



December 29th, 2023

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

Re: Phase II MS4 Annual Report Transmittal for Williamson Travis Counties MUD No. 1
TPDES Authorization: TXR040678

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 TXR040678 for the Williamson Travis Counties MUD No. 1.

The annual report is for Year 3. The reporting period's beginning October 1st, 2022 and ending September 30th 2023.

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 12100 Park 35 Circle in Austin, Texas.

Sincerely,

Makenzi Scales
District Manager



Notice of Intent (NOI) for Small Municipal Separate Storm Sewer Systems (MS4) authorized under TPDES Phase II MS4 General Permit TXR040000

IMPORTANT:

Use the [INSTRUCTIONS](#) to fill out each question in this form.

Once approved, your permit authorization can be viewed at:

<http://www.tceq.texas.gov/goto/wq-dpa>

APPLICATION FEE:

You must pay the **\$400** Application Fee to TCEQ for the application to be complete.

Payment and NOI must be mailed to separate addresses.

You can pay online at: <http://www.tceq.texas.gov/goto/epay>

Select Fee Type: GENERAL PERMIT MS4 PHASE II STORMWATER DISCHARGE NOI
APPLICATION

Provide your payment information below, for verification of payment:

Mailed Check/Money Order Number: [Click here to enter text.](#)

Check/Money Order Amount: [Click here to enter text.](#)

Name Printed on Check: [Click here to enter text.](#)

EPAY Voucher Number: [Click here to enter text.](#)

Is a copy of the Payment Voucher enclosed? Yes

One (1) copy of the NOI, Stormwater Management Program (SWMP) cover sheet, and SWMP MUST be submitted with the original NOI, SWMP cover sheet, and SWMP.

Is the copy attached? Yes

REASON FOR APPLICATION:

Select the reason you are submitting this application:

New authorization

Renewal of authorization number: TXR040678

Note: An authorization cannot be renewed after July 23, 2019

Section 1. OPERATOR (Applicant)

- a) If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? CN CN600634562
- b) What is the exact Legal Name of the entity (applicant) applying for this permit? Williamson Travis Counties MUD No. 1
- c) Complete and attach a Core Data Form (TCEQ-10400) for this customer.

Section 2. ANNUAL BILLING CONTACT

The operator is responsible for paying the annual water quality fee. The annual fee will be assessed to permits active on September 1 of each year. TCEQ will send a bill to the address provided in this section. The operator is responsible for terminating the permit when it is no longer needed.

Provide the name and contact information of the billing contact.

Prefix (Mr. or Ms.): Mrs.

First and Last Name: Makenzi Scales

Title: District Manager

Organization Name: Inframark, LLC

Phone Number: 713-594-6335

Fax Number: Click here to enter text.

Email: Makenzi.scales@inframark.com

Mailing Address: 1000 Old Mill Road

City, State, and Zip Code: Cedar Park, TX 78613

Section 3. APPLICATION CONTACT

This is the person TCEQ will contact if additional information is needed about this application.

Provide the name and contact information of the application contact.

Prefix (Mr. or Ms.): Mrs.

First and Last Name: Makenzi Scales

Title: District Manager

Organization Name: Inframark, LLC

Phone Number: 713-594-6335

Fax Number: Click here to enter text.

Email: Makenzi.scales@inframark.com

Mailing Address: 1000 Old Mill Road

City, State, and Zip Code: Cedar Park, TX 78613

Section 4. REGULATED ENTITY (RE) INFORMATION FOR SITE

- a) If this is an existing permitted site, what is the Regulated Entity Number (RN) issued to this site? RN RN105624159
- b) Name of site as known by the local community:
WTC MUD 1
- c) Name of the urbanized area(s) the Phase II MS4 is located within: Williamson County & Travis County
- d) Provide a brief description of the regulated MS4 boundaries: *Example: Area within the City of XXXX limits that is located within the xxx urbanized area:*

The district map attached within the annual report provides a clear picture of the district boundaries located in the City of Cedar Park – split across both Williamson & Travis Counties

Section 5. GENERAL CHARACTERISTICS

- a) Is this site located on Indian Country Lands?
- Yes, do not submit this form. You must obtain authorization through U.S. EPA Region 6.
- No, continue to item b
- b) Has TCEQ formally “designated” the small MS4 as needing coverage under this general permit?
- Yes. Attach a copy of the documentation sent to the MS4 by TCEQ.
- No
- c) Select the MS4 level, which is based on the population served within the urbanized area (UA) **based on the most recent Decennial Census at the time of issuance of the general permit.**
- Level 1:** Traditional small MS4s with a population of less than 10,000.
- Level 2:** Traditional small MS4s with a population of at least 10,000 but less than 40,000.
- Non-traditional MS4s: This level also includes all non-traditional small MS4s regardless of population unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage. *Examples of non-traditional small MS4s include counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts.*
- Level 3:** Traditional small MS4s with a population of at least 40,000 but less than 100,000.
- Level 4:** Traditional small MS4s with a population of 100,000 or more.
- d) What is the estimated current population served by your MS4 (regulated area?)
4,600 People

e) Is the MS4 part of a coalition?

Yes

No

f) If yes, list the entity names of the coalition members responsible for implementation of the SWMP *and* their unique TXR04#### number.

1. Click here to enter text. TXR04 Click here to enter text.
2. Click here to enter text. TXR04 Click here to enter text.
3. Click here to enter text. TXR04 Click here to enter text.
4. Click here to enter text. TXR04 Click here to enter text.
5. Click here to enter text. TXR04 Click here to enter text.
6. Click here to enter text. TXR04 Click here to enter text.

If needed, add a copy of this page to add more entities.

g) What is your annual reporting year?

Calendar year

Small MS4 General Permit year

MS4 Fiscal year - What is the last month and day of the fiscal year? September 30th

h) Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this NOI has been developed according to the provisions of the Small MS4 General Permit TXR040000. Yes
2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP. Yes
3. Have the program elements in the previous SWMP been re-assessed and modified and new program elements been developed and implemented, as necessary?

Yes

No. This facility did not have a previous authorization.

4. Is the optional 7th Minimum Control Measure (MCM) for Municipal Construction Activities selected and included with the attached SWMP?

No. Continue to Question 5.

Yes.

If yes, is MCM 7 limited to the regulated area within the urbanized area?

Yes. Continue to Question 5.

No

If No, then MCM 7 is included in the geographic area or boundary outside of the urbanized area. Note: In this case, you must incorporate the entire area

(urbanized and non-urbanized areas) in the SWMP and implement all MCMs 1-7 in the urbanized and non-urbanized areas.

5. Provide the name and contact information of the person responsible for implementing or coordinating implementation of the SWMP.

Prefix (Mr. or Ms.): Mrs.

First and Last Name: Makenzi Scales

Title: District Manager

Organization Name: Inframark, LLC

Phone Number: 713-594-6335

Fax Number: [Click here to enter text.](#)

[Email: Makenzi.scales@inframark.com](mailto:Makenzi.scales@inframark.com)

Mailing Address: 1000 Old Mill Road

City, State, and Zip Code: Cedar Park, TX 78613

i) Discharge Information

1. What is the name of the waterbody(ies) receiving stormwater discharges from the MS4? South Brushy Creek
2. What is the classified segment number(s) that the discharges will eventually reach? 1244D

Does the small MS4 discharge directly or indirectly into the classified segment(s)?

Directly

Indirectly

3. Are any of the waterbody(ies) receiving discharges from the small MS4 identified as impaired waters (Category 4 or 5) in the *Texas Integrated Report of Surface Water Quality*?

Yes

What is the name of the impaired waterbody(ies) receiving the discharge from the small MS4? [Click here to enter text.](#)

What is/are the pollutants(s) of concern? [Click here to enter text.](#)

No

4. Does the impaired water body(ies) have a TMDL (Category 4 waterbody)?

Yes

What is/are the pollutants with a TMDL? [Click here to enter text.](#)

No

5. Does your MS4 discharge into any other MS4 entity's jurisdiction prior to discharge into water in the state?

Yes

What is the name of the MS4 operator? [Click here to enter text.](#)

No

6. Edwards Aquifer Rule

Is the discharge or potential discharge within the Recharge Zone, Contributing Zone, within the Contributing Zone within the Transition Zone, or zero to ten (0 to 10) miles upstream of the Recharge Zone of the Edwards Aquifer?

Yes - **NOTE: A copy of the agency approved Water Pollution Abatement Plan (WPAP) required by the Edwards Aquifer Rule (30 TAC Chapter 213) must be either included or referenced in the SWMP.**

No

j) Public Participation Process

1. Provide the name and contact information of the person responsible for publishing notice of the executive director's preliminary determination on the MS4's NOI and SWMP?

Prefix (Mr. or Ms.): Mrs.

First and Last Name: Makenzi Scales

Title: District Manager

Company: Inframark, LLC

Phone Number: 713-594-6335

Fax Number: [Click here to enter text.](#)

[Email: Makenzi.scales@inframark.com](mailto:Makenzi.scales@inframark.com)

Mailing Address: 1000 Old Mill Road

Internal Routing (Mail Code, Etc.):

City, State, and Zip Code: Cedar Park, TX 78613

2. Provide the name and location of the public place where copies of the NOI, SWMP, Small MS4 General Permit TXR040000, and general permit fact sheet may be viewed and copied by the public?

Name of Public Place: Williamson Travis County MUD No. 1

Address of Public Place: 1000 Old Mill Road, Cedar Park, TX 78613

County of Public Place: Williamson County

3. Provide the address for the website where the MS4's SWMP and annual report will be [posted. Wtc mud 1.org](#)

Do not have a website.

Section 6. CERTIFICATION

I certify that I have obtained a copy and understand the terms and conditions of the Phase II (Small) MS4 General Permit TXR040000 issued January 24, 2019.

Yes

I certify that the small MS4 qualifies for coverage under the Phase II (Small) MS4 General Permit TXR040000.

Yes

I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed.

Yes

I understand that authorizations active on September 1st of each year will be assessed an Annual Water Quality Fee.

Yes

Operator Certification

Operator Signatory Name: Makenzi Scales

Operator Signatory Title: District Manager

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.

I further certify that I am authorized under 30 Texas Administrative Code §305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signature (use blue ink):  Date: _____

STORMWATER MANAGEMENT PROGRAM (SWMP) COVER SHEET

This cover sheet MUST be attached to the front of the SWMP.

Operator

Operator name: WTC MUD 1

Required Program Elements

The SWMP needs to include:

- BMPs and measurable goals that are clear, specific, and measurable,
- Annual Reporting Year selected, and
- Estimated population served by the MS4.

Legal Authorities

Include in the SWMP the list of local legal authorities (i.e., ordinance, rule) that the MS4 has adopted to implement any of the MCMs. List all and what MCM they each cover.

Minimum Control Measures

For each MCM, complete the table by entering the page number where the required element can be found in the SWMP

MCM 1: Public Education, Outreach, and Involvement

Table 1: Required Elements for MCM 1

MCM 1 Required Elements	SWMP page number
SWMP includes a stormwater education and outreach program to educate public employees, business, and the general public about hazards associated with the illegal discharges and improper disposal of waste and about the impacts stormwater can have on water quality, and steps they can take to reduce pollutants in stormwater	3
Clearly define the goals and objectives of the program based on high- priority community-wide issues	3
Identify the target audiences	3
Develop or use appropriate educational material	4
Procedures to distribute educational material	4
Make the educational material available to the target audience at least annually	4

MCM 1 Required Elements	SWMP page number
Post the SWMP and annual reports on the MS4's website, if the MS4 has a website	4
Include the MS4's website address where the SWMP and annual reports will be found, if the MS4 has a website	4
SWMP includes a program that complies with state and local public notice requirements	4
Include public input in the implementation of the program	4
Include opportunities for citizen to participate in implementation of control measures	4
Ensure the public can easily can find information about the SWMP.	4
SWMP lists Best Management Practices (BMPs) used to fulfill this MCM. Examples of possible BMPs could be stream-clean-ups, storm drain stenciling, volunteer water quality monitoring, brochures, billboards, and websites.	3 & 4
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	3 & 4
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	3 & 4

MCM 2: Illicit Discharge Detection and Elimination

Table 2: Required Elements for MCM 2

MCM 2 Required Elements	SWMP page number
Description of the program that will be used to detect, investigate and eliminate illicit discharges. The program includes a plan to detect and address illicit discharges, including illegal dumping to the MS4 system.	7
MS4 map: The map includes: <ul style="list-style-type: none"> • Location of all small MS4 outfalls operated by the MS4 and that discharge into waters of the U.S.; • Location and name of all surface waters receiving discharge from the MS4s outfalls; • For Level 3 and 4 small MS4s: Location of MS4 owned or operated facilities and stormwater controls; and • For Level 4 small MS4s: Location of priority areas. 	8
Methods for informing and training MS4 field staff	9
Procedures for tracing the source of an illicit discharge	9

MCM 2 Required Elements	SWMP page number
Procedures for removing the source of the illicit discharge	9
Procedures to facilitate public reporting of illicit discharges or water quality impacts associated with discharges into or from the small MS4	9
Procedures for responding to illicit discharges and spills	9
Procedures for inspections in response to complaints	9
For Level 2, 3, and 4 small MS4: Procedures to prevent and correct leaking on-site sewage disposal systems	9
For Level 3 and 4 small MS4s: Procedures for follow-up investigation to verify that the illicit discharge has been eliminated	9
For Level 4 small MS4s: Procedures for identifying and creating a list of priority areas within the small MS4s likely to have illicit discharges	9
For Level 4 small MS4s: Procedures for a dry weather field screening program to assist in detecting and eliminating illicit discharges to the small MS4. Dry weather field screening consists of (1) field observations and (2) field screening.	9
For Level 4 small MS4s: Procedures to reduce the discharge of floatables in the small MS4	9
SWMP lists BMPs used to fulfill this MCM. Examples of possible BMPs could be hazardous materials disposal opportunities, inspections of the storm sewer system, and dye testing.	7, 8, 9
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	7, 8, 9
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	7, 8, 9

MCM 3: Construction Site Stormwater Runoff Control

Table 3: Required Elements for MCM 3

MCM 3 Required Elements	SWMP page number
Program requires operators of construction sites one acre and greater (including larger common plan) to select, install, implement, and maintain stormwater control measures	12
Description of ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under state and local law	12

MCM 3 Required Elements	SWMP page number
Program requires construction site operators to implement BMPs for erosion and sediment control	13
Program requires construction site operators to have procedures for initiating and completing soil stabilization measures	13
Program requires construction site operators to implement BMPs to control pollutants from equipment and vehicle washing and other wash waters	13
Program requires construction site operators to implement BMPs to minimize exposure to stormwater of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials	13
Program requires construction site operators to implement BMPs to minimize the discharge of pollutants from spills and leaks.	13
Program ensures that the construction site has developed a stormwater pollution prevention plan in accordance with the TPDES Construction General Permit TXR150000	13
Program prohibits illicit discharges such as wash out wastewater, fuels, oils, soaps, solvents, and dewatering activities	13
Procedures for construction site plan review to consider water quality impacts	13
Procedures for construction site inspections and enforcement of control measures, to the extent allowable under state and local law	13
Procedures for receipt and consideration of information submitted by the public	13
Procedures for MS4 staff training	13
For Level 3, and 4 small MS4s: Procedures to develop and maintain an inventory of all permitted active public and private construction sites greater than one acre (and sites that are less than one acre if part of larger common plan of development or sale)	13
SWMP lists BMPs used to fulfill this MCM. Examples may include: notification to discharger of responsibilities under TPDES CGP; hire staff to review construction site plans; provide a web page for public input on construction activities; perform site inspections and enforcement; provide education and training for construction site operators; and mechanism to prohibit discharges into MS4 where necessary.	12 & 13
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	12 & 13

MCM 3 Required Elements	SWMP page number
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	12 & 13

MCM 4: Post Construction Stormwater Management in New Development and Redevelopment Table 4: Required Elements for MCM 4

MCM 4 Required Elements	SWMP page number
Description of a program that will be developed, implemented and enforced, to control stormwater discharges from private and public new development and redeveloped sites that discharge into the small MS4 that disturb one acre or more (and sites that disturb less than one acre that are part of a larger common plan of development or sale)	15 &16
Description of ordinance or other regulatory mechanism that is in place or planned which will regulate discharges from new development and redevelopment projects	15 &16
Establish, implement, and enforce a requirement that owners or operators of new development and redeveloped sites design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community and that protects water quality	15 &16
Procedures to document and maintain records of enforcement actions	15 &16
Procedures to ensure long-term operation and maintenance of post construction stormwater control measures	15 &16
Operation and maintenance of post construction stormwater control measures is documented	15 &16
For Level 4 small MS4s: Develop and implement an inspection program to ensure that all post construction stormwater control measures are operating correctly and are being maintained. Inspections must be documented	15 &16
SWMP lists BMPs used to fulfill this MCM. Examples may include: local ordinance in place or planned; guidance document for developers to use; specific BMPs established for particular watersheds; list of appropriate BMPs provided to operators; elimination of curbs and gutters; incentives for use of permeable choices, such as porous pavement; requirements for wet ponds or other BMPs for certain size sites; and xeriscaping.	15 &16
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	15 &16

MCM 4 Required Elements	SWMP page number
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	15 &16

MCM 5: Pollution Prevention and Good Housekeeping for Municipal Operations Table 5: Required Elements for MCM 5

MCM 5 Required Elements	SWMP page number
Description of an operation and maintenance (O&M) program, including an employee training component, to reduce/prevent pollution from municipal activities and municipally owned areas included but not limited to park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations	18 & 19
Develop and maintain an inventory of facilities and stormwater controls that are owned or operated by the MS4	18 & 19
Procedures to inform or train staff involved in implementing pollution prevention and good housekeeping practices. Maintain training attendance records	18 & 19
Procedures to remove and properly dispose of waste from the MS4	18 & 19
Contractors hired by the MS4 must be required to comply with operating procedures. Develop contractor oversight procedures	18 & 19
Evaluate O&M activities for their potential to discharge pollutants in stormwater for road and parking lot maintenance, bridge maintenance, cold weather operations, right-of-way maintenance, etc.	18 & 19
Identify pollutants of concern that could be discharged from the O&M activities	18 & 19
Develop and implement pollution prevention measures that will reduce discharge of pollutants from O&M activities	18 & 19
Conduct inspections of pollution prevention measures and maintain inspection log	18 & 19
Procedures for inspecting and maintaining structural controls	18 & 19
For Level 3 and 4 small MS4s: Develop and implement an O&M program to reduce the collection of pollutants in catch basins and other surface structures in the storm sewer system	18 & 19

MCM 5 Required Elements	SWMP page number
For Level 3 and 4 small MS4s: Develop a list of potential problem areas in the storm sewer system for increased inspection (for example, areas with recurring illegal dumping)	18 & 19
For Level 3 and 4 small MS4s: Implement an O&M program to reduce discharge of pollutants from roads that includes at least a street sweeping and cleaning program, or inlet protection. The program includes an implementation schedule and a waste disposal procedure	18 & 19
For Level 3 and 4 small MS4s: Assess its facilities for their potential to discharge pollutants into stormwater and identify high priority facilities that have a high potential to generate stormwater pollutants. At a minimum, facilities include the MS4s maintenance yards, hazardous waste facilities, fuel storage locations, and any other facilities at which chemicals or other materials have a high potential to be discharged in stormwater. Document the results of the assessments	18 & 19
For Level 3 and 4 small MS4s: Develop facility specific stormwater management Standard Operation Procedures for high priority facilities	18 & 19
For Level 3 and 4 small MS4s: MS4 implements stormwater controls at high priority facilities that address good housekeeping; de-icing and anti-icing storage; fueling operations and vehicle maintenance; equipment and vehicle washing	18 & 19
For Level 3 and 4 small MS4s: Develop and implement an inspection program that includes high priority facilities	18 & 19
For Level 4 small MS4s: Develop an application and management program for pesticides, herbicides, and fertilizers used at public open spaces. Implement the following: educational activities, permits, etc for applicators and distributors; encourage of non-chemical solutions for pest management; develop schedules that minimizes discharge of pollutants; ensure collection and proper disposal of unused pesticides, herbicides, and fertilizers	18 & 19
For Level 4 small MS4s: Evaluate flood control projects. Design, construct, and maintain new flood control structures to provide erosion prevention and pollutant removal from stormwater. Retrofitting of existing structural flood control devices is implemented to the maximum extent practicable (MEP)	18 & 19
SWMP lists BMPs used to fulfill this MCM. Examples may include: BMPs which address fleet vehicle maintenance/washing; BMPs which address parking lot and street cleaning; catch basin and storm drain system cleaning; landscaping and lawn care (e.g. xeriscaping); waste materials management; road salt application and storage practices; used oil recycling; pest management practices; fire training facilities; BMPs which address roadway and bridge maintenance; golf course maintenance/waste	18 & 19

MCM 5 Required Elements	SWMP page number
disposal; disposal of cigarette butts; and park maintenance (e.g., providing trash bags).	
SWMP includes measurable goals that are clear, specific, and measurable, and the method of measurement, for addressing stormwater quality	18 & 19
SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from the general permit issuance date of January 24, 2019	18 & 19

MCM 6: Industrial Stormwater Sources

Table 6: Required Elements for MCM 6

MCM 6 Required Elements	SWMP page number
For Level 4 MS4 only: Identify and control industrial stormwater sources that at least includes the MS4's landfills; other treatment, storage, or disposal facilities for municipal waste; hazardous waste treatment, storage, disposal and recovery facilities; and facilities that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA).	N/A
For Level 4 MS4 only: Procedures for inspecting and implementing control measures for discharges from industrial stormwater sources.	N/A

Optional MCM 7: Municipal Construction Activities

This MCM is only applicable where the small MS4 has selected to be the construction site operator for their municipal construction activities. This MCM provides an alternative to the MS4 operator seeking discharge authorization under the Construction Stormwater General Permit TXR150000.

Table 7: Required Elements for MCM 7

MCM 7 Required Elements	SWMP page number
Description of how municipal construction activities will be conducted so as to take into consideration local conditions of weather, soils, and other site specific considerations	N/A
Description of the area that this MCM will address and where the MS4 operator's municipal construction activities are covered (e.g. within the boundary of the urbanized area, the corporate boundary, a special district boundary, an extra territorial jurisdiction, or other similar jurisdictional boundary)	N/A

MCM 7 Required Elements	SWMP page number
If the area included in this MCM includes areas outside of the UA, then all MCMs (MCM 1 through MCM 7) will be implemented over those additional areas as well	N/A
Description of how contractor activities will be supervised or overseen to ensure that the Stormwater Pollution Prevention Plan (SWP3) requirements are properly implemented at the construction site(s); or how the MS4 operator will make certain that contractors have a separate authorization for stormwater discharges if needed	N/A
General description of how a construction SWP3 will be developed for each municipal construction site	N/A
Records of municipal construction activities authorized under this optional MCM	N/A

Texas Commission on Environmental Quality General Permit Payment Submittal Form

Use this form to submit your Application Fee only if you are mailing your payment.

- Complete items 1 through 5 below.
- Staple your check in the space provided at the bottom of this document.
- Do not mail this form with your NOI form.
- Do not mail this form to the same address as your NOI.

Mail this form and your check to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental
Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, TX 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental
Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, TX 78753

Fee Code: GPA

General Permit: TXR040000

1. Check / Money Order No: [Click here to enter text.](#)
2. Amount of Check/Money Order: [Click here to enter text.](#)
3. Date of Check or Money Order: [Click here to enter text.](#)
4. Name on Check or Money Order: [Click here to enter text.](#)
5. NOI INFORMATION

If the check is for more than one NOI, list each Project/Site (RE) Name and Physical Address exactly as provided on the NOI. DO NOT SUBMIT A COPY OF THE NOI WITH THIS FORM AS IT COULD CAUSE DUPLICATE PERMIT ENTRIES.

If more space is needed, you may attach a list.

Project/Site (RE) Name: [Click here to enter text.](#)

Project/Site (RE) Physical Address: [Click here to enter text.](#)

Staple Check in This Space

Instructions for Notice of Intent (NOI) for Small Municipal Separate Storm Sewer Systems (MS4) authorized under TPDES Phase II MS4 General Permit TXR040000

GENERAL INFORMATION

Where to Send the Notice of Intent (NOI)

You are required to submit the original and one copy of the NOI, Core Data Form(s), Stormwater Management Program (SWMP) Cover Sheet, and the SWMP. Submit these documents to one of the following addresses:

BY REGULAR U.S. MAIL:

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

BY OVERNIGHT/EXPRESS MAIL:

Texas Commission on Environmental Quality
ARP Team (MC-148)
12100 Park 35 Circle
Austin, TX 78753

Fees Associated with this General Permit

The application fee of \$400 is required to be paid at the time the NOI is submitted. Failure to submit payment at the time the application is filed will cause delays in acknowledgment or denial of coverage under the general permit. Payment of the fee may be made by check or money order, payable to TCEQ, or through EPAY (electronic payment through the web).

Mailed Payments:

Use the attached General Permit Payment Submittal Form. The application fee is submitted to a different address than the NOI. Read the General Permit Payment Submittal Form for further instructions.

Where to Send the Payment

BY REGULAR U.S. MAIL:

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC 214
P.O. Box 13088
Austin, Texas 78711-3087

BY OVERNIGHT/EXPRESS MAIL:

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC 214
12100 Park 35 Circle
Austin, TX 78753

ePAY Electronic Payment: <http://www.tceq.texas.gov/epay>

When making the payment you must select Water Quality, and then select the fee category "General Permit MS4 Phase II Stormwater Discharge NOI Application". You must include a copy of the payment voucher with your NOI. Your NOI will not be considered complete without the payment voucher.

Annual Water Quality Fee

This fee is assessed to permittees with an active authorization under the general permit on September 1 of each year. The designated billing contact will receive an invoice for payment of the annual fee in November of each year. The payment will be due 30 days from the invoice.

A 5% penalty will be assessed if the payment is not received by TCEQ by the due date. Annual fee assessments cannot be waived as long as the authorization under the general permit is active on September 1.

It is important for the permittees to submit an NOT when coverage under the general permit is no longer required. An NOT is effective on the postmarked date of mailing the form to TCEQ. If the NOT is mailed it is recommended that the NOT be mailed using a method that documents the date mailed and received by TCEQ.

Mailed Payments:

You must return your payment with the billing coupon provided with the billing statement.

ePAY Electronic Payment: <http://www.tceq.texas.gov/epay>

You must enter your account number provided at the top portion of your billing statement. Payment methods include American Express, MasterCard, Visa, and electronic check payment (ACH).

TCEQ Contact List

Small Business & Local Government Assistance	800-447-2827
Application – status and form questions:	512-239-4671
Technical questions:	512-239-4671
Environmental Law Division:	512-239-0600
Records Management - obtain copies of forms:	512-239-0900
Reports from databases (as available):	512-239-DATA (3282)
Cashier's office:	512-239-0357 or 512-239-0187

Notice of Intent Process

When your Core Data Form, NOI, and SWMP are received by the program, the form will be processed as follows:

Administrative Review: Each item on the form will be reviewed for a complete response. In addition, the operator's legal name must be verified with Texas Secretary of State as valid and active (if applicable). The address(s) on the form must be verified with the US Postal service as receiving regular mail delivery. Do not give an overnight/express mailing address.

Notice of Deficiency: If an item is incomplete or not verifiable as indicated above, a notice of deficiency (NOD) will be mailed to the operator. The operator will have 30 days to respond to the NOD. The response will be reviewed for completeness.

Technical Review of SWMP: The NOI and SWMP will be reviewed to verify compliance with the requirements in the general permit. More information may

be requested by phone or technical NOD letter mailed to the SWMP contact. When a determination is made that the SWMP meets the requirements of the general permit, the Executive Director's preliminary determination will be prepared and filed with the TCEQ Office of Chief Clerk (OCC).

Public Participation Process: The OCC will mail the Executive Director's preliminary determination to the public participation contact provided in the NOI. This individual must publish the notice in the newspaper of largest circulation in the county where the small MS4 is located.

The comment period begins on the first date the notice is published and ends 30 days later, unless a public meeting is held. If a public meeting is held, the comment period will end at the closing of the public meeting.

The applicant must submit a copy of the newspaper clipping and an affidavit signed by the newspaper staff to the OCC within 60 days of receiving the written instructions from the OCC.

If significant public interest exists, the executive director will direct the applicant to publish notice of the meeting and to hold the public meeting. The applicant must publish the notice of public meeting at least 30 days prior to the public meeting and hold the meeting in the county where the MS4 is located.

Acknowledgment of Coverage: An Acknowledgment Certificate will be mailed to the operator. This certificate acknowledges coverage under the general permit.

or

Denial of Coverage: Coverage may be denied if the operator fails to respond to the NOD, the response is inadequate, or the NOI and SWMP do not meet the requirements of the general permit. If coverage is denied, the operator will be notified.

General Permit

Coverage under the general permit begins upon approval of the NOI, Core Data Form, and SWMP by TCEQ and after the public notice process has been completed. You should have a copy of your general permit when submitting your application. You may view and print your permit for which you are seeking coverage, at the following website <http://www.tceq.texas.gov>. Search using keyword TXR040000.

General Permit Forms

The Notice of Intent (NOI), Notice of Termination (NOT), Notice of Change (NOC) and Core Data Form (including instructions) are available at the TCEQ web site <http://www.tceq.texas.gov>.

Change in Operator

An authorization under the general permit is not transferable. If the operator changes, the present permittee must submit a Notice of Termination (NOT) and the new operator must submit a Notice of Intent and a Core Data Form. The NOT, NOI and Core Data Form must be submitted no later than 10 days prior to the change in status.

INSTRUCTIONS FOR FILLING OUT THE FORM

Renewal of General Permit: Dischargers holding an active authorizations under the expired General Permit are required to submit a NOI to continue coverage. The existing authorization number is required. If the authorization number is not provided or has been terminated, expired, or denied a new permit number will be issued.

This number will begin with TXR04. Do not use TXR040000, it is *the general permit number not your* authorization number.

Section 1. Operator (Applicant)

a) Customer Number (CN)

TCEQ assigns each customer a number that begins with CN, followed by nine digits. This is not a permit number, registration number, or license number. If the applicant is an existing TCEQ customer, the Customer Number is available at the following website: <http://www15.tceq.texas.gov/crpub/>. If the applicant is not an existing TCEQ customer, leave the space for CN blank.

b) Legal Name of Applicant

Provide the current legal name of the applicant. The name must be provided exactly as filed with the Texas Secretary of State, or on the legal documents forming the entity as filed with the county. If filed in the county, provide a copy of the legal documents showing the legal name.

c) Core Data Form

Complete and attach a Core Data Form (TCEQ-10400) for each customer.

Section 2. Annual Billing Contact

An annual fee is assessed to each operator holding an active authorization under the general permit on September 1 of each year.

Provide the contact name and complete mailing address where the annual fee invoice should be mailed. Verify the address with the USPS. It must be an address for delivery of regular mail, not overnight express mail.

The phone number should provide contact to the individual responsible for paying the annual fee.

The fax number and e-mail address are optional and should correspond to the individual responsible for paying the annual fee.

Section 3. Application Contact

Provide the name, title and contact information of the person that TCEQ can contact for additional information regarding this application. This contact may be a consultant or entity other than the applicant.

Section 4. Regulated Entity (RE) Information For Site

a) Regulated Entity Reference Number (RN)

The RN is issued by TCEQ to sites where an activity is regulated by TCEQ. This is not a permit number, registration number, or license number. Search TCEQ's Central Registry to see if the site has an assigned RN at

<http://www15.tceq.texas.gov/crpub/>. If this regulated entity has not been assigned an RN, leave this space blank.

b) Name of the Project or Site

Provide the name of the site or project as known by the public in the area where the site is located. The name you provide on this application will be used in the TCEQ Central Registry as the Regulated Entity name.

) Name of Urbanized Area

List the formal name of the urbanized area(s) where the MS4 is located using the 2010 U.S. Census maps referenced in Section 5. c) below. For example: Dallas-Fort Worth-Arlington Urbanized area.

c) Describe the boundaries of the regulated portion of the small MS4

Briefly describe the boundaries of the regulated portion of the small MS4.

Section 5. General Characteristics

a) Indian Country Lands

If your site is located on Indian Country Lands, the TCEQ does not have authority to process your application. Do not submit this application form to TCEQ. You must obtain authorization through EPA, Region 6, in Dallas.

b) TCEQ “Designated” Small MS4

A small MS4 that is outside of an urbanized area that is formally “designated” by TCEQ is eligible for coverage under this general permit. The small MS4 Operator must obtain authorization under this general permit or apply for coverage under an individual TPDES stormwater permit within 180 days of notification of their designation. If the small MS4 was already designated, please attach a copy of the documentation sent to the MS4 by TCEQ.

c) MS4 Level

The general permit defines MS4s by four different levels, based on the population served within the 2010 U.S. Census urbanized area (UA). “Population served” means the residential population within the regulated portion of the small MS4 based on the 2010 U.S. Census, except for non-traditional small MS4s that are classified as Level 2.

A reference map identifying the 2010 U.S. Census UAs can be found at www.epa.gov/npdes/urbanized-area-maps-tpdes-ms4-phase-ii-stormwater-permits.

Districts that did not have a population during the 2010 U.S. Census, are required to apply when their population exceeds the population threshold for permit coverage.

a) Estimated Population

List the current estimated population served by the MS4. This number will not be used to determine the Levels.

d) Coalitions of MS4 entities

Indicate if the MS4 is part of a coalition that share efforts in meeting any or all of the SWMP requirements.

f) Members of the Coalition

List the name of each member of the coalition *and* their unique Phase II MS4 authorization number.

g) Annual Reporting Year

The annual report must address the previous reporting year. The selected reporting year cannot be changed during the permit term.

- If the MS4 selects the calendar year, then the reporting year is from January 1 through December 31 of each year.
- If the MS4 selects the Phase II MS4 General Permit year, the reporting year is from the effective date of the general permit plus 365 days of each year.
- If the MS4 selects the fiscal year, the reporting year is from the first day of the MS4's fiscal year through the last day of the MS4's fiscal year. Provide the month and last day of the MS4's fiscal year.

h) SWMP

1. Certify, by selecting Yes, that the SWMP has been developed in accordance with the general permit requirements and is attached to this NOI.
2. Certify, by selecting Yes, that the SWMP Cover Sheet has been completed and is attached to the front of the SWMP.
3. If the MS4 was previously authorized under the general permit, the program elements in the previous SWMP must be re-assessed and modified. Additionally, new program elements must be developed. Do not submit the exact same SWMP that was previously submitted. Indicate that you have revised the previous SWMP, or that this is a newly regulated MS4.
4. Indicate if the MS4 is seeking coverage under this general permit for the optional MCM 7 for municipal construction activities where the MS4 meets the definition of "construction site operator".

If Yes, the SWMP must include the geographic area or boundary where MCM 7 will be implemented. If this area extends beyond the geographic area or boundary of the urbanized area, then all MCMs 1-7 must be implemented in the urbanized and non-urbanized areas. The MS4 operator can utilize MCM 7 only in areas that are in compliance with the SWMP's MCMs 1-7. If you do **NOT** incorporate the entire SWMP (MCMs 1-7) in the urbanized and the non-urbanized areas, then the MS4 cannot utilize only MCM 7 outside of the urbanized area.

If No, the MS4 can obtain this coverage at any time during the general permit term by submitting a Notice of Change.

5. Provide the name and contact information of the designated person responsible for implementing or coordinating implementation of the SWMP.

i) Discharge Information

1. Provide the name of all waterbodies that receive discharges from the MS4. The discharge eventually reaches a receiving waterbody such as a local stream or lake, possibly via a drainage ditch or even through another MS4 prior to reaching the waterbody. Please note that this general permit does not grant permission to use another MS4 as a conveyance of stormwater and certain non-storm water discharges along the discharge route.
2. Identify the classified segment number(s) that will eventually receive the

discharge. You can find classified segment numbers in the Atlas of Texas Surface Waters at: www.tceq.texas.gov/publications/gi/gi-316 or the Surface Water Quality (Segments) Viewer at: <https://www.tceq.texas.gov/gis/segments-viewer>

Indicate if the discharge is directly into the classified segment or if it reaches the classified segment after being discharged into another waterbody or MS4.

3. Indicate if any waterbodies receiving discharges are identified as impaired waters (Category 4 or 5) in the *Texas Integrated Report of Surface Water Quality*, which is available at:

http://www.tceq.texas.gov/waterquality/assessment/305_303.html.

If Yes, provide the name(s) of the impaired waterbodies and the pollutants of concern for those waterbodies. The pollutants of concern are the parameters for which the waterbody is impaired.

4. Indicate if the impaired waterbody has a TMDL and list the pollutants with a TMDL (Category 4 waterbody).
5. Indicate if the discharge is into any other MS4 entity's jurisdiction prior to reaching water in the state.

If Yes, provide the name of the MS4 operator that receives the discharge.

6. Edwards Aquifer Rule

Indicate if the discharge or potential discharge is within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer. See maps on the TCEQ website to determine if the site is located within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer at

<https://www.tceq.texas.gov/permitting/eapp/viewer.html>.

If Yes, additional requirements may exist under the Edwards Aquifer Protection Program (30 TAC Chapter 213). For activities regulated under 30 TAC Chapter 213, any required plans must be included in the SWMP. Compliance with any Edwards Aquifer requirements is in addition to the requirements of this general permit.

j) Public Participation

1. Provide the name and contact information of the person responsible for publishing the public notice in the newspaper.
2. Provide the name and location of a public place where copies of the NOI, SWMP, General Permit, and permit fact sheet will be available to the public for viewing. Examples of public places include public libraries, city hall, municipal buildings, etc.
3. Provide the address for the website where the MS4's SWMP and annual report will be posted. Indicate if the MS4 does not have a website.

Section 6. Certifications

Failure to indicate "Yes" to ALL of the certification items may result in denial of coverage under the general permit. The certification must bear an original signature of a person meeting the signatory requirements specified under 30 Texas Administrative Code §305.44.

IF YOU ARE A CORPORATION:

The regulation that controls who may sign an application form is 30 Texas Administrative Code §305.44(a), which is provided below. According to this code provision, any corporate representative may sign an NOI or similar form so long as the authority to sign such a document has been delegated to that person in accordance with corporate procedures. By signing the NOI or similar form, you are certifying that such authority has been delegated to you. The TCEQ may request documentation evidencing such authority.

IF YOU ARE A MUNICIPALITY OR OTHER GOVERNMENT ENTITY:

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a), which is provided below. According to this code provision, only a ranking elected official or principal executive officer may sign an NOI or similar form. Persons such as the City Mayor or County Commissioner will be considered ranking elected officials. In order to identify the principal executive officer of your government entity, it may be beneficial to consult your city charter, county or city ordinances, or the Texas statutes under which your government entity was formed. An NOI or similar document that is signed by a government official who is not a ranking elected official or principal executive officer does not conform to §305.44(a) (3). The signatory requirement may not be delegated to a government representative other than those identified in the regulation. By signing the NOI or similar form, you are certifying that you are either a ranking elected official or principal executive officer as required by the administrative code. Documentation demonstrating your position as a ranking elected official or principal executive officer may be requested by the TCEQ.

If you have any questions or need additional information concerning the signatory requirements discussed above, please contact the Texas Commission on Environmental Quality's Environmental Law Division at 512-239-0600.

30 TEXAS ADMINISTRATIVE CODE §305.44. SIGNATORIES TO APPLICATIONS

(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).

SWMP Cover Sheet

The SWMP cover sheet must be completed and placed on the front of the SWMP. Both the SWMP cover sheet and the SWMP must be submitted with the complete NOI.

Provide the name of the MS4 operator.

For each MCM, complete the table by entering the page number (or page number range) where each required program element can be found in the SWMP.

Note: Some program elements are only required for certain MS4 levels. The tables clearly identify these MS4 level specific requirements. If one of these program element does not apply to the MS4 level for this facility, enter NA.

Additionally, MCM 7 is optional. If you selected “No” on the NOI Section 5.e.4 question, enter NA on Table 7.

FACILITY: Williamson-Travis Co MUD # 1	PAGE1 1 of 4	REVISION NUMBER: 001
MANUAL NAME: Inframark, LLC		REVISION DATE: 12/1/2021
DOCUMENT TITLE: SWMP Training Requirements for Annual Reporting in Accordance of TPDES General Permit No TXR040678		ORIGINATION DATE: 5-13-2016
DOCUMENT NO: WTC 1-AUSTIN-TX-WWOPS-001	DOCUMENT AUTHOR: Makenzi Scales	APPROVER: Kristi Hester

SWMP Training Requirements for Annual Reporting in Accordance of TPDES General Permit No. TXR040678

PURPOSE

The purpose of the annual report is to inform TCEQ of the status of compliance with permit conditions including, the appropriateness of selected best management practices (BMPs) and the progress towards achieving the measurable goals for each BMP.

SCOPE

This procedure shall apply to all office and field staff working for WTCMUD1. The definitions and procedures must be followed to ensure compliance with the SWMP permit.

DEFINITIONS

Annual report – Within 90 days of the end of each reporting year, the general manager must submit an annual report to the Texas Commission on Environmental Quality (TCEQ). An annual report must be submitted even if the SWMP has not yet been approved by the TCEQ or tasks are not yet complete.

- a. The reporting timeline for WTCMUD1 follows the fiscal budget year which is October 1 to September 31. Refer to chart below for times periods and report submittal dates.

Annual Report Time Periods Report Must Be Submitted By :

10/1/2019 to 9/31/2020	12/31/2020
10/1/2020 to 9/31/2021	12/31/2021
10/1/2021 to 9/31/2022	12/31/2022
10/1/2022 to 9/31/2023	12/31/2023
10/1/2023 to 9/31/2024	12/31/2024

- a. Review of the permit with field staff is to be completed bi-annually at a weekly safety meeting. Any staff that is not in attendance will receive training the following week as their work schedule permits.

Training – Storm Water Management training is to be conducted as follows:

- a. All newly hired staff performing tasks in the District will be trained by the Manager of the District.
- b. Office Administration who perform tasks for the District will be trained on the reporting requirements and share a binder that contains information regarding the permit requirements that relate to resident inquiries. This is to include slide presentations, statement inserts, information posted on the website and marketing materials.

FACILITY: Williamson-Travis Co MUD # 1	PAGE1 2 of 4	REVISION NUMBER: 001
MANUAL NAME: Inframark, LLC		REVISION DATE: 12/1/2021
DOCUMENT TITLE: SWMP Training Requirements for Annual Reporting in Accordance of TPDES General Permit No TXR040678		ORIGINATION DATE: 5-13-2016
DOCUMENT NO: WTC 1-AUSTIN-TX-WWOPS-001	DOCUMENT AUTHOR: Makenzi Scales	APPROVER: Kristi Hester

RESPONSIBILITY

The District Management Company is responsible for:

- a. Ensuring all employees working in the District receive training related to annual reporting procedures.
- b. Conduct a goal setting meeting with the Infrastructure Committee to achieve all the requirements defined in the Storm Management Plan.
- c. Report on the status and any compliance issues monthly to the Infrastructure Committee and Board meetings.
- d. The Manager of the District will meet with the field staff annually review the Stormwater Management Program (SWMP) in conjunction with the preparation of the annual report.
- e. Each year, the Management Company will sign and certify the annual report in accordance with 30 TAC §305.128.

PROCEDURES FOR ANNUAL REPORTING

- 1) Provide a brief description on the status of complying with permit conditions according to Part V of the permit. Include compliance with the SWMP that TCEQ approved, compliance with record keeping and reporting requirements, and compliance with permit eligibility requirements.
- 2) Assess the appropriateness of the BMPs in reducing the discharge of pollutants to the maximum extent practicable (MEP). Provide a general assessment of the appropriateness of the selected BMPs, including whether any of the selected BMPs are not appropriate.
- 3) Describe progress towards reducing the discharge of pollutants. Summarize any information used to evaluate reductions in the discharge of pollutants. This information can be included in a tabular format.
- 4) Provide a general evaluation of the success of the implementation of the measurable goals, including any obstacles or challenges in meeting the SWMP schedule, etc.
- 5) If applicable, explain in the worksheets or attach a summary of any activities taken to address any discharges to impaired systems (include the source of the data) and a summary of the small MS4's BMPs used to address the pollutant of concern.

FACILITY: Williamson-Travis Co MUD # 1	PAGE1 3 of 4	REVISION NUMBER: 001
MANUAL NAME: Inframark, LLC		REVISION DATE: 12/1/2021
DOCUMENT TITLE: SWMP Training Requirements for Annual Reporting in Accordance of TPDES General Permit No TXR040678		ORIGINATION DATE: 5-13-2016
DOCUMENT NO: WTC 1-AUSTIN-TX-WWOPS-001	DOCUMENT AUTHOR: Makenzi Scales	APPROVER: Kristi Hester

- a. Data may be acquired from TCEQ, local river authorities, partnerships, and/or other local efforts as appropriate.
 - b. Indicate information about implementing targeted controls.
 - c. Report the benchmark and assessment activities. Annual reports should include the benchmark and the year(s) during the permit term that the MS4 conducted additional sampling or other assessment activities.
 - d. Add an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark.
- 6). If changes have been made or are proposed to the SWMP, those modifications must be addressed in the annual report. If the TCEQ has notified The District in writing that changes to the SWMP are necessary, those changes must be included in the report. Provide the following information in the explanation: 1. Describe changes made to or proposed for the SWMP during the reporting year, including changes to BMPs, measurable goals, dates, contacts, procedures or details during the permit year. 2. 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.
- 7). Provide the number of construction projects in the jurisdiction of the MS4 where the permittee was not the construction site operator (as provided in submittals to the MS4 operator via notices of intent or site notices).
- 8). The annual report must be certified and signed by a principal executive officer or ranking elected official, or by a duly authorized representative as referenced in 30 TAC §305.128.
- 9). A cover letter must be included with the submittal of the annual report. Refer to the information provided by the online TCEQ website for information that is to be included in the cover letter:
<https://www.tceq.texas.gov/assets/public/permitting/stormwater/txr040000-2019-issued-permit.pdf>

FACILITY: Williamson-Travis Co MUD # 1	PAGE1 4 of 4	REVISION NUMBER: 001
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REFERNCE MATERIALS AND EXAMPLES

Exhibit A - Annual Reporting Requirements for Phase II (Small) MS4s TPDES
General Permit Number TXR040000

Exhibit B — Example of a status report for BMP

Exhibit C — Builders Constriction Violation Report

Exhibit D — Best Management Practices within WTYCMUD1

Exhibit E - Storm Water Plan for Williamson Counties Municipal Utility District No. 1.
Permit Number TXR040678

Exhibit F — Notice of Intent for WTCMUD1

Fact Sheet and Executive Director's Preliminary Decision

For proposed Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000 for discharges from small municipal separate storm sewer systems (MS4s) into surface water in the state.

Issuing Office: Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Prepared by: Stormwater Team (MC-148)
Wastewater Permitting Section
Water Quality Division, Office of Water
(512) 239-4671

Date: October 1, 2018

Permit Action: Amendment and Reissuance of a General Stormwater Permit for Phase II (Small) Municipal Separate Storm Sewer Systems (MS4s)

**Fact Sheet and Executive Director’s Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

I.	Summary	3
II.	Executive Director’s Recommendation.....	5
III.	Permit Applicability and Coverage	5
A.	NPDES Small MS4 General Permit Remand Rule	6
B.	Regulated Small MS4s Subject to Permitting.....	7
C.	Designated Small MS4s Subject to Permitting.....	7
D.	Permit Waivers	8
E.	Ineligible Discharges.....	9
F.	Allowable Non-stormwater Discharges	10
G.	Discharges from Small MS4 Construction Activities.....	11
IV.	Permit Conditions and Effluent Limitations	12
A.	Notice of Intent	12
B.	Public Notice and Public Participation.....	12
C.	Stormwater Management Program (SWMP)	13
D.	Reporting Requirements	22
V.	Changes From Existing General Permit:	22
VI.	Addresses	24
VII.	Legal Basis.....	25
VIII.	Regulatory Background.....	25
IX.	Permit Coverage	26
X.	Technology-Based Requirements	28
XI.	Water Quality-Based Requirements	29
XII.	Monitoring	29
XIII.	Procedures for Final Decision.....	30
XIV.	Administrative Record	31

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

I. Summary

The Texas Commission on Environmental Quality (TCEQ) is proposing to amend and renew the TPDES general permit for Phase II (small) municipal separate storm sewer systems (MS4s), TXR040000. This general permit was first issued and effective on August 13, 2007, and authorizes discharges from small MS4s into surface water in the state. The general permit specifies which small MS4s must obtain permit coverage, which are eligible for waivers, and which must obtain individual permit coverage. The permit also specifies that where discharges will reach waters of the U.S., a stormwater management program (SWMP) must be developed and implemented, and includes the minimum requirements for the SWMP.

The principal changes to the existing general permit include the following:

1. Phase II MS4 Remand Rule

The permit language was updated to comply with the federal Phase II MS4 Remand Rule that became effective on January 9, 2017, and requires permit language that is “clear,” “specific,” and “measurable”

The permit adds a public notice process for major modifications to SWMPs. (Permit Part II.E.6 and Fact Sheet Part IX 6).

TCEQ selected the two-step general permit option (procedural approach) under the NPDES rule. This is the approach TCEQ currently uses. *See* Part III.A. below for explanation.

2. Electronic Reporting Rule

The permit language was updated to comply with the federal e-Reporting Rule that became effective on December 21, 2015. The permit requires that small MS4s submit applications and annual reports electronically by December 21, 2020.

3. Application for Coverage

- a. The permit continues the requirement that operators of small MS4s that are fully or partly located within an urbanized area (UA), as determined by the 2000 or the 2010 Decennial Censuses, must obtain authorization for the discharge of stormwater runoff, and are eligible for coverage under the general permit unless otherwise specified. (Permit Part II.A.1 and Part II.E.1.(a))
- b. The requirement that newly regulated MS4s apply was removed, since the small MS4 universe has not grown during the 2013 - 2018 permit term and there are no newly regulated MS4s. (Permit Part II.E.1)
- c. The permit clarifies that operators of small MS4s that were previously authorized under the general permit must reapply for coverage under the reissued general permit. (Permit Part II.E.1(a))
- d. The permit continues categorizing small MS4s into four levels with different permit requirements applied to each level for some of the program elements. The permit clarifies that the level of a small MS4 is based on the population served by the small MS4 within the 2010 UA and based on the 2010 U.S. Census. A new Decennial Census during a permit term, will not affect the level of an MS4 until the permit is renewed. Non-traditional MS4s such as

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

transportation entities, will continue to be categorized as level 2 MS4s.
(Permit Part II.A.5) The levels continue to be:

- (1) Level 1 serves a population of less than 10,000 within a UA;
- (2) Level 2 serves a population of at least 10,000 but less than 40,000 within a UA. This category also includes all non-traditional small MS4s such as counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts, and other special districts (regardless of population served in the UA);
- (3) Level 3 serves a population of at least 40,000 but less than 100,000 within a UA; and
- (4) Level 4 serves a population of 100,000 or more within a UA.

4. Impaired Water Bodies and Total Maximum Daily Load (TMDL)

- a. Clarified in Part I and Part II that impaired waters include waters with an EPA approved TMDL that are found on the latest EPA approved *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies as not meeting applicable state water quality standards. (Permit Parts I and II.D.4)
- b. Added a requirement that MS4s annually check, in conjunction with preparation of the annual report, if a waterbody has been added to the latest EPA approved *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies. Newly listed waters must be addressed in the SWMP within two years following the approval date of the new list(s). The permit allows the MS4 to implement BMPs to address the pollutant of concern without submitting a notice of change (NOC). (Permit Part II.D.4)

5. Obtaining Authorization

- a. Added a requirement that MS4s annually review its SWMP in conjunction with preparations of its annual report. (Permit Part II.E.4)
- b. Clarified that annexation of lands or otherwise acquiring land and de-annexation of land or otherwise subtracting areas, requires SWMP changes but does not require submittal of an NOC. (Permit Part II.E.6)
- c. Added that the MS4 is responsible for implementing the program in new areas acquired by the MS4 as expeditiously as possible but no later than three years from the addition of the new area. (Permit Part II.7)

6. Stormwater Management Program (SWMP)

- a. Minimum Control Measures (MCMs) - The current permit continues the six (6) required MCMs in the SWMP. The permit revises the existing MCMs to comply with the federal Phase II MS4 Remand Rule to make the language "clear", "specific", and "measurable" and include additional controls and details where appropriate. The list of MCMs continues to include (1) Public Education, Outreach, and Involvement; (2) Illicit Discharge Detection and Elimination; (3) Construction Site Stormwater Runoff Control; (4) Post-

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

Construction Stormwater Management in New Development and Redevelopment; (5) Pollution Prevention and Good Housekeeping for Municipal Operations; and (6) Industrial Stormwater Sources.

Portions of these MCMs are required only for certain levels of small MS4s; for example, MCM (6), related to Industrial Stormwater Sources, is required only for Level 4 permittees, as they are similar in populations to Phase I MS4s, which this MCM is based on. The permit maintains the optional 7th MCM, related to construction activities where the small MS4 is the site operator. (Permit Part III.B)

- b. Added a requirement to MCM 2 that requires Level 4 MS4s to develop and implement a program for collecting floatables in the MS4, similar to requirements in Phase I MS4 permits. (Permit Part III.B.2)
- c. Added a requirement to MCM 5 that requires Level 4 MS4s to evaluate flood control projects for their ability to remove pollutants from stormwater, similar to requirements in Phase I MS4 permits. (Permit Part III.B.5)

7. MS4-Operated Construction Sites (Optional 7th MCM)

a. Stormwater Runoff from Concrete Batch Plants

Adjusted the benchmark value for total suspended solids for discharges from concrete batch plants under MCM 7 from 100 milligrams per liter (mg /L) to 50 mg/L to be consistent with the Sector E in the TPDES Multi Sector General Permit (MSGP) TXR050000, issued on August 14, 2016, and the TPDES Construction General Permit (CGP) TXR150000, issued on March 5, 2018. (Permit Part VI.E)

b. Effluent Limits

Added effluent limits for regulated construction sites based on the federal Effluent Limitation Guidelines (ELGs) at 40 CFR Part 450.21 that consist of a series of BMPs. (Permit Part VI.J.7)

II. Executive Director's Recommendation

The executive director has made a preliminary decision that this general permit, if reissued, meets all statutory and regulatory requirements. It is proposed that the general permit be issued to expire five years from date of issuance following the requirements of Title 30 Texas Administrative Code (TAC) § 205.5(a).

III. Permit Applicability and Coverage

There are two ways that a small MS4 would be required to obtain permit coverage. First, the federal National Pollutant Discharge Elimination System (NPDES) Phase II stormwater rules at 40 CFR § 122.32(a)(1) require authorization for the discharge of stormwater from small MS4s located fully or partially within a UA as defined by the U.S. Bureau of the Census (Census). These small MS4s are often referred to as *regulated* small MS4s. In addition, TCEQ can *designate* a small MS4 as requiring coverage (see federal Phase II rules at 40 CFR §§ 122.32(a)(2) and 123.35(b)). There are two groups that fall into this category. First, the rules require that TCEQ develop and apply designation criteria to small MS4s located outside of a UA that serve a jurisdiction with 10,000 or more people, and that have an average density of 1,000 or more people/square mile (See 40 CFR § 123.35(a)(2)). This assessment was required

Fact Sheet and Executive Director's Preliminary Decision TPDES General Permit Number TXR040000 for Small MS4s

by December 9, 2002, and the TCEQ after assessing those small MS4s that met this criteria did not designate any additional small MS4s requiring permit coverage. Secondly, the rules require TCEQ to designate any small MS4 as a regulated small MS4 where the small MS4 substantially contributes pollutants to a physically interconnected regulated MS4. Small MS4s meeting either of these criteria would be referred to as *designated* small MS4s. The rules also allow the TCEQ to designate additional small MS4s at any time. The portion of the small MS4 required to meet the conditions of the proposed general permit is that portion located within a UA, as well as any portion that is individually designated by the TCEQ. Maps detailing UAs is available at: <http://www.census.gov/geo/www/ua/2010Urbanruralclass.html>

The UA maps were updated by the U.S. Census Bureau during 2012 based on the results of the 2010 U.S. Census. Newly identified UAs on the updated maps are also regulated under the general permit.

In the preamble to the Phase II rules (See *Federal Register* (FR) 64, Number 235, page 68749), the EPA discusses instances where a municipal separate storm sewer may not be considered a system. The TCEQ agrees that certain complexes may have storm drainage structures that operate independently of each other (such as roof top drains flowing to the city street) rather than operating as a system. The TCEQ does not consider most elementary and secondary schools to operate a system, because each school building would normally drain to a city's MS4 rather than to a system of drains operated by a school district.

Similarly, a public office building complex may include roof and parking lot drains that flow to another entity's system. Universities, federal facilities, and many other public complexes do have a constructed drainage system, which would be defined as a small MS4, even if the drains eventually reach another MS4. In this general permit, the definition for small MS4 excludes storm drains associated with municipal (publicly owned) office and education complexes, where the complexes serve a nonresidential population, and where the buildings are not part of a larger MS4.

A. NPDES Small MS4 General Permit Remand Rule

On December 9, 2016, EPA issued the Small MS4 General Permit Remand Rule, with an effective date of January 9, 2017, to respond to a remand from the United States Court of Appeals for the Ninth Circuit in *Environmental Defense Center, et al. v. EPA*, 344 F. 3d 832 (9th Cir. 2003). Under the rule, EPA revised the small MS4 regulations to ensure that states review BMPs to be used by MS4s to ensure that the small MS4s reduces the pollutant in the discharge from their systems to the maximum extent practicable (MEP) and that states provide public notice and the opportunity to request a hearing.

The rule establishes two alternative approaches that states can use to issue small MS4 general permits. The first option is to issue a general permit that includes all permit terms and conditions to require the MS4 operator to reduce the discharge of pollutants from its MS4 to the MEP to protect water quality and to satisfy the appropriate water quality requirements of the CWA in one comprehensive general permit.

The second option allows states to establish the necessary terms and conditions in two steps. The first step is to issue a base general permit that contains terms and conditions for all MS4s. The second step requires that MS4s develop individual terms and conditions in their SWMPs that states will review. Public notice, comment period, and opportunity to request a public hearing is available for both steps in the second option.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

The rule also requires that permit terms and conditions are written in a language that is "clear," "specific," and "measurable" to avoid uncertainties as to what specific actions the MS4 is expected to take, and therefore make it easier to comply with and assess compliance. The preamble (*Fed. Reg.* Vol. 81, No. 237, December 9, 2016, p. 89335) explains that permit requirements that include "caveat" language such as: "if feasible," "if practicable," "to the maximum extent practicable," "as necessary," or "as appropriate" unless defined would generally not qualify as "clear," "specific," and "measurable."

SWMPs under the two-step option need to meet requirements in the Remand Rule, since detailed permit terms and conditions are outlined in the SWMP document, thus making the approved SWMP document enforceable.

TCEQ established terms and conditions under state rule 30 TAC Chapter 213 (Edwards Aquifer Rule) which is outside the NPDES program, are not consider part of the Remand Rule, therefore, permit language related to the Edwards Aquifer Rule remains unchanged.

TCEQ has chosen the two-step option (procedural approach) since the state has managed its small MS4 program in that manner since the issuance of the first TPDES Small MS4 General Permit in 2007.

B. Regulated Small MS4s Subject to Permitting

The proposed general permit would continue to authorize the discharge of stormwater runoff and certain non-stormwater discharges from the following small MS4s:

1. Small MS4s located wholly or partially within a UA as defined by the U.S. Census Bureau in the 2000 or 2010 Censuses, and
2. Small MS4s individually designated by the TCEQ as described in Section III.B of this fact sheet.

C. Designated Small MS4s Subject to Permitting

Certain small MS4s may be designated by the TCEQ as requiring permit coverage based on federal requirements at 40 CFR § 122.32(a)(2). The TCEQ has developed the following criteria, one or more of which may be considered in designating a small MS4:

1. Controls for discharges are determined to be necessary for source water protection of public drinking water resources based on the results of source water assessments by the TCEQ.
2. Controls for discharges are necessary to protect sea grass areas of Texas bays as delineated by the Texas Parks & Wildlife Department.
3. Controls for discharges are necessary to protect receiving waters designated as having an exceptional aquatic life use.
4. Controls are required for pollutants of concern expected to be present in discharges to a receiving water listed in the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies.
5. Discharges from an adjacent small MS4 are determined by TCEQ to be significantly contributing pollutants to the regulated MS4. The TCEQ would

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

make this determination after receiving a written request by a regulated adjacent MS4 operator.

6. Additional factors relative to the environmental sensitivity of receiving watersheds.

Specific thresholds are not established for each of the designation criteria. Instead, designation must occur following a case-by-case consideration and is based on a finding that controls are necessary to protect water quality. If designated, the MS4 operator will be notified by the executive director and allowed to apply for authorization under either the proposed general permit or an individual TPDES stormwater permit. The application for either permit must be submitted within 180 days of the notice.

In 2002, the TCEQ applied these designation criteria to the small MS4s located outside of a UA which served a jurisdiction with 10,000 or more people, and which had an average density of 1,000 or more people per square mile. At that time, the TCEQ did not designate any small MS4 or portion of a small MS4 that was not located within a UA. The TCEQ may evaluate small MS4s again that meet these criteria, as well as other small MS4s. Small MS4s that are not located within a UA may be designated by TCEQ at any time in the future, and will be required to develop and submit an NOI and SWMP within 180 days of being notified in writing by TCEQ of that designation. TCEQ may also designate small MS4s as a result of a petition received based on 40 CFR §123.35(c). According to the regulations, a determination would need to be made within 180 days of receiving such a written petition.

D. Permit Waivers

Two possible waivers from permitting requirements are provided in the federal rules at 40 CFR §122.32, and are continued in the proposed permit.

1. Waiver Option No. 1 - A small MS4 may qualify for a waiver if it serves a total population of less than 1,000 within a UA or UAs, and:
 - a. The small MS4 is not contributing substantially to the pollutant loadings of a physically interconnected MS4 that is regulated by the TPDES or NPDES stormwater program (40 CFR § 122.32(d)); and
 - b. If the small MS4 discharges any pollutant(s) that have been identified as a cause of impairment of any water body to which the small MS4 discharges, stormwater controls are not needed based on wasteload allocations that are part of an EPA approved or established Total Maximum Daily Load (TMDL) that addresses the pollutant(s) of concern;

In order to meet this waiver, the small MS4 operator must submit a letter requesting the waiver including the certifying statement that the above-described criteria for Waiver Option No. 1 are met. This waiver request must be submitted on a form approved by the TCEQ.

2. Waiver Option No. 2 – A small MS4 may qualify for a waiver if it serves a total population of less than 10,000 within a UA or UAs and meets all of the following criteria:
 - a. The TCEQ has evaluated all waters of the U.S., including small streams, tributaries, lakes, and ponds, that receive a discharge from the small MS4;
 - b. For all such waters, the TCEQ has determined that stormwater controls are not needed based on wasteload allocations that are part of an EPA approved or established TMDL that addresses the pollutant(s) of concern or, if a TMDL

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

has not been developed or approved, an equivalent analysis that determines sources and allocations for the pollutant(s) of concern; and

- c. The TCEQ has determined that future discharges from the small MS4 do not have the potential to exceed Texas surface water quality standards, including impairment of designated uses, or other significant water quality impacts, including habitat and biological impacts.

The receiving waters evaluation for Waiver Option 2 is a TMDL-equivalent evaluation that may be performed by the small MS4 using TCEQ protocol with appropriate guidance from the TCEQ. The evaluation would need to include the pollutants of concern, including at a minimum: biochemical oxygen demand (5-day); sediment (or a parameter that addresses sediment such as total suspended solids, turbidity, or siltation); pathogens; oil and grease; and any other pollutant that has been identified as a cause of impairment of any receiving water body. The small MS4 must coordinate with TCEQ Wastewater Permitting staff and Water Quality Assessment staff prior to initiating such a study.

Because of the comprehensive nature of the required receiving water evaluation, and the necessary finding that future discharges from the small MS4 could not potentially exceed water quality standards, Waiver Option No. 2 will be difficult to obtain. However, this option is allowed by federal rules and is therefore included in the proposed general permit and made available to certain small MS4s. The small MS4 would need to first coordinate with the TCEQ to determine if a waiver is attainable under this option, and must complete a TCEQ waiver form after completing all of the necessary studies.

E. Ineligible Discharges

The following discharges are not eligible for permit coverage under the proposed general permit and must obtain coverage under either an individual or an alternative general TPDES permit:

1. Discharges from Phase I (medium and large) MS4s (Phase I MS4s are those that are located in a city or county with a residential population of 100,000 or more based on the 1990 Census);
2. Discharges from small MS4s that would cause or contribute to a violation of water quality standards or that would fail to protect and maintain existing designated uses of receiving waters;
3. New sources or new discharges of the pollutant(s) of concern to impaired waters, unless otherwise allowable under TCEQ rules, applicable state law, and any TMDL and TMDL Implementation Plan (I-Plan) that exists for the applicable receiving water;
4. Stormwater discharges that combine with sources of non-stormwater, unless the non-stormwater source is an allowable non-stormwater discharge described in the proposed general permit, or the non-stormwater source is authorized under a separate TPDES permit; and
5. Discharges otherwise prohibited under existing state rules.
6. Discharges that would adversely affect a listed endangered or threatened species or its critical habitat are not authorized by this permit. Federal requirements related to endangered species apply to all TPDES permitted activities, and site-specific controls may be required to ensure that protection of endangered or threatened species is achieved.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

F. Allowable Non-stormwater Discharges

The following non-stormwater sources may be discharged from the small MS4 and are not required to be addressed in the small MS4's Illicit Discharge and Detection measure, or other minimum control measures (MCMs), provided that they have not been determined by the MS4 operator or the TCEQ to be substantial sources of pollutants to the small MS4:

1. Water line flushing (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life);
2. Runoff or return flow from landscape irrigation, lawn irrigation, and other irrigation utilizing potable water, groundwater, or surface water sources;
3. Discharges from potable water sources that do not violate Texas surface water quality standards;
4. Diverted stream flows;
5. Rising ground waters and springs;
6. Uncontaminated ground water infiltration;
7. Uncontaminated pumped ground water;
8. Foundation and footing drains;
9. Air-conditioning condensation;
10. Water from crawl space pumps;
11. Individual residential vehicle washing;
12. Flows from wetlands and riparian habitats;
13. Dechlorinated swimming pool discharges;
14. Street wash water excluding street sweeper waste water;
15. Discharges or flows from emergency firefighting activities (firefighting activities do not include washing of trucks, run-off water from training activities, test water from fire suppression systems, and similar activities);
16. Other allowable non-stormwater discharges listed in 40 CFR § 122.26 (d)(2)(iv)(B)(1);
17. Non-stormwater discharges that are specifically listed in the TPDES Multi Sector General Permit (MSGP) TXR050000 or the TPDES Construction General Permit (CGP) TXR150000;
18. Discharges that are authorized by a TPDES or NPDES permit or that are not required to be permitted; and
19. Other similar occasional incidental non-stormwater discharges, such as spray park water, unless the TCEQ develops permits or regulations addressing these discharges.

Discharge of the waters listed above may contain pollutants that would need to be addressed by the small MS4. For example, discharges from water line flushing could contain levels of chlorine that could have an impact on aquatic life, in which case the small MS4 may need to require that controls be put on the discharge of chlorinated water line flushing.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

G. Discharges from Small MS4 Construction Activities

The proposed general permit provides small MS4 operators an option to discharge stormwater runoff, and certain non-stormwater runoff, from construction sites under the authority of the small MS4 general permit, where the small MS4 is the operator of the construction activity.

In order for the MS4 operator to cover these activities under this general permit, an optional stormwater MCM must be developed and implemented to address these activities. The MCM must describe the general procedures the MS4 operator will develop to implement a stormwater pollution prevention plan (SWP3), with consideration for local weather and soil conditions, and the steps to be taken to meet and maintain the status as operator at small MS4 construction sites. The MS4 operator must also describe in the MCM the area within which construction related discharges will be authorized under this general permit. The permittee may choose to cover activities exclusively within the UA boundary, within corporate limits or extra territorial jurisdiction (ETJ), within special districts, or within other similar jurisdictional boundaries of the permittee. However, discharges from construction activities outside of the regulated area, such as outside of the UA or outside of the area(s) designated by TCEQ, are only eligible for authorization under this general permit for those areas where the MS4 operator meets the requirements of Parts III.B.1. through III.B.6 of the general permit, related to MCMs. The notice of intent (NOI) will require the permittee to provide information or a description on the boundary of coverage.

A separate detailed SWP3 must be developed and implemented for each regulated construction site. Contractors at a construction site where the small MS4 is the sole operator are not required to obtain separate authorization for stormwater discharges, provided the MS4 operator can meet and maintain the status of sole operator for the site, where the contractor does not meet the definition of operator for the site, and where the SWP3 is developed to address the activities of the contractor. If the contractor meets the definition of construction site operator, then the contractor would need to obtain authorization under the TPDES CGP or an individual permit.

40 CFR § 122.28(b)(2)(i), as adopted by reference in 30 TAC § 205.7, requires the submittal of an NOI to authorize certain discharges under a general permit. While 40 CFR § 122.28(b)(2)(v) allows some exceptions to this requirement, it does not exclude the permittee from the requirement to submit an NOI for authorization of discharges of stormwater runoff associated with industrial activity. Because federal rules at 40 CFR § 122.26(b)(14)(x) includes large construction sites in its definition of industrial activity, discharges of construction activity of five or more acres (including activities which are part of a larger common plan of development) are required to submit an NOI. Therefore, if an MS4 operator seeks to obtain coverage for these discharges under the proposed general permit, then the MS4 operator must include information on the construction activities on its NOI required under this general permit. The applicant must develop a SWP3 and include site-specific information on how construction activities will be conducted to control pollution. This information must be formalized as an MCM and incorporated as a part of the MS4 operator's SWMP.

The SWMP that is submitted with the NOI must include this optional MCM in order for the permittee's construction activities to be eligible for authorization under this general permit. The NOI will include a certification statement that the small MS4 must sign, where the MS4 operator agrees to comply with the conditions and requirements of this general permit for its construction activities. This certification

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

on the NOI will satisfy the previously cited regulatory requirement regarding the NOI. Separate NOIs for each construction activity are not required, provided that the appropriate information is included in the optional control measure. The MS4 operator must subsequently develop a separate SWP3 for each large and small construction activity, and must post a construction site notice that includes a signed certification that a SWP3 was developed and is implemented according to the conditions and requirements of this general permit. The site notice would be considered a "report" for the purposes of this general permit, and therefore may be signed by a person properly authorized by the MS4 operator under 30 TAC § 305.128, regarding delegation of signatory authority for reports.

If the MS4 operator determines that it does not wish to implement the optional seventh MCM at the time of original application under this general permit, and at a later date does choose to utilize this option, then an NOC will be equivalent to the NOI required under the rules.

If this optional MCM is not developed by the MS4 operator, then discharges of stormwater runoff from large and small construction activities must be authorized under the CGP or an individual TPDES permit. Additionally, if the MS4 operator either cannot or chooses not to meet and maintain the status as the sole operator for any specific construction activity, then authorization under a separate TPDES permit must be obtained for the additional operators during construction activities at that specific site. Finally, if the MS4 operator chooses not to utilize this optional MCM for one or more construction activities, then the MS4 operator must obtain separate authorization for the site(s) under the TPDES CGP or individual TPDES permit.

IV. Permit Conditions and Effluent Limitations

A. Notice of Intent

The proposed permit would require small MS4s to submit to the TCEQ a notice of intent (NOI) to comply with the conditions of the general permit, along with an attached SWMP.

B. Public Notice and Public Participation

An applicant under the proposed general permit would be subject to the following procedures:

1. The applicant must submit the NOI and attached SWMP to the executive director. TCEQ staff will review the application for administrative and technical completeness.
2. After the applicant receives written instructions from the TCEQ's Office of Chief Clerk, the applicant must publish notice of the executive director's preliminary determination on the NOI and SWMP.
3. The notice will be provided to the applicant, and will include, at a minimum:
 - a. The legal name of the applicant;
 - b. An indication whether the NOI is for a new small MS4 or is a renewal of an existing authorization;
 - c. The address of the applicant;

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

- d. A brief summary of the information included in the NOI, such as the general location of the small MS4 and a description of the classified receiving waters that receive the discharges from the small MS4;
 - e. The location and mailing address where the public may provide comments to the TCEQ;
 - f. The public location where copies of the NOI and SWMP, as well as the executive director's general permit and fact sheet, may be reviewed; and
 - g. If required by the executive director, the date, time, and location of the public meeting.
4. This notice must be published at least once in a newspaper of general circulation in the municipality or county where the small MS4 is located. If the small MS4 is located in multiple municipalities or counties, the notice must be published at least once in a newspaper of general circulation in the municipality or county containing the largest resident population for the regulated portion of the small MS4. This notice must provide opportunity for the public to submit comments on the NOI and SWMP. In addition, the notice must allow the public to request a public meeting (equivalent to a "public hearing" as required by 40 CFR §122.28(d)(2)(ii)). A public meeting will be held if the TCEQ determines that there is significant public interest.
 5. The public comment period begins on the first date the notice is published and ends 30 days later, unless a public meeting is held. If a public meeting is held, the comment period will end at the closing of the public meeting. The public may submit written comments to the TCEQ Office of Chief Clerk during the comment period detailing how the NOI or SWMP for the small MS4 fails to meet the technical requirements or conditions of this general permit.
 6. If significant public interest exists, the executive director will direct the applicant to publish notice of the public meeting and to hold the public meeting. The applicant must publish notice of a public meeting at least 30 days before the meeting and hold the public meeting in a county where the small MS4 is located. TCEQ staff will facilitate the meeting.
 7. If a public meeting is held, the applicant must be able to explain the contents of their NOI and SWMP. The applicant must also provide maps and other data on the small MS4. The applicant must provide a sign in sheet for attendees to register their names and addresses and furnish the sheet to the executive director. A public meeting held under this general permit is not an evidentiary proceeding.
 8. The applicant must file with the Chief Clerk a copy and an affidavit of the publication of notice(s) within 60 days of receiving the written instructions from the Chief Clerk.
 9. The executive director, after considering public comment, will either approve, approve with conditions, or deny the NOI based on whether the NOI and SWMP meet the requirements of this general permit.
 10. Persons whose names and addresses appear legibly on the sign in sheet from the public meeting and persons who submitted written comments to the TCEQ will be notified by the TCEQ's Office of Chief Clerk of the executive director's decision regarding the authorization.

C. Stormwater Management Program (SWMP)

The proposed SWMP requirements were developed based on:

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

1. The existing Phase II MS4 General Permit TXR040000 issued on December 13, 2013;
2. Input from the Stormwater Stakeholder Work Group;
3. Federal Phase II MS4 rules of 40 CFR § 122.28 and §§122.33 -122.35;
4. EPA guidance document of April 2010, entitled MS4 Permit Improvement Guide;
5. EPA Compendium of MS4 Permitting Approaches (EPA, 2016); and
6. EPA comment letters on Small MS4 draft permit (December 4, 2017, and July 31, 2018).

The proposed general permit allows small MS4s to share resources in meeting the responsibilities of the SWMP with other regulated MS4s that are either physically interconnected or that are located in the same watershed. This allowance will help to foster a more coordinated approach to resolving local water quality issues and to provide a more efficient use of local MS4 resources. MS4s may combine or share efforts necessary to meet the SWMP requirements of the permit, but each MS4 must be separately authorized (individual NOIs are required). Additionally, individual SWMPs must be developed and maintained by each of the MS4s. Each operator is separately responsible for compliance with the conditions of the general permit and the SWMP, even if efforts are combined or shared between the MS4s.

Small MS4s must develop a SWMP, according to the provisions of this general permit, to the extent allowable under state and local law, to address the portions of the small MS4 that are either located within the UA or that are designated by the TCEQ, with discharges that reach waters of the U.S.. Waters of the U.S. are defined in the general permit. Waters of the U.S. do not include waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the CWA. This exclusion applies only to manmade bodies of water that neither were originally created in waters of the U.S. (such as disposal area in wetlands) nor resulted from the impoundment of waters of the U.S. Waters of the U.S. do not include prior converted cropland.

The SWMP is a comprehensive document that details the steps that the small MS4 will take to reduce or eliminate pollutants in stormwater discharges to the MEP. The phrase "to the extent allowable under local law," as used in the paragraph above, means that small MS4s must develop any necessary ordinances, regulations, or other regulatory controls to meet the general permit requirements to the extent that their authority to make such ordinances is not prohibited by state or federal statutes or regulations.

Under the two-step permitting approach the SWMP details the terms and conditions of the general permit. The SWMP is therefore considered part of the permit thereby making terms and conditions in an approved SWMP enforceable. Like the general permit, language in the SWMP must be clear, specific, and measurable and meet requirements under the Remand Rule. Proposed SWMPs submitted to TCEQ during the renewal process will, during the technical reviews, be screened to ensure that terms and conditions are consistent with the Remand Rule.

Operators of non-traditional small MS4s, such as counties, drainage districts, and transportation entities, may lack the authority to develop ordinances or to implement enforcement actions. For these MS4 operators, the general permit requires the permittee to enter into inter-local agreements with municipalities in which the small MS4 is located. These inter-local agreements must include procedures for enforcement and inspections to the extent necessary to meet the goals of the general permit. Where the permittee is unable to enter into an inter-local agreement, the

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

permittee may report instances of non-compliance or possible illicit discharges to the appropriate TCEQ Regional Office for possible follow-up investigations or enforcements.

The permit requires the small MS4 to ensure that it has adequate resources and funding necessary to meet all requirements of the permit.

The small MS4s must develop a SWMP to include the MCMs described below, which are based on federal rules at 40 CFR§122.28, §122.34(b) and §122.26(d)(2)(iv). The MS4 must select BMPs under each MCM along with measurable goals that are used to determine the effectiveness of the SWMP. The permit continues the tiered approach introduced in the Small MS4 General Permit issued on December 13, 2013, to meet the MCM requirements such that some categories, or Levels, of MS4 operators are not required to implement all or all parts of the MCMs. The small MS4s are continued to be categorized by the following four Levels:

Level 1: Operators of small MS4s that serve a population less than 10,000 within a UA;

Level 2: Operators of small MS4s that serve a population of at least 10,000 but less than 40,000 within a UA. This category also includes all non-traditional small MS4s such as counties, drainage districts, transportation entities, universities, colleges, correctional institutions, municipal utility districts and other special districts regardless of the population served within a UA or UAs;

Level 3: Operators of small MS4s that serve a population of at least 40,000 but less than 100,000 within a UA;

Level 4: Operators of small MS4s that serve a population of 100,000 or more within a UA.

The six MCMs are separately described below and include:

1. Public Education, Outreach, and Involvement

The federal Phase II rules require regulated small MS4 operators to implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff (see 40 CFR §122.34(b)(1)). The rules also require a public involvement and participation program that complies with state and local public notice requirements (see 40 CFR § 122.34(b)(2)).

The draft general permit requires small MS4s to educate the public about the impact of stormwater discharges on receiving water bodies and what steps they can take to reduce the contamination of stormwater. The small MS4s are encouraged to use existing public materials in their program, such as using examples from the EPA's Nonpoint Source Outreach Toolbox (www.epa.gov/nps/toolbox) or from other agencies and municipalities with similar public education goals.

The SWMPs can be greatly improved by involving the community throughout the entire process of developing and implementing the program. Involving the community will benefit the permittee itself as well as the community. By listening to the public's concern and coming up with solutions together, the permittee will gain the support of the public and the community will become invested in the program.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

The permittee will likewise gain even more insight into the most effective ways to communicate its messages.

The permit requires the permittee to involve the public (for example, provide opportunities for public comment or public meeting) in the development of the program. Public input and involvement can include many different activities such as meeting with local land planners and provide input on land use code or ordinance updates, stream clean-ups, storm drain marking, and volunteer monitoring.

As a new requirement to this general permit, MS4s having a public website are required to post their SWMP and the annual report on their website to share information with the public.

Permittees are encouraged to work together with other entities that have an impact on stormwater to implement this MCM.

2. Illicit Discharge Detection and Elimination (IDDE)

The Phase II regulations require regulated small MS4 operators to develop, implement, and enforce a program to detect and eliminate illicit discharges into the MS4 (See 40 CFR §122.34(b)(3)). Through the IDDE MCM the permittee is required to respond to complaints about illicit discharges or spills and to actively investigate illicit discharges and behaviors that could result in illicit discharges such as illegal connection to the small MS4, improper disposal of wastes, or dumping of used motor oil or other chemicals.

The permit requires the permittee to have an up-to-date MS4 map. Level 4 permittees are required to identify areas with a high risk for illicit discharges, and these areas must be prioritized for more frequent investigations. Priority areas could include: (1) Areas with older infrastructure that are more likely to have illicit discharges; (2) Industrial, commercial, or mixed use areas; (3) Areas with a history of illegal dumping; (4) Areas with a history of illegal discharges; (5) Areas with onsite sewage disposal systems; (6) Areas with older sewer lines or with a history of sanitary sewer overflows (SSOs) or cross-connections; (7) Areas that discharge to sensitive waterbodies; and (8) Areas within sensitive watersheds.

The CWA § 402(p)(3)(B)(ii), requires MS4 permits to “effectively prohibit non-stormwater discharges into the storm sewers.” The permit implements this requirement, in part by requiring the development of procedures to investigate and eliminate illicit discharges. Standard operating procedures (SOPs) with necessary forms provide guidance to investigators and ensure that consistent investigations occur of every illicit discharge incident.

The public must have a central contact point, such as a stormwater hotline, to report observed illicit incidents. An incident could be anything from an overturned gasoline tanker to sediment leaving a construction site or a sanitary sewer overflow entering the storm drain.

The permit requires the permittee to implement a method for informing or training field staff, who may come into contact or observe illicit discharges, on the identification and proper procedures for reporting illicit discharges. Field staff to be trained may include, but are not limited to, municipal maintenance staff, inspectors, and other staff whose job responsibilities regularly take them out of the office and into areas within the MS4 area. Permittee field staff is out in the community on a day-to-day basis and are in the best position to locate and report spills, illicit discharges, and potentially polluting activities. With proper training and information

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

on reporting illicit discharges easily accessible, these field staff can greatly expand the reach of the IDDE program.

The permit requires MS4s serving a population more than 100,000 (Level 4 MS4s) to develop a dry weather screening program. The program consists of field observations and field screening monitoring. Visually screening outfalls during dry weather and conducting field tests, where flow is occurring, will assist permittees in determining the source of illicit discharge. For example, the presence of surfactants is an indicator that sewage could be present in the discharge and the parameters specific conductivity, ammonia, surfactant, pH and other chemicals may similarly be indicative of industrial sources.

Under this general permit, Level 4 MS4s are also required to develop a program to reduce the discharge of floatables (for example, litter and other human-generated solid refuse) in the MS4. The MS4 will be required to maintain two locations where floatable material can be removed before the stormwater is discharged to or from the MS4. This program has been in place for similar size MS4s under the federal Phase I MS4 regulations that were issued in 1990 and defined Phase I MS4s as MS4s located in an incorporated place with a population of 100,000 or more but less than 250,000 as determined by the 1990 Decennial Census by the U.S. Bureau of the Census. (40 CFR § 122.26(b)(7)(i)). It is therefore appropriate to add this requirements to these similar size MS4s.

3. Construction Site Stormwater Runoff Control

The Phase II regulations require regulated small MS4s to develop, implement, and enforce a program to reduce pollutants in stormwater runoff to the MS4 from construction activities that result in a land disturbance of one acre or greater (See 40 CFR § 122.34(b)(4)). In this permit, the definition for construction activity is clarified to also include construction related activities such as stockpiling of fill material and demolition.

The permit requires the permittee to ensure that construction site operators use appropriate erosion and sediment controls to reduce or eliminate impacts on receiving water bodies.

The permittee is required to implement procedures to conduct inspections of large and small construction projects. Level 3 and 4 MS4s are further required to maintain an inventory of construction sites in their area. This will help the permittee to effectively know where the construction activities are occurring. A construction site inventory could track information such as project size, disturbed area, distance to any water body or flow channel, when the erosion and sediment control or stormwater plan was approved by the permittee, and whether the project is covered by the TCEQ's CGP. Such information will help the permittee to track and target its inspection.

The permit requires the permittee to develop and implement site plan review procedures, which describes which plans will be reviewed as well as when an operator may begin construction. The permittee is required to develop SOPs to perform the site plan reviews to ensure that the review process is consistent. The site plan review also provides the permittees with a way to track construction sites.

The permit requires the permittee to implement procedures for performing inspections of construction sites. Inspection frequencies must be based on the evaluation of factors that are a threat to water quality such as soil erosion potential, site slope, proximity to receiving waters, and water quality status of the receiving

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

water. The sites must be inspected during the active construction phase, to ensure that stormwater controls are maintained.

For inspections to be successful the permittee is required to develop inspection and enforcement procedures. The permit language includes minimum requirements that construction site inspections must include. Also, the permittee must ensure MS4 staff is trained to perform the inspections.

4. Post-Construction Stormwater Management in New Development and Redevelopment

The Phase II stormwater regulation requires regulated small MS4s to develop, implement, and enforce a program to address stormwater discharges from new development and redevelopment sites that disturb one acre or more, and requires that the program ensure controls are in place that would prevent or minimize water quality impacts (See 40 CFR §122.34(b)(5)).

Developed land changes the hydrology of sites, potentially leading to higher stormwater discharge volume and higher pollutant loads. Frequently, the volume, duration, and velocity of stormwater discharges can cause degradation to aquatic systems.

The permit requires that MS4 operators have owners and developers install and maintain stormwater control measures appropriate for the community. In addition, permittees are required to maintain all long term post-construction stormwater controls measures. In many cases, controls will be located on private property, and it will be necessary to establish some provisions to assure the responsibility and accountability for the operation and maintenance of these controls.

Structural controls may include practices such as rainwater harvesting, rain gardens, permeable pavement, and vegetated swales; which are considered to be low impact development practices or green infrastructure BMPs.

The permittees are required to inspect post-construction controls to ensure that control measures are operating correctly and are being maintained. Without maintenance, stormwater controls will not be able properly to protect water quality.

For the purpose of the permit "Redevelopment" does not include routine maintenance activities and linear utility installation. Examples of linear utility installation are construction activities that maintain the original line, grade, and hydraulic capacity of the surrounding areas, such as the installation of underground gas lines, fiber-optic cable, cable TV, electric, telephone, sewer mains and water mains. Routine maintenance activities are construction activities that are performed to maintain the original line and grade, hydraulic capacity, or original purpose of a facility, including but not limited to: (1) Re-grading of gravel roads or parking lots; (2) stream bank restoration projects (does not include the placement of spoil material); (3) Cleaning and shaping of existing roadside ditches and culverts that maintains the approximate original line and grade, and hydraulic capacity of the ditch; (4) Placement of aggregate shoulder backing that makes the transition between the road shoulder and the ditch or embankment; (5) Full depth milling and filling of exiting asphalt pavements, replacement of concrete pavements slabs, and similar work that does not expose soil or disturb the bottom six inches of subbase material; (6) Long-term use of equipment storage areas at or near highway maintenance facilities; (7) Removal of sediment from the edge of the highway to restore a previously existing sheet-flow drainage connection from the highway surface to the

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

highway ditch or embankment; and (8) Replacement of curbs, gutters, sidewalk and guard rail posts.

5. Pollution Prevention and Good Housekeeping for Municipal Operations

The stormwater Phase II regulations require operators of regulated MS4s to develop and implement an operation and maintenance program that includes a training component with the ultimate goal of preventing or reducing pollutant runoff from municipal operations (See 40 CFR §122.34(b)(6)).

The permit requires the MS4 operator to maintain an inventory of municipal facilities and of stormwater controls. Municipally owned facilities serve as hubs of activity for a variety of municipal staff from many different departments. Some municipalities will have one property where all activities take place (for example, the municipal maintenance yard), whereas others will have several specialized facilities. An inventory of facilities will assist staff responsible for stormwater compliance build a better awareness of their locations within the small MS4 service area and their potential contribution to stormwater pollution. The facility inventory will also serve as a basis for setting up periodic facility assessments and developing, where necessary, facility stormwater pollution plans.

The permit requires Level 3 and Level 4 permittees to perform, once per permit term, an assessment of its facilities to identify which of the facilities are most likely to contribute stormwater pollutants and that need stormwater controls. Those facilities with a high potential to generate stormwater pollutants must be described as *high priority* facilities and this category of facilities are required to have facility specific stormwater management SOPs. Developing and maintaining site-specific SOPs for each facility will help ensure that employees responsible for facility operation are aware of the stormwater controls required for the site.

The permit requires Level 3 and Level 4 permittees to develop an inspection program to perform inspections of, at a minimum, high priority municipal facilities and to document the results of the inspections. Regular inspections will allow inspectors to observe different types of operations that occur at different times of the year (e.g. landscape maintenance crews are less active in the winter) and ensure that corrective action can be taken where necessary to improve stormwater controls.

The permit includes requirements for MS4 operation and maintenance activities, such as maintaining the storm sewer system, maintaining roads, and managing chemical applications. Level 3 and Level 4 small MS4s are required to develop an operations and maintenance (O&M) program to reduce the collection of pollutants in catch basins and other surface drainage structures. Catch basins collect and trap stormwater pollutants such as sediments, metals, hydrocarbons, bacteria, pesticides, trash, and other pollutants. Since these basins collect solids they need to be cleaned out on a regular basis to prevent pollutants from being discharged to water bodies. The materials removed from catch basins need to be treated and disposed of in a manner so that it does not reenter the small MS4.

The O&M of roads may, for Level 3 and Level 4 small MS4s, include a street sweeping program. Street sweeping removes both fine and large particles from streets and therefore has a positive effect on water quality. Some small MS4s have roads without a curbs and gutters, and they are therefore not suitable for street sweeping. In these cases source controls or inlet protection measures, to minimize pollutant discharges to storm drains and creeks, can be used in place of sweeping.

Fact Sheet and Executive Director's Preliminary Decision TPDES General Permit Number TXR040000 for Small MS4s

The permit includes requirements for Level 4 small MS4s for managing public spaces, such as by addressing the application of pesticides, herbicides, and fertilizers. The permit language encourages non-chemical solutions, such as using native plants that are adapted to local conditions and therefore requires fewer chemicals and to replace pesticide use with manual insect and weed removal thereby reducing chemical exposure to stormwater.

The Phase II regulations found at 40 CFR §122.34(b)(6) specifically requires that the permittee develop a "training component" that trains employees "to prevent and reduce stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and stormwater system maintenance. The permit requires the permittee to develop a training program to train all appropriate employees involved in implementing pollution prevention and good housekeeping practices.

The permit includes language for situations where permittees use third-party contractors to conduct municipal maintenance activities. Contractors must be held to the same standards as the permittee.

This permit adds a requirement for Level 4 MS4s to assess their flood control projects for their impacts on receiving waters and determine if existing structures could be retrofitted. New flood control projects must be designed, constructed, and maintained to provide erosion control and pollutant removal from stormwater. This program has been in place for similar size MS4s under the Phase I MS4 program since the federal Phase I stormwater regulations were issued in 1990, and it is therefore appropriate to add these requirements to these similar sized MS4s.

6. Industrial Stormwater Sources

The Phase I stormwater regulation, found at 40 CFR §§122.26(d)(2)(i)(B, C, E, and F), 122.26(d)(2)(iv), and 122.26(d)(2)(iv)(A), requires permittees to develop and implement an inspection and oversight program to monitor and control pollutants in stormwater discharges from industrial facilities.

The permit continues the Industrial Stormwater Sources MCM for small MS4s that serve a population of 100,000 or more within a UA. EPA's MS4 Improvement Guide recommends this MCM be included in Phase II permits, and TCEQ has decided that it is appropriate to include it for those Phase II MS4s that have similar populations as the Phase I MS4s.

The permit requires the permittee to identify and control pollutants in stormwater discharges to small MS4s from industrial or commercial sites that contributes a substantial pollutant loading to the small MS4. The permit language under this MCM is similar to language in some Phase I MS4 individual permits.

7. Authorization for Construction Activities Where the MS4 is the Site Operator

The MS4 operator may develop an optional seventh MCM for discharges from construction activities, and may obtain authorization under the general permit for discharges from construction activities where the MS4 is the operator. In order to qualify for this provision, MS4 operators must maintain control over the plans and specifications of the construction activity, or must maintain the status of the operator with day-to-day operational control over the construction site, to the extent necessary to meet the requirements of the SWP3 for that site.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

Implementation of this MCM allows the small MS4 to obtain the necessary authorization under the terms of this five-year term permit and replaces the requirement to seek separate permit coverage for each construction activity that it conducts. Where the small MS4 is able to demonstrate it is the sole operator for these activities, by meeting both criteria listed in the definition of "construction site operator," contractors would not have to seek separate authorization. This provision is allowed for construction activities located in the regulated area, such as within a UA or within an area designated by TCEQ.

Small MS4s are required to summarize in the annual report pertinent information related to the construction activities performed in the previous year. Small MS4s electing this provision must notify the TCEQ when submitting the NOI, along with an attached SWMP that includes this measure. Utilization of the optional seventh MCM does not preclude a small MS4 from obtaining coverage under the TPDES Construction General Permit, TXR150000, or under an individual TPDES permit.

8. SWMP Implementation.

The SWMP may be implemented on a scheduled stepwise basis throughout the term of the general permit. If full development and implementation of the SWMP is not practicable, then the program must be developed with targeted milestones establishing a schedule that represents the MEP standard.

Implementation must be initiated upon receipt of written approval from the TCEQ of the NOI and SWMP. The general permit contains provisions that allow revisions to the SWMP throughout the term of the permit, without immediate notification to the TCEQ, so that SWMPs can be adjusted based on experiences and findings to become more effective and efficient. Schedules for SWMP implementation, the status of the implementation schedules, and modifications to the SWMP must be summarized in the annual report. These permit provisions allow small MS4s to develop and implement SWMPs according to available funding, manpower, and ability and allow for revisions where more efficient or effective BMPs are identified. Complete implementation of the SWMP is required within five years from the date of issuance of the general permit.

During the application process, regulated MS4 operators must implement the SWMP that was approved under the previous permit term, and they will have five years to implement new portions of the SWMP.

Federal rules at 40 CFR § 123.35(g) require permitting authorities to issue a menu of BMPs to assist small MS4s in complying with the Phase II regulations. TCEQ has adopted the EPA menu of BMPs by including that menu as a resource to small MS4s through a link on the TCEQ stormwater web page at:

<https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#edu>

The TCEQ may develop additional guidance during the term of this permit and will make any guidance available on the TCEQ's web page at:

<https://www.tceq.texas.gov/permitting/stormwater/ms4>

and

<https://www.tceq.texas.gov/assistance/water/stormwater/sw-ms4.html>

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

D. Reporting Requirements

1. The proposed general permit requires small MS4s to provide documentation on the development, implementation, and evaluation of the SWMP. The documentation must be included as a part of the SWMP and may be required to be submitted in the annual report. The preparation and review of the annual report by the small MS4 may ensure progressive improvement of stormwater controls and reduce pollutants to the maximum extent practicable. At a minimum, the documentation must include:
 - a. A list of any public or private entities assisting with the development or implementation of the SWMP;
 - b. If applicable, a list of MS4 operators contributing to the development and implementation of the SWMP, including a clear description of the contribution;
 - c. A list of all BMPs and measurable goals for each of the MCM;
 - d. A schedule for the implementation of all SWMP requirements;
 - e. A description of how each measurable goal will be evaluated; and
 - f. A rationale statement that addresses the overall program, including how the BMPs and measurable goals were selected.
2. Additionally, the small MS4 must evaluate the following items and must include the information in an annual report:
 - a. Program compliance;
 - b. The appropriateness of the chosen BMPs; and
 - c. Progress toward achieving identified measurable goals.
3. On December 21, 2015, EPA issued the NPDES Electronic Reporting Rule (40 CFR Part 127) requiring NPDES regulated entities to report electronically. Therefore, by December 21, 2020, TCEQ requires small MS4s to submit applications and annual reports electronically by using the e-permitting system on the TCEQ website.

V. Changes From Existing General Permit:

The major changes to the permit include the following:

1. Added the following definitions: "Infeasible", "Benchmarks", "Implementation Plan (I-Plan)".
2. Revised definition for "construction activity" to include other construction related activities (e.g. stock piling of fill material and demolition) to be consistent with the TPDES CGP TXR150000 effective on March 5, 2018. (Part I in the permit)
3. Revised the definition for "Impaired Water" to include TMDL waterbodies that are listed on the latest EPA approved *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies as not meeting applicable state water quality standards. (Part I in the permit)

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

4. Revised the definition of "Waters of the United States" by removing "cooling ponds" since they are no longer defined in 40 CFR § 423.11. (Part I in the permit)
5. Updated language throughout the permit to comply with the Phase II MS4 Remand Rule issued on December 9, 2017, to make the language clear, specific, and measurable.
6. Added that SWMP updates that are considered major permit modifications require public notice and an opportunity for a public meeting (equivalent to a "public hearing" as required by 40 CFR §122.28(d)(2)(ii)). (Part II.E.6 in the permit)
7. Added that the levels of small MS4s is based on most recent U.S. Census at the time of permit issuance. A national Census held during a permit term will not affect the level on an MS4 until the general permit is renewed. (Part II.A.5 in the permit)
8. Clarified that waters listed on both the CWA § 303(d) list and the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies are considered impaired and added a new requirement to annually check for newly impaired waters in the MS4's permitted area. Newly listed water bodies must be address in the SWMP within two years from the approval date of the new list(s) (Part II.D.4 in the permit)
9. Added a requirement that by December 21, 2020, permittees must submit applications and annual reports online using the electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. (Part II.E and Part VI.B.2 in the permit)
10. Made clarifications to BMPs and replaced "benchmark" with "benchmark value" where appropriate. (Part II.D.4 of the permit)
11. Clarified that regulated MS4s located in a 2010 and 2000 UAs (previously regulated MS4s) are required to apply. (Part II.E.1 in the permit)
12. Added a requirement that permittees must conduct an annual review of its SWMP in conjunction with preparation of the annual report. (Part II.E.4 in the permit)
13. Added a new section "Transfer of Ownership, Operational Authority, or Responsibility for SWMP Implementation" explaining that implementation of the SWMP in new areas must be done as expeditiously as possible, but no later than three years from addition of the new area. Within 90 days of transfer of ownership, operational control, or responsibility for SWMP implementation the MS4 must have developed a plan for implementing the SWMP. (Part II.E.7 in the permit)
14. Removed a section under SWMP Development and Schedule for new regulated small MS4s. (Part III.A.1 in the permit)
15. Added language under MCM 1. Public Education, Outreach, and Involvement that the permittee is required to post its SWMP and annual report on its website, if the MS4 has a website. (Part III.B.1 in the permit)
16. Added a requirement to MCM 2. Illicit Discharge Detection and Elimination that Level 4 MS4s needs to develop a program to reduce the discharge of floatables in the MS4. (Part III.B.2 in the permit)

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

17. Clarified under MCM 3. Construction Site Stormwater Runoff Control that soil stabilization must be completed as soon as practicable, but no more than 14 calendar days after the initiation of soil stabilization measures to be consistent with the TPDES CGP TXR150000. (Part III.B.3 in the permit)
18. Added a requirement under MCM 5. Pollution Prevention and Good Housekeeping for Municipal Operations that Level 4 MS4s need to evaluate their flood control projects to assess their impacts on receiving waters. (Part III.B.5 in the permit)
19. Replaced "Field Operations Support Division" with "The appropriate TCEQ Regional Office." (Parts III and IV in the permit)
20. Under the 7th optional MCM. Authorization for Municipal Construction Activities, lowered the benchmark value for suspended solids from 100 mg/L to 50 mg/L for concrete batch plants for consistency with Sector E in the MSGP TXR050000 issued on August 14, 2016 and the CGP TXR150000 issued on March 8, 2018. (Part VI.E in the permit)
21. Added a requirement that analytical results must be obtained from a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory according to state rules listed in 30 TAC Chapter 25. (Part VI.E in the permit)
22. The application fee for submittal of an NOI was increased from \$100.00 to \$400.00.

VI. Addresses

Questions concerning this proposed general permit should be sent to:

TCEQ, Stormwater Team Leader
Wastewater Permitting Section (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087
(512) 239-4671
swgp@tceq.texas.gov

Comments regarding the proposed general permit during the public comment period must be submitted either by mail to the following address, by facsimile (fax) followed by mail, or electronically as described below (please refer to the public notice for official instructions):

By Mail:
TCEQ, Chief Clerk's Office (MC-105)
P.O. Box 13087
Austin, Texas 78711-3087

By fax: (512) 239-3311*

*Fax must be followed by hard copy in mail to CCO at address above within three days of fax date.

Electronically:

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

<http://www14.tceq.texas.gov/epic/eComment/>

**Questions Regarding Public Comments Should Be Directed to CCO: (512)
239-3300**

Supplementary information on this Fact Sheet is organized as follows:

VII. Legal Basis

Texas Water Code (TWC) Section (§) 26.121 makes it unlawful to discharge pollutants into or adjacent to water in the state except as authorized by a rule, permit, or order issued by the commission. TWC, § 26.027 authorizes the commission to issue permits and amendments to permits for the discharge of waste or pollutants into or adjacent to water in the state. TWC, § 26.040 provides the commission with authority to amend rules adopted under TWC § 26.040 prior to amendment of the statute by House Bill (HB) 1542 in 1997, and to authorize waste discharges by general permit. On September 14, 1998, TCEQ and EPA executed a memorandum of agreement (MOA) delegating to TCEQ administration of the NPDES program, which is operated as the TPDES program in the state.

CWA, §§ 301, 304, and 401 (33 United States Code (USC), §§ 1331, 1314, and 1341) include provisions that state that NPDES permits must include effluent limitations requiring authorized discharges to: (1) meet standards reflecting levels of technological capability; (2) comply with EPA-approved state water quality standards; and (3) comply with other state requirements adopted under authority retained by states under CWA, § 510 and 33 USC, §1370.

VIII. Regulatory Background

The 1972 amendments to the Federal Water Pollution Control Act, later referred to as the CWA, prohibit the discharge of any pollutant to navigable waters of the U.S. from a point source unless the discharge is authorized by an NPDES permit. Efforts to improve water quality under the NPDES program traditionally have focused on reducing pollutants in industrial process wastewater and municipal sewage treatment plant discharges. Over time, it has become evident that more diffuse sources of water pollution, such as stormwater runoff from small MS4s, are also significant contributors to water quality problems. EPA developed permit requirements for small MS4s that are intended to improve water quality by reducing the quantity of pollutants that stormwater discharges into storm sewer systems during storm events.

In 1990, EPA promulgated rules establishing Phase I of the NPDES stormwater program. Phase I addresses discharges from medium and large MS4s, which are those MS4s with a population of 100,000 people or more, based on the 1990 Census. Phase I MS4s were required by the EPA to obtain individual NPDES permits. No additional Phase I MS4s will be created by later census results.

The federal Phase II stormwater regulations extended permitting requirements to certain small MS4s, and required that a more general stormwater management program (SWMP) be developed than was required for medium and large MS4s under Phase I. The Phase II regulations were published on December 8, 1999 in the *Federal Register*, requiring affected small MS4s to obtain permit coverage by March 10, 2003. The Phase II regulations are identified in federal rules at 40 CFR §§ 122.30 through 122.37, which were adopted by the TCEQ at 30 TAC § 281.25(b). In 2016, EPA issued the Small MS4 Remand rule, which is a procedural federal rule ensuring that states review BMPs selected by the MS4s and ensures the public are provided notice and the

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

opportunity to request a public hearing on applications for MS4 permit coverage. The Phase II regulations were revised in 40 CFR §§122.33 and 122.34 and a new paragraph (d) was added to 40 CFR §122.28 requiring permitting authorities to select one of two general permit options.

This proposed TPDES general permit would offer the necessary authorization for these small MS4 discharges.

IX. Permit Coverage

1. The proposed general permit would apply to discharges of stormwater runoff associated with small MS4s. The guidelines for small MS4s were published in the *Federal Register* on December 8, 1999 (64 FR 68722).
2. Applicants seeking authorization to discharge stormwater runoff from small MS4s under the conditions and requirements of the proposed general permit must submit a completed NOI on a form approved by the executive director, as well as a description of the SWMP. The NOI form will include at minimum, the legal name and address of the owner and operator, the facility name and address, a specific description of its location (including the street address, if applicable, and county), the type of facility and discharge, the name of the receiving water, information on impaired waters, the boundary of the area where construction activities are covered under the general permit (if the optional MCM is developed), and other information requested by the TCEQ. The NOI must be signed according to TCEQ rules at 30 TAC § 305.44, which establishes requirements regarding who may sign an application for a permit, and requires that a legal certification be made regarding the permit application. The specific language in this rule can be found at:

http://texreg.sos.state.tx.us/public/readtacSext.ViewTAC?tac_view=3&ti=30&pt=1

by searching Chapter 305, Subchapter C (related to Application for Permit).

MS4 operators can locate information regarding the classified segment(s) receiving the discharges from the MS4 in the "Atlas of Texas Surface Waters" at the following TCEQ web address. This document includes identification numbers, descriptions, and maps:

http://www.tceq.texas.gov/comm_exec/forms_pubs/pubs/gi/gi-316/index.html

or use the Surface Water Quality Data Viewer found at the TCEQ web address at:

<https://www.tceq.texas.gov/waterquality/monitoring/index.html>

MS4 operators can find the latest EPA-approved list of impaired water bodies (the Texas 303(d) List) and the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)*, which lists the category 4 and 5 water bodies, at the following TCEQ web address:

http://www.tceq.texas.gov/compliance/monitoring/water/quality/data/wqm/305_303.html

MS4 operators need to use the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)* which lists the category 4 and 5 water bodies to search for impaired water bodies with an approved TMDL, since those water bodies no longer are listed on the CWA 303(d) list.

If a waterbody with a TMDL eventually meets water quality standards, it is moved to category 1 and will be removed from the *Texas Integrated Report of Surface Water Quality for Clean Water Act (CWA) Sections 305(b) and 303(d)*. However,

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

if the TMDL is still in place for the waterbody, MS4s must continue to follow the TMDL implementation plan for that waterbody to ensure that water quality standards are met.

3. Submission of an NOI and SWMP is an acknowledgment by the regulated small MS4 that the conditions of this general permit are applicable to the proposed discharges and that the applicant agrees to comply with the conditions of the general permit. Discharge authorization begins when the applicant is notified by TCEQ that the NOI and SWMP have been administratively and technically reviewed, and the applicant has followed the public participation provisions in the general permit. The documents must be submitted by certified mail, return receipt requested, to the address indicated on the NOI form. Following review of the NOI, SWMP, and any public comments received on the application, the executive director will determine that: 1) the submission is complete and confirm coverage by providing a notification and an authorization number, 2) the NOI or SWMP are incomplete and deny coverage until a complete NOI and SWMP are submitted, or 3) approve the NOI and SWMP with revisions and provide a written description of the required revisions along with any compliance schedule(s), or 4) deny coverage and provide a deadline by which the MS4 operator must submit an application for an individual permit. Denial of coverage under the general permit is subject to the requirements of 30 TAC § 205.4(c). After receiving written approval from the TCEQ, the applicant must implement the approved SWMP in accordance with the terms and conditions of the general permit.
4. If the operational control of the small MS4 changes, the present operator must submit an NOT and the new operator must submit an NOI and SWMP to obtain authorization under this general permit. The NOT and NOI must be submitted concurrently no greater than 10 days after the change occurs.
5. It is the intent of TCEQ to allow a permittee to annex lands and accept the transfer of operational authority over portions of the small MS4 without requiring submittal of an NOC. Implementation of appropriate SWMP elements for the new areas is required in accordance with the general permit. The permittee must notify TCEQ about the new areas in the annual report.
6. A permittee must submit current information to the executive director by submitting a NOC no later than 30 days before a change occurs in information previously provided to the executive director within an NOI.

An NOC is also required for changes to the SWMP that are made after TCEQ has approved the NOI and SWMP. If changes are proposed before the applicant has received written approval of the NOI and SWMP from the TCEQ, then this information must be submitted in a letter to supplement application information.

Updates to the SWMP during the permit term may be made by submittal of a NOC unless the changes are non-substantial in which case no NOC is required. The permit includes: 1) a list of changes that do not require an NOC; 2) a list of changes that require an NOC; and 3) a list of changes that require an NOC and public notice.

If a public notice is required, the permit requires the MS4 to publish the notice on the MS4's website, along with the NOC and revised SWMP for any proposed changes submitted by MS4s classified as a major permit modification. If the MS4 does not have a website, TCEQ will publish the public notice on the TCEQ website.

The public notice for the original NOI will include the link to the MS4's or the TCEQ website to provide the public with notice of where the public may view the

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

SWMP, annual report, and public notices for any notices of change that are subject to the requirements for 40 CFR § 122.62.

An NOC must be signed according to TCEQ rules at 30 TAC § 305.44. The permit also includes information regarding time frames for implementing changes requested in an NOC.

7. A discharger may terminate coverage under the general permit by providing a Notice of Termination (NOT) on a form approved by the executive director. The NOT must be signed according to TCEQ rules at 30 TAC § 305.44. Authorization to discharge terminates at midnight on the day that an NOT is postmarked for delivery to the TCEQ. If TCEQ provides for electronic submission of NOTs during the term of this permit, authorization to discharge terminates 24 hours following confirmation of receipt of the electronic NOT form by the TCEQ.

X. Technology-Based Requirements

The conditions established by the general permit are based on CWA §402(p)(3)(B) that mandates that a permit for discharges from MS4s must:

1. Effectively prohibit the discharge of non-stormwater to the MS4; and
2. Require controls to reduce pollutants in discharges from the MS4 to the MEP including BMPs, control techniques, and system, design and engineering methods, and such other appropriate provisions.

The conditions of the proposed general permit were developed to comply with the technology-based standards of the CWA. The draft general permit includes a SWMP requirement that includes MCMs utilizing a series of BMPs, rather than numeric effluent limitations, to address the minimization of pollutants in stormwater discharges to waters of the U.S. The Federal Phase II regulations define a small MS4 SWMP as a program comprising of at least six MCMs that collectively are expected to result in significant reductions of pollutants discharged into receiving water bodies. Implementation of the MEP standard will typically require the development and implementation of BMPs and the achievement of measurable goals to satisfy each of the six MCMs. TCEQ considers that the requirements of the draft general permit, if properly implemented, will meet the MEP standard required in the federal rules at 40 CFR § 122.34.

A statement is continued in the permit that indicates that the BMPs included in the SWMP constitute effluent limitations for the purposes of compliance with 30 TAC Chapter 319, Subchapter B.

The proposed general permit provides for development of an optional 7th MCM that would authorize a small MS4 to discharge stormwater runoff from construction activities disturbing one or more acres where it is the operator. This provision allows the small MS4 the option of separate coverage for these construction activities under TPDES general permit TXR040000 rather than the CGP, TXR150000. Discharges for stormwater runoff from construction support activities including concrete batch plant, asphalt batch plants, equipment staging areas, material storage yards, material borrow areas, and excavated material disposal areas may be authorized under the general permit. The following proposed limitations and monitoring frequencies are applicable to stormwater discharges from concrete batch plants authorized as a support activity at regulated construction sites:

Table 1: Benchmark Monitoring for Concrete Batch plants

**Fact Sheet and Executive Director’s Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

Benchmark Parameters	Benchmark Value	Sampling Frequency	Sample Type
Oil and Grease	15 mg/L	1/Quarter	Grab
Total Suspended Solids	50 mg/L	1/Quarter	Grab
pH	6.0-9.0 S.U.	1/Quarter	Grab
Total Iron	1.3 mg/L	1/Quarter	Grab

XI. Water Quality-Based Requirements

The Texas Surface Water Quality Standards (TSWQS) found at 30 TAC Chapter 307 state that “surface waters will not be toxic to man, or to terrestrial or aquatic life.” The methodology outlined in the “*Procedures to Implement the Texas Surface Water Quality Standards*” is designed to ensure compliance with 30 TAC Chapter 307. Specifically, the methodology is designed to ensure that no source will be allowed to discharge any waste which: (1) results in instream aquatic toxicity; (2) causes a violation of an applicable narrative or numerical state water quality standard; (3) results in the endangerment of a drinking water supply; or (4) results in aquatic bioaccumulation that threatens human health.

TPDES permits contain technology-based effluent limits reflecting the best controls available. Where these technology-based permit limits do not protect water quality or the designated uses, additional conditions are included in TPDES permits, which may include discharge limitations. State narrative and numerical water quality standards are used in conjunction with EPA criteria and other toxicity databases to determine the adequacy of technology-based permit limits and the need for additional water-quality-based controls.

As previously stated, TPDES stormwater permits do not typically contain water-quality-based effluent limits (WQBELs). As stated in 30 TAC § 307.8(e), controls on the quality of permitted stormwater discharges are largely based on implementing BMPs and/or technology-based limits in combination with instream monitoring to assess standards attainment and to determine whether additional controls on stormwater are needed. Also, according to EPA rules at 40 CFR § 122.34(a), narrative effluent limitations requiring implementation of BMPs are generally the most appropriate form of effluent limitations when designed to satisfy technology requirements (including reductions of pollutants to the MEP) and to protect water quality for small MS4s. It was preliminarily determined that where permit requirements are properly implemented no significant degradation is expected and existing uses will be maintained and protected.

XII. Monitoring

If the small MS4 discharges stormwater from a construction project authorized under this general permit that includes a supporting concrete batch plant, compliance monitoring is required. Discharges from the batch plant must be sampled at a minimum frequency of once per quarter (1/quarter).

The MS4 operator may additionally sample discharges from the small MS4 in order to assess the effectiveness of stormwater MCMs, measure the effectiveness of BMPs, to detect illicit discharges to the small MS4, or for other similar reasons.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

The permittee may also be required to identify sources of pollutant(s) of concern where the small MS4 discharges directly to a water body that is impaired for a pollutant present in the discharge. Examples of pollutants of concern that may be present in stormwater discharges are bacteria and sediment.

XIII. Procedures for Final Decision

The MOA between EPA and TCEQ provides that EPA has no more than 90 days to comment, object, or make recommendations to the draft general permit before it is proposed for consideration by the Commissioners of the TCEQ. According to 30 TAC Chapter 205, when the initial draft general permit is submitted for public comment prior to being proposed to the Commission of the TCEQ, notice must be published, at a minimum, in at least one newspaper of statewide or regional circulation and the *Texas Register*. The commission may also publish notice in additional newspapers of statewide or regional circulation. Mailed notice must also be provided to the following:

1. The county judge of the county or counties where the discharges under the general permit are located;
2. If applicable, state and federal agencies whose notice is required in 40 CFR, §124.10(c);
3. Persons on a relevant mailing list kept under 30 TAC § 39.407, relating to Mailing Lists; and
4. Any other person the executive director or chief clerk may elect to include.

After notice of the general permit is published in the *Texas Register* and a newspaper in statewide or regional circulation, there will be a 30-day public comment period to allow the public to provide comment on the proposed general permit.

Any person, agency, or association may request a public meeting on the proposed general permit before the end of the public comment period. A public comment meeting will be held if the executive director determines, on the basis of requests that a significant degree of public interest in the draft general permit exists. A public meeting is for the purpose of receiving public comment and is not a contested case proceeding under the Administrative Procedure Act.

If the executive director decides to hold a public meeting, notice of the date, time, and place of the meeting will be published in the *Texas Register* a minimum of 30 days prior to the meeting, as required by commission rules. The public notice for the draft general permit and for the public meeting(s) may be combined. The public comment is automatically extended until the conclusion of all public meetings on the draft general permit. The executive director will prepare a response to all significant public comments on the draft general permit raised during the public comment period. The proposed general permit will then be filed with the commission to consider issuance of the permit. The executive director's response to public comment will be made available to the public and filed with the chief clerk at least ten days before the commission acts on the proposed general permit, per commission rules.

TCEQs commissioners will consider issuance of the general permit at a regularly scheduled Commission Agenda. If issued, notice of the re-issued general permit will be published in the *Texas Register*. For additional information about this general permit, contact the Stormwater Team at (512) 239-4671.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

XIV. Administrative Record

The following section is a list of the fact sheet citations to applicable statutory or regulatory provisions and appropriate supporting references.

A. Code of Federal Regulations (CFR) and *Federal Register* (FR) Citations:

40 CFR Chapter 122

Federal Register dated February 17, 1998 (Volume 63, No. 31, Pages 7858-2906)

Federal Register dated December 8, 1999 (Volume 64, No. 235, Pages 68722-68851)

Federal Register dated October 22, 2015 (Volume 80, No. 204, Pages 64064-64158)

Federal Register dated December 9, 2016 (Volume 81, No. 237, Pages 89320-89352)

B. Letters/Memoranda/Records of Communication:

Memorandum from the U.S. EPA (Hanlon) dated April 16, 2004 from, "Implementing the Partial Remand of the Stormwater Phase II Regulations Regarding Notices of Intent & NPDES General Permitting for Phase II MS4s." Stakeholder comments provided to the TCEQ in March 2016 and April 2016.

Memo from the Water Quality Standards Team of the Water Quality Assessment Section of the TCEQ.

Comment letters received during the initial public notice period.

EPA comment letters on December 4, 2017, and July 31, 2018.

Conference calls and emails between EPA and TCEQ on December 14, 2017; January 9; March 14, July 25 and July 30, 2018.

C. Miscellaneous:

MS4 Permit Improvement Guide, U.S. EPA, Office of Water. Office of Wastewater Management, Water Permits Division, April 2010 (EPA 833-R-10-001).

Compendium of MS4 Permitting Approaches, U.S. EPA, Office of Wastewater Management, Water Permits Division, November 2016.

U.S. Environmental Protection Agency's Fact Sheet No. 2.0, "Stormwater Phase II Final Rule - Small MS4 Stormwater Program Overview," January 2000 (EPA 833-F-00-002).

U.S. Environmental Protection Agency's Fact Sheet No. 2.1, "Stormwater Phase II Final Rule – Who's Covered? Designation and Waivers of Regulated Small MS4s," January 2000 (EPA 833-F-00-003).

U.S. Environmental Protection Agency's Fact Sheet No. 2.2, "Stormwater Phase II Final Rule - Urbanized Area - Definition and Description," December 1999 (EPA 833-F-00-004).

The Clean Water Act, 33 U.S.C. Chapter 26.

Quality Criteria for Water (1986), EPA 440/5 86 001, 5/1/86.

**Fact Sheet and Executive Director's Preliminary Decision
TPDES General Permit Number TXR040000 for Small MS4s**

The State of Texas Water Quality Inventory, 13th Edition, Publication No. SFR-50, Texas Natural Resource Conservation Commission, December 1996.

Texas Surface Water Quality Standards, 30 TAC Sections 307.1-307.10 (21 *TexReg* 9765, 4/30/97).

Procedures to Implement the Texas Surface Water Quality Standards, Texas Commission on Environmental Quality, January 2003.

30 TAC Chapters 39, 205, 213, 281, 311, 305, 307, 309, 319, 321, and 331

District	WO #	Activity	Location	Additional Location or Task Details	Comments	Date Initiated	Date Complete
WTC1	3030387	DPBASEOPS	WTC1 District Area	Monthly detention pond cleaning & reports (pond only)	Pond inspections in dist	10/31/2022	11/30/2022
WTC1	3030392	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Pond inspections in dist	10/31/2022	12/1/2022
WTC1	3057880	DPBASEOPS	WTC1 District Area	Monthly detention pond cleaning & reports (pond only)	Checked ponds in Checked area vestigial ridge area where bad erosion is occurring Also checked other ponds for debris	11/30/2022	11/30/2022
WTC1	3057883	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Checked ponds in Dist and cleaned up trash in areas	11/30/2022	1/3/2023
WTC1	3070616	CDDPCLEAN	WTC1 District Area	please clean Cashell Wood Pond - there is sediment built up	Removed sediment and debris from splitter box,picked up all visible trash and debris.	12/9/2022	12/12/2022
WTC1	3089144	DPBASEOPS	WTC1 District Area	Monthly detention pond cleaning & reports (pond only)	Pond inspections in Hatch vestavia Maleline Anderson mill west ASPER pond Cashell Checked inlets outlets trickling channels overflow basins checked areas for debris build up checked rock gabions for debris build up Little Elm pond needs attention to	12/31/2022	2/1/2023
WTC1	3089146	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Inspection of ponds inlets outlets baffles in drainage areas. 1 20 23. Madeline pond park. South end of walk bridge south railing loose is loose needs attention called Reese. And makensie to let. Them know. Did not take picture too much of slope for me to	12/31/2022	2/1/2023
WTC1	3119215	DPBASEOPS	WTC1 District Area	Monthly detention pond cleaning & reports (pond only)	Moved 40/ yard dumpster from pond area to higher ground to get ready for collection day	1/31/2023	2/28/2023
WTC1	3119222	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Checked Degama Hatch Vestavia Aster Madeline Anderson mill ponds for erosion and debris. 2/20/23checked ponds in dist lots of downed tree branches and limbs. 2/21/23. Little Elm pond VEHICLE RUTS IN bottom or pond from little elm roadway to	1/31/2023	2/28/2023
WTC1	3145789	DPBASEOPS	WTC1 District Area	Monthly detention pond cleaning & reports (pond only)	Made inspections on ponds Hatch Asper Cashell Anderson Mill Vestavia Madeline inspected inlets outlets trickle channels rock gabions 3/1/23. Checked HATCH. DEGAMA LONDON JANE. ASPER Little Elm Pond being used as a temp dump site for brush	2/28/2023	3/31/2023
WTC1	3145794	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	MAde inspections at HATCH ASPER DEGAMA CASHELL Vestavia LOnDon JJane Degama ponds Trickle channel erosion checked trickle channels also checked rock gabions to make sure wire mesh is still secure areas around Madeline Pond need to be	2/28/2023	4/2/2023
WTC1	3167999	BCHKUSG	3008 Pepper Grass Trl	Please check for illegal usage and respond with results regardless if usage or not, if meter is on or usage is found	Checked 3008 Peppergrass for usage meter still off 124.	3/21/2023	3/21/2023
WTC1	3168019	BCHKUSG	3103 Pepper Grass Trl	Please check for illegal usage and respond with results regardless if usage or not, if meter is on or usage is found	Checked residence for illegal usage None found. Read. 1032.	3/21/2023	3/21/2023
WTC1	3168035	BCHKUSG	2900 Cashell Wood Dr	Please check for illegal usage and respond with results regardless if usage or not, if meter is on or usage is found	Checked meter for illegal usage found meter still at 1060 will check again in a week 3/29/23 customer paid	3/21/2023	3/30/2023
WTC1	3168041	BCHKUSG	1900 Ebony Ln	Please check for illegal usage and respond with results regardless if usage or not, if meter is on or usage is found	Checked res for Illegal usage meter still off	3/21/2023	3/23/2023
WTC1	3173626	MPREP	WTC1 District Area	Please remove the graffiti from Madeline Loop Pond bridge. Please see attached email.	Per Jose request took picture graffiti on wing wall of culvert Due to my right knee still being sore I will need help to repaint over this graffiti This area is on a 45. Degree slope	3/27/2023	5/25/2023
WTC1	3179910	DPBASEOPS	WTC1 District Area	Monthly detention pond cleaning & reports (pond only)	Monitored drainage. and trickle channels at Hatch / Anderson Mill Pond / Vestavia Pond / Madeline Pond / Aster Pond Sunchase Park / Degama Pond / London Jane Pond / Some erosion taking place in East pond s/ e corner of pond. 4/21/23 Due	3/31/2023	5/2/2023
WTC1	3179914	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Checked drainage channels. Inlets. Outlets. Madeline. VestaviaRidge. Cashell. Aster pond. / Degama pond. Per request from board member Jones picked up scattered trash in London Jane pond / trickle channel needs to be cleaned	3/31/2023	5/2/2023
WTC1	3185504	CDDPCLEAN	WTC1 District Area	Please install "Silt fence for all chipped wood piles" at Little Elm Pond approximate address1201 Brighton Bend. Thank	Installed silt fencing to mulch piles closet to trickle channel.	4/6/2023	4/6/2023
WTC1	3196677	CDMWRPR	2403 Sun Chase Blvd	TOP PRIORITY - WATER RUSHING THROUGH SUN CHASE POND INLET HAS A SLIGHT CHLORINE RESIDUAL - PLEASE	Investigate possible water leak, in channel next to sun chase area.. walked every service on Mackenzie In , check for chlorine residue, found nothing in front outfall, but found some close to Sun chase rd.. found that irrigation control box is leaking on the	4/18/2023	4/26/2023
WTC1	3205902	DPBASEOPS	WTC1 District Area	Monthly detention pond cleaning & reports (pond only)	Checked Vestavia iLONDON JANE. DEGAMA. CASHELL. LITTLE ELM. Madeline pond/park 5/24/23 for erosion debris build up water percolation. Vestavia pond had a lot of water in long channel and two primary areas /. Put locks and chains. on	4/28/2023	6/1/2023
WTC1	3205904	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Per board member Jones request checked LONDON JANE POND for trash found none in West pond picked plastic bottles and paper in East pond. Also checked areas around Vestavia Pond grass is getting high notified Reese to call landscape co 5/18/23	4/28/2023	6/1/2023
WTC1	3210676	MPGENREP	WTC1 District Area	Please remove silt fencing at little elm pond, please and thank you.	Per Mackensie request started removing silt fence from area in Little Elm Pond	5/2/2023	5/9/2023
WTC1	3223815	MPMEETASST	WTC1 District Area	Meet pond inspector at various ponds in the district	,Waited for inspector at Degama main gate to show him or her storm ponds. Inspector. never showed up. 5/17/23 inspector called to reschedule meeting	5/16/2023	7/3/2023
WTC1	3226741	CDDPCLEAN	WTC1 District Area	Anderson Mill Pond needs attention - see pond report	Removed built up sediment from trickle channel by shovel, cleared debris from gabion wall, and cut back small shrubs, and graded area for proper flow.	5/18/2023	5/30/2023
WTC1	3226748	CDDPCLEAN	WTC1 District Area	Vesatvia Pond needs to be cleaned - see pond report	Took care of eroded area by the splitter box, removed small trees growing into gabion wall (should have been removed by landscapers), cleaned box with shovels, removed all visible trash and debris, regraded forebay to allow for proper flow,	5/18/2023	5/24/2023
WTC1	3226751	CDDPCLEAN	WTC1 District Area	Dagama Pond needs to be cleaned - see pond report	Removed debris from gabion wall and forebay with shovels. Mild regrading needed. Weeded far back outfall (this area is not maintained in the landscape contract). Cleaned inlet and trickle channel with shovel.	5/18/2023	5/22/2023
WTC1	3230762	CDDPCLEAN	2000 Dagama	Dagama Pond - Remove vegetation and built up sediment from sand filter pond.	Removed built up vegetation and sediment from sand filter pond. This required the use of a skid steer. Sand filtration ponds should not have any built up vegetation or they cannot operate properly. Vegetation and sediment build-up likely caused from	5/23/2023	5/23/2023
WTC1	3233505	DPBASEOPS	WTC1 District Area	Monthly detention pond cleaning & reports (pond only)	Checked Vestavia.Pond water standing in the long channel none in the 2. North channels / Cashell Wood pond / park. South pond looks good north pond has water standing in both basins by the concrete walls rock gabions needs work. London Jane	5/25/2023	7/3/2023
WTC1	3233507	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Checked Hatch AndersonMill Degama Vestavia Madeline. Aster. Checked areas for irrigation controllers so we can water trees and shrubs will meet with new landscape team 6/28/23	5/25/2023	7/4/2023
WTC1	3233985	CDDPCLEAN	2513 Vestavia Ridge Ln	PLEASE INVESTIGATE POND SINCE IT DID NOT DRAIN WITHIN THE 24 HOURS. THANK YOU	There is a bit of standing water,so there's two issues going on here,the first being the perforated drain pipe is above grade and doesn't have enough drain holes to capture all the water,next issue is the outfall design all the drain holes on back concrete	5/25/2023	5/26/2023
WTC1	3249266	MPMEETASST	2403 Sun Chase Blvd	Please meet concerned resident at 1:00 PM over mowed shrubs in park and other landscaping issues as well as some	Met with concerned resident 1404 old mill rd /. Resident was concerned about extra wood laying laying against trees I advised her this is free wood for anyone who wants it also noted wild flowers mowed down. by landscape crew showed me areas in	6/12/2023	6/24/2023
WTC1	3258628	CDDPCLEAN	WTC1 District Area	Vestavia pond Fill in ruts and regrade	Filled in ruts due to mowing, and regraded areas that had built up sediment, ,also removed vegetation from splitter box, and brought up grade at back wall for positive water flow.	6/21/2023	6/21/2023
WTC1	3262563	MPGENREP	WTC1 District Area	At Madeline Loop Pond Bridge Vulgar Graffiti:Please put another layer of sealant on culvert that Allen already did. It	Graffiti was painted over for the time being Area will. Possibly need additional coats to completely remove existing damage	6/26/2023	6/28/2023
WTC1	3262976	ADMISC	WTC1 District Area	PURCHASE NO DUMPING SIGNS FOR LITTLE ELM POND		6/26/2023	6/26/2023
WTC1	3268225	DPBILOPS	WTC1 District Area	MONTHLY POND INSPECTIONS	DETENTION POND REPORTS FOR JULY	6/30/2023	7/31/2023

WTC1	3268228	MPBILOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Checked. Little Elm. Degama London Jane Vestavia. Anderson Mill Hatch. Aster Madeline. Loop. Sunchase. DETENTION POND REPORTS FOR JULY TY 07-25-23. JP. Created work orders per pond report.	6/30/2023	8/1/2023
WTC1	3291709	CDDPCLEAN	3301 Hatch Rd	Graffiti @ few spots @ pond.	Paint big block and LS Box to erase graffiti paint using rollers and paint brushes, tried to remove graffiti with graffiti removal but can't remove it completely.	7/25/2023	7/28/2023
WTC1	3293871	MPGENREP	2000 Dagama	Pls post T-posts and orange fencing and put up our own fence, on MUD property, NOT on the schools property, to	Put up safety fencing around area that fencing is missing just before the drop off into the pond to prevent kids from accidentally falling and rolling down the hill. The school has been contacted multiple times and they have not repaired the	7/27/2023	7/27/2023
WTC1	3296809	DPBILOPS	WTC1 District Area	Monthly detention pond reports (pond only)	DETENTION POND REPORTS FOR AUGUST	7/31/2023	8/31/2023
WTC1	3296813	MPBILOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Spec check Anderson mill pond / park. Vestavia pond / park. Hatch pond / mini park Cashell pond / park little elm pond sunchase aster pass London jane pond/ park hatch pond / park c@d trimming trees along down slope cleaning trickle channels	7/31/2023	9/1/2023
WTC1	3305812	MPGENREP	WTC1 District Area	Please tighten madeline loop pond bridge bolts. Makenzi needs them done in the next 2 days, please and thank you.	Tighten bolts on bridge	8/7/2023	8/8/2023
WTC1	3312464	MPINVL	WTC1 District Area	Please check the water in the little elm pond trickle channel for a chlorine residual, ASAP. Thank you.	Per request from Dist Mgr ran cl 2 test on flowing water that is flowing from storm drain south of little elm pond. Found no cl2 in water notified Reese will recheck area periodically	8/14/2023	9/4/2023
WTC1	3330709	DPGENREP	WTC1 District Area	PIPE (TO OUTFALL) NEEDS REPAIR Dagama pond located at 2000 Dagama Ln.	Pipe was jagged so we cut the pipe with the saw to make it smooth an flush with the outfall.	8/30/2023	9/15/2023
WTC1	3331977	DPBILOPS	WTC1 District Area	Monthly detention pond reports (pond only)	DETENTION POND REPORTS FOR SEPTEMBER	8/31/2023	9/29/2023
WTC1	3331980	MPBILOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Checked ponds in dist. Hatch Vestavia Cashell London Lane Aster Pass Madeline Little Elm. AndersonMill Degama Sunchase. Checked trickle channels. rock gabions. Inlets outlets. 9/29/23. Checked ponds in dist Little Elm. Vestavia Hatch London lane	8/31/2023	10/3/2023
WTC1	3366988	MPBASEOPS	WTC1 District Area	Monthly iPond reports & cleaning: ASTER-ANDERSON MILL-LONDON-MADELINE-CASHELL-VESTAVIA-HATCH-SUNCHASE	Checked dist ponds Vestavia. Cashell London Lane Hatch Little Elm Sunchase Anderson Mill / Aster Madeline to make sure all inlets and outlets are free and clear of debris check trickle to make sure no obstruction exist also keeping careful eye on the	9/29/2023	11/2/2023
WTC1	3053831	MPGENREP	WTC1 District Area	please remove 55-gallon drums from various locations within WTC and dispose of per Jose for tech. Thank you	Removed rusted drums from various park/pond locations.	11/28/2022	11/28/2022
WTC1	3080245	MPGENREP	WTC1 District Area	cut the water supply to the LLOs building and the water to the AMW park, when water is cut, open all faucets possible to	Cut water off at parks to get ready for cold weather Checked areas of concern to make sure water was still off will assist Phil Henderson around 1130 to cut water off to lake line office To get ready for cold temperatures cut water off to office and	12/21/2022	1/3/2023
WTC1	3089145	MPBASEOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	01-01-23. JP Cleaned out all trash cans and pulled trash carts out to the street for trash pick up. Checked parks in dist cleaned trash cans And installed new liners 1 5 23 caution tape was removed from restroom doors at amw Caution tape still on	12/31/2022	2/1/2023
WTC1	3119219	MPBASEOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	At Sunchase Checked dist parks. 2 2 23 for any damage from the ice storm. Pulled trash cans out from LLO. AMW. HATCH. Ponds for trash pickup also picked up trash in different areas. AL 2 6 23. 2/ 7 23 pulled trash cans in at Llo. To storage Used	1/31/2023	2/28/2023
WTC1	3135018	MPDELIVER	WTC1 District Area	Please pick up "park closed signs" for WTC and MCC from Austin sign company at 9012 Research Blvd., Ste C-9. Thank	Picked up signs at Austin signs 9012 Research Blvd for Wtc 1 parks. 2/17 23. Put CAUTION signs out at AMW. SUNCHASE HATCH. ANDERSON. MILL WEST POND / PARK ASPER MADELINE PARK/ pond. LLO due to downed tree limbs and some that	2/16/2023	2/28/2023
WTC1	3145792	MPBASEOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	Checked parks picked up trash where it was needed 3/3/23 put new can liners in trash cans for weekend picked up trash in various areas of park for 3/6/23 took trash cans to curb for pickup picked up scattered trash from grounds for disposal at AMW	2/28/2023	3/31/2023
WTC1	3145795	MPBASEOPS	WTC1 District Area	Monthly Miscellaneous Ops: bandit signs, dog stations, debris in easement, etc.	Cleaned. And sprayed. Containers down with simple green disinfect used WD 40 to lubricate locking system on hand stations. At Hatch Lakeline Oaks Vestavia Park. Sunchase Park Anderson Mill Park/ pond , / London Jane Pond/ Asper Park POND 3/8	2/28/2023	4/2/2023
WTC1	3179911	MPBASEOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	Pulled trash cans out at AMW. / . Lakeline Oaks. /Hatch Pond so trash could be emptied out. / . Used simplegreene disin oil lids of trash containers. 4/3/23 Picked up trash around area Anderson Mill Pond / Park. / Picked up trash from Madeline	3/31/2023	4/30/2023
WTC1	3180591	LSINVRB	3211 Hatch Ln	Investigate high level call	Responded to high wet well level per Jose Perez found water level approx 15 ft down from top of wet well slab called Jose and informed him 4/1/23 Secured station site	4/1/2023	4/3/2023
WTC1	3197916	MPDELIVER	WTC1 District Area	Please pick up "no dumping" signs from the Summit office to post. You will need to get some little wooden posts and	Per Reese and Makensie went to Summit office to pick up No Dumping signs for Wtc 1 to be put up along Row at Little Elm Pond	4/19/2023	4/26/2023
WTC1	3200666	MPGENREP	WTC1 District Area	Please remove the padlock from the gate at London Lane dog park, The lock was placed after the last mowing.	Per request from citizen lock on front gate at London Jane Pond was removed 4/ 27 23 for entry to doggie station area	4/24/2023	4/27/2023
WTC1	3205903	MPBASEOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	5/01/23 Pulled trash cans to curb for pickup at AMW. Picked up trash from grounds in certain areas checked restrooms for cleanliness. Checked facilities pulled trash bins to curb at LLO. 5/8/23 pulled trash cans to curb for pickup at AMW. LLO.	4/28/2023	6/1/2023
WTC1	3205905	MPBASEOPS	WTC1 District Area	Monthly Miscellaneous Ops: bandit signs, dog stations, debris in easement, etc.	5/5/23 Replaced doggie station SW corner Anderson Mill Pond. AL. There are 2. more doggie cans that need to be replaced one by the Mini park and the other on the North. East end of the park 5/9/23. Checked. Cleaned doggie stations in dist.	4/28/2023	6/1/2023
WTC1	3233506	MPBASEOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	Cleaned areas around LLO. Picked up trash around gazebo basketball. Courts play scape emptied trash cans. 6/5/23 Took out trash cans Hatch pond / park. 5. Cleaned up area by pavillion tennis courts / . Pulled trash cans in at Hatch. AMW. LLO	5/25/2023	7/3/2023
WTC1	3239025	MPGENREP	2403 Sun Chase Blvd	PLS REMOVE CHIPPED WOOD FROM SUN CHASE AND DISTRIBUTE TO AMW SWING AREA, TY!	Removed mulch, by shovel, from sun chase park. Loaded mulch into truck beds and took loads one by one over to Anderson Mill pond park. AH/JP/CM I have no charged a quarter of the time on this WO due to the dedicated tech being on lite duty. -	5/31/2023	6/6/2023
WTC1	3248515	NOWATER	2203 Clover Ridge Dr	NOWATER	Responded to no water call 2203 clover ridge. Owner on his way from Austin turned water on all is good	6/9/2023	6/9/2023
WTC1	3268227	MPBILOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	7/3/23 pulled trash cans out at Amw. LLO hatch pond sunchase park. Cleaned trash cans at Volente mini park Sunchase Park. Checked areas at Casshell. Wood park. 7/10/23 Brought trash cans to curb for pickup at Hatch Pond. Anderson. Mill West Par,k	6/30/2023	8/4/2023
WTC1	3268229	MPBILOPS	WTC1 District Area	Monthly Miscellaneous Ops: bandit signs, dog stations, debris in easement, etc.	07-05-23. JP. Inspected stations throughout the district. 7/12/23 Al inspected @ cleaned doggie stations in dist 7/14/23. Checked. @. Cleaned doggie stations in dist. Used simple green on doggie cans at Park forest and London Jane pond 7/17/23	6/30/2023	8/4/2023
WTC1	3292331	CDDPCLEAN	2420 Madeline Loop	Inlet has sediment	Clean trickle Chanel , removed silt build at trickle Chanel, removed with shovels, clean Chanel and inlet. At pond pond	7/26/2023	10/10/2023
WTC1	3297373	DPEROSION	2000 Dagama	VEGETATION @ SAND FILTER AREA	Removed vegetation from sand filter pond using the bobcat and the weed eaters to clear vegetation from gabion wall.	7/31/2023	8/15/2023
WTC1	3311399	MWINVL	WTC1 District Area	CCI REPORTING LEAK BEHIND NAUMANN ELEMENTARY FROM STORM DRAIN SYSTEM. PLEASE INVESTIGATE.	WATER COMING FROM GRATE AT LITTLE ELM POND DROVE THE AREA AROUND SCHOOL-MADELINEPOND-SUNCHASE DIDNT SEE ANY WATER ON GROUND FEEDING THAT DRAIN/GRATE.TY LINDA-512-300-8781-WAS GOING TO CALL CITY OF CEDAR	8/13/2023	8/14/2023
WTC1	3330491	MPMEETASST	WTC1 District Area	Pls meet contractor at Sun Chase Park for estimate bench removal and new placement. Pls show him the places that	Met with Jose. Sanchez. J@D Const showed him areas of concern Gazebo on old mill rd. / . Anderson mill west. Lakeline office. Walking bridge at aster park Madeline loop pond/ park Anderson Mill pond / park. Sunchase Park	8/30/2023	9/1/2023
WTC1	3330695	DPGENREP	2307 London Ln	CLEAR VEGETATION ALONG THE FENCE BACKSIDE OF THE DP	Removed heavy vegetation from fence line behind pond, all hand work. We used the blower, weeded eater, loopers, and the chainsaw.	8/30/2023	9/14/2023
WTC1	3331979	MPBILOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	9/1/23 checked parks for the weekend picked up paper plastic bottles clothing and disposed of it every Monday of each week trash containers are brought out to the curb for pickup at AMW. LLO HATCH POND/ PARK SunchasePark trash containers	8/31/2023	10/3/2023
WTC1	3331982	MPBILOPS	WTC1 District Area	Monthly Miscellaneous Ops: bandit signs, dog stations, debris in easement, etc.	Cleaned and inspected doggie stations in dist. 9/27/23 used simple green to desinfect doggie pots on little elm park forest hatch rd@ spider Lilly London lane pond. 9/28/23. Replaced doggie hand station at Volente Mini Park	8/31/2023	10/3/2023
WTC1	3366986	MPBASEOPS	WTC1 District Area	Monthly park cleaning & reports: AMW-LLO-VOL-SUN CHASE-ASTER-OLD MILL	Every Monday of each week trash cans and green rollers are pulled to the curb for pick up and in the afternoon pulled in to storage parks are checked for trash wasps j. Yellowjacket nest other areas of concern on playground equipment. 10/9/23 used	9/29/2023	11/1/2023



PRECIPITATION SHOULDN'T POLLUTE THE NATION

STORMWATER POLLUTION IS THE BIGGEST THREAT TO OUR WATERWAYS

What is stormwater?

- Water following a rain or snowstorm that does not infiltrate the surface is called stormwater.
- Stormwater has the potential to introduce new pollutants into surface water.
- Stormwater runoff from construction sites can cause soil erosion to occur at a rate 20 times greater than normal land use situations.
- U.S. Environmental Protection Agency regulates construction activity to reduce pollutant amounts.

Stormwater Runoff can cause several problems:

- Erosion to stream banks, damaging aquatic habitats
- It can push excess nutrients from fertilizers, pet waste, and other sources into rivers and streams fueling algae growth.
- It can push excess sediment into rivers and streams. Sediment can block sunlight from penetrating the underwater grasses and cause harm to aquatic life.
- It can also push pesticides, leaking fuel, or motor oil and other chemical contaminants into rivers and streams.

How can you help be the solution to stormwater pollution?

- Be courteous and pickup after your pet.
- Compost or bag your grass clippings and leaves for curbside collection.
- Always recycle your motor oil and other vehicle fluids.
- Dispose of cigarette butts in the trash.
- Use fertilizers and pesticides sparingly, and never before an expected rain event.
- Wash your car over a grassy area or at a commercial car wash, avoid your driveway.

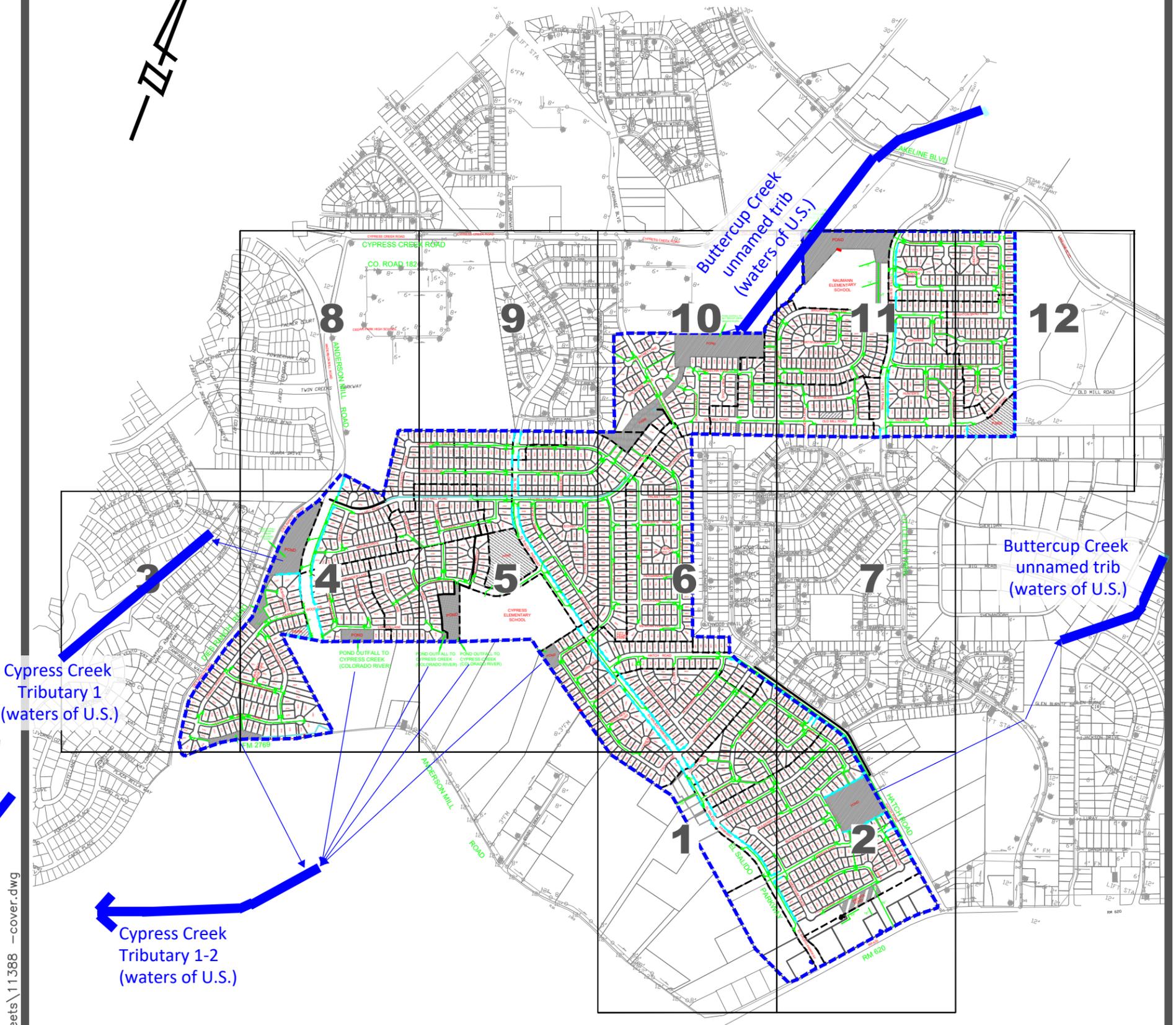


- Never dump/blow/dispose of anything into the street, storm drains, or drainage ditches. Fines can be incurred.
- **MOST IMPORTANTLY** - Share these tips and tricks with your community members to spread awareness and protect your community.

THINK YOU'VE WITNESSED AN ILLICIT DISCHARGE? LET US KNOW SO WE CAN FRIENDLY REMIND YOUR NEIGHBORS AND PROTECT OUR STORMWATER SYSTEM.

Report all illicit discharges to csaus@inframark.com or through the district webpage under contact us.

WILLIAMSON-TRAVIS COUNTIES MUD NO. 1 NEIGHBORHOOD DRAINAGE, STREET LIGHTING AND MAILKIOSK MAPS



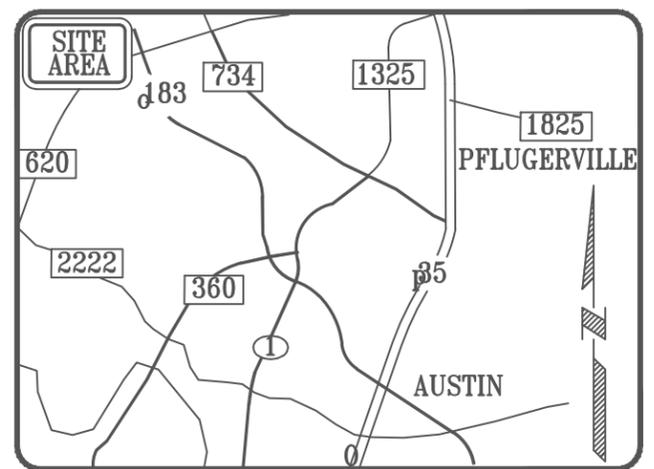
Cypress Creek
Tributary 1
(waters of U.S.)

Cypress Creek
Tributary 1-2
(waters of U.S.)

Buttercup Creek
unname trib
(waters of U.S.)

Buttercup Creek
unname trib
(waters of U.S.)

LEGEND	
	SECTION BOUNDARY
	DISTRICT BOUNDARY
	CMU WALL
	STORM SEWER
	WATERS OF THE U.S.



VICINITY MAP
N.T.S.



8834 N. Capital of Texas Hwy.
Austin, Texas 78759
Suite 140
(512)452-0371
FAX(512)454-9933
TBPE FIRM #2946

WILLIAMSON-TRAVIS COUNTIES MUD NO. 1 NEIGHBORHOOD AND STREET LIGHTING AND MAIL KIOSK INDEX TABLES

STREET LIGHT LOCATION TABLE

STREET LIGHT TAG NUMBER	STREET ADDRESS
724	2800 Cashell Wood Dr & Anderson Mill Rd
725	2804 & 2806 Cashell Wood Dr
726	2812 Cashell Wood Dr & Briona Wood Ln
727	2909 & 2907 Cashell Wood Dr
728	2914 Cashell Wood Dr & Wanakah Ridge Dr
729	3009 & 3011 Cashell Wood Dr
730	3107 & 3108 Cashell Wood Dr
731	2522 Vestavia Ridge Ln
732	Vestavia Ridge Ln (at pond) Across from 2512 Vestavia Ridge
733	2409 & 2501 Vestavia Ridge Ln
734	Briona Wood Ln & 2501 Wanakah Ridge Dr
735	2910 & 2912 Briona Wood Ln
736	2507 & 2509 Wanakah Ridge Dr
737	2900 & 2901 Wanakah Ridge Cv
739	2807 Anderson Mill Rd & Cashell Wood Dr
740	Cashell Wood Dr & 2807 Primwood Path
741	2306 & 2308 London Lane
742	2220 London Lane
743	2210 & 2212 London Lane
744	2814 Cortez Drive & 2200 London Ln
745	2807 & 2809 Cortez Drive
746	2201 Granger & 2700 Cortez Drive
747	2211 & 2213 Granger Lane
748	2221 & 2301 Granger Lane
749	2309 & 2311 Granger Lane
751	2002 & 2004 Dagama Drive
752	Dagama Drive
753	Dagama Drive
754	Dagama Drive
755	Dagama Drive & 2712 Dagama Ct
756	2705 & 2707 Dagama Ct
757	2705 & 2707 Melba Pass
758	2606 Melba Pass & Rainfall Tr
759	2616 & 2618 Rainfall
760	2608 & 2610 Rainfall
761	2500 & 2501 Grist Ln
762	2601 Grist Lane & Old Mill Rd
763	2305 & 2310 Macaw Dr
764	2300 & 2302 Macaw Dr
765	2214 & 2216 Macaw Dr
766	2200 & 2202 Macaw Dr
767	Stenson Dr & 2201 Old Mill Rd
768	2509 & 2511 Stenson Dr
769	2501 Stenson Drive
770	2109 & 2111 Dayflower Trc
771	2101 & 2103 Dayflower Trc
772	2015 & 2017 Dayflower Trc
773	2007 & 2009 Dayflower Trc
774	2001 Dayflower Trc
775	1911 Dayflower Trc
776	1903 & 1905 Dayflower Trc
777	1805 & 1807 Dayflower Trc
778	1802 Dayflower Trc
779	1715 Dayflower Trc & Old Mill Rd
780	2107 & 2109 Lobelia Dr
781	2101 & 2103 Lobelia Dr
782	2015 & 2017 Lobelia Dr
783	2007 & 2009 Lobelia Dr
784	2001 Lobelia Dr
785	1911 Lobelia Dr
786	1811 & 1813 Lobelia Dr
787	1802 Lobelia Dr
788	2212 Old Mill Rd
789	2204 & 2206 Old Mill Rd
790	2109 Old Mill Rd
791	2103 & 2105 Old Mill Rd
792	2017 & 2019 Old Mill Rd
793	2007 & 2009 Old Mill Rd
794	2001 Old Mill Rd
795	1911 Old Mill Rd
796	1907 & 1909 Old Mill Rd
797	1815 Old Mill Rd
798	1807 Old Mill Rd
799	1803 & 1805 Old Mill Rd
800	Between Aster Pass & Sabinal Trl on Old Mill Rd
801	1704 Old Mill Rd
802	1609 Old Mill Rd
803	1604 & 1606 Old Mill Rd
804	1600 & 1602 Old Mill Rd
805	1500 & 1502 Old Mill Rd
806	1406 & 1408 Old Mill Rd
808	1222 Old Mill Rd
809	1214 & 1216 Old Mill Rd
810	1206 & 1208 Old Mill Rd
811	1115 Old Mill Rd
812	1112 Old Mill Rd
813	1106/1104 Old Mill Rd
814	1100 Old Mill Rd
815	Old Mill Rd & 2410 Cranberry Cv
816	909 Old Mill Rd
817	901 Old Mill Rd
818	El Salido Pkwy
819	El Salido Pkwy
820	El Salido Pkwy & Dagama
821	El Salido Pky
822	El Salido Pky
823	El Salido Pkwy & 1901 Aster Pass
824	El Salido Pkwy & Aster Pass
825	El Salido Pky
826	El Salido Pky
827	El Salido Pky
828	El Salido Pky
829	El Salido Pkwy & Ebony Ln
830	El Salido Pkwy & Ebony Ln
831	El Salido Pkwy & Locust Cv
832	El Salido Pkwy & Hickory Dr
833	El Salido Pkwy & Texas Oak Way
835	El Salido Pkwy
836	El Salido Pkwy
837	3317 El Salido Pkwy
838	3401 El Salido Pkwy
839	El Salido Pkwy
840	Blazing Star Trail and Aster Pass Lot G
841	3009 & 3101 Blazing Star Trl
842	3109 Blazing Star Trail & Petunia St
843	3115 & 3117 Blazing Star Trl
844	3209 Blazing Star Trl
845	3309 Blazing Star Trl
846	1901 Petunia St
847	2611 & 2701 Buckeye Trl
848	2711 & 2713 Buckeye Trl
849	2814 & 2900 Buckeye Trl
850	2701 & 2703 Beechnut Trc

851	2713 & 2801 Beechnut Trc
852	2609 Aster Pass
853	2711 & 2801 Aster Pass
854	2811 Aster Pass
855	2907 & 2909 Aster Pass
856	Sabinal Trc & 1710 Mesquite Rd
857	2900 Sabinal Trc
858	2400 Tierra Blanco Trl & Old Mill Rd
859	Tierra Blanco Trl & 1708 Sycamore St
860	2510 & 2604 Tierra Blanco Trl
861	2700 Tierra Blanco Trl & Mesquite Rd
862	2706 & 2708 Tierra Blanco Trl
863	2802 & 2804 Tierra Blanco Trl
864	2900 Tierra Blanco Trl
865	2908 Tierra Blanco Trl
866	1800 Mexican Plum Trl
867	1711 Persimmon Rd
868	Sun Chase Blvd & 1700 Courtney Ln
869	1600 & 1602 Courtney Ln
870	1712 & 1713 Mackenzie Ln
871	1606 Mackenzie Ln & Sunchase Blvd
872	2447 & 2449 Madeline Ln
873	2440 & 2442 Madeline Ln
874	2428 & 2430 Madeline Ln
875	2301 Robby Ln
876	2307 & 2308 Robby Ln
877	2304 & 2306 Casey Cv
878	1503/1505 Brighton Bend Ln
879	Brighton Bend Ln & 2325 Clover Ridge Dr
880	1404/1406 Brighton Bend Ln
881	1308 Brighton Bend Ln
882	1204 Brighton Bend Ln
883	Brighton Bend Ln & 2200 Portwood Bend Cv
885	1111 Brighton Bend Ln
886	1100 Brighton Bend Ln
887	2313 Oakshire Cv
888	2300 Oakshire Cv
889	2026 Lakeline Oaks
890	2018 Lakeline Oaks
891	2003 Lakeline Oaks
892	909 Wood Ridge Ln
893	917 Wood Ridge Ln
894	2106 Wood Ridge Cv
895	2107 Windy Oaks Cv
896	912 Shannon Meadow Trl
897	925 Shannon Meadow Trl
898	2108 Shannon Meadow Cv
899	Little Elm Trl & Wood Ridge Ln
900	Little Elm Trl & Shannon Meadow Trl
901	1107 Hunters Creek Dr
902	1100 Hunters Creek Dr
903	907 Hunters Creek Dr
904	2408 Little Creek Cv
905	2411 Hunters Creek Cv
906	2400 Hunters Creek Cv
907	2414 Kristen Ln
908	2410 Kristen Ln
909	2316 Kristen Ln
910	2303 Kristen Ln
911	2401 Cranberry Cv
912	2210 & 2212 Clover Ridge Dr
913	2300 Clover Ridge Dr
914	2310 & 2312 Clover Ridge Dr
915	2320 Clover Ridge Dr
916	2300 Portwood Bend Cv
917	2310 & 2308 Portwood Bend Cv
918	1200 Boerne Dr
919	1206 & 1208 Boerne Dr
920	1214 Boerne Dr
921	1811 Hatch Rd
922	1711 Hatch Rd
923	1615 Hatch Rd
924	1515 Hatch Rd
925	1600 Honeyweed St
926	1702 Honeyweed St
927	3008 Cat Claw Cv
928	3101 Pepper Grass Trl
929	3201 Pepper Grass Trl
930	1804 Spiderlily View
931	1702 Spiderlily View
932	1508 Spiderlily View
933	1500 Spiderlily View
934	1504 Black Cherry Dr
935	1403 Black Cherry Dr
936	1317 Black Cherry Dr
937	1309 Black Cherry Dr
938	3002 Red Bay Dr
939	3115 Redy Bay Dr & Lauretta Wood Dr
940	3108 Red Bay Dr
941	3210 Red Bay Dr
942	1314 Mulberry Way
943	1401 Mulberry Way
944	1415 Mulberry Way
945	1504 Texas Oak Way
946	1317 Texas Oak Way
947	1307 Texas Oak Way
948	3010 Birch Dr
949	3007 Cottonweed Dr
950	1310 Laurettawood Dr
951	3311 Sweet Gum Trc
952	Sweet Gum Trc & Piney Creek Ln
953	Sweet Gum Trc & Plum Creek Ln
954	1321 Plum Creek Ln
955	Plum Creek Ln & Larkspur Way
956	3400 Larkspur Way
957	1301 Lantana Ln
958	1313 Piney Creek Rd
959	1402 Piney Creek Rd
960	1412 Mimosa Pass
961	1404 Mimosa Pass
962	1318 Mimosa Pass
963	1301 Mimosa Pass
964	1317 Butternut Pl
965	1406 Butternut Pl
4722	1702 Mesquite Rd
4723	1711 Palmetto Dr & Sabinal Trc
4724	2813 Hannah Kay Dr
4725	2700 & 2701 Cashell Wood Cv

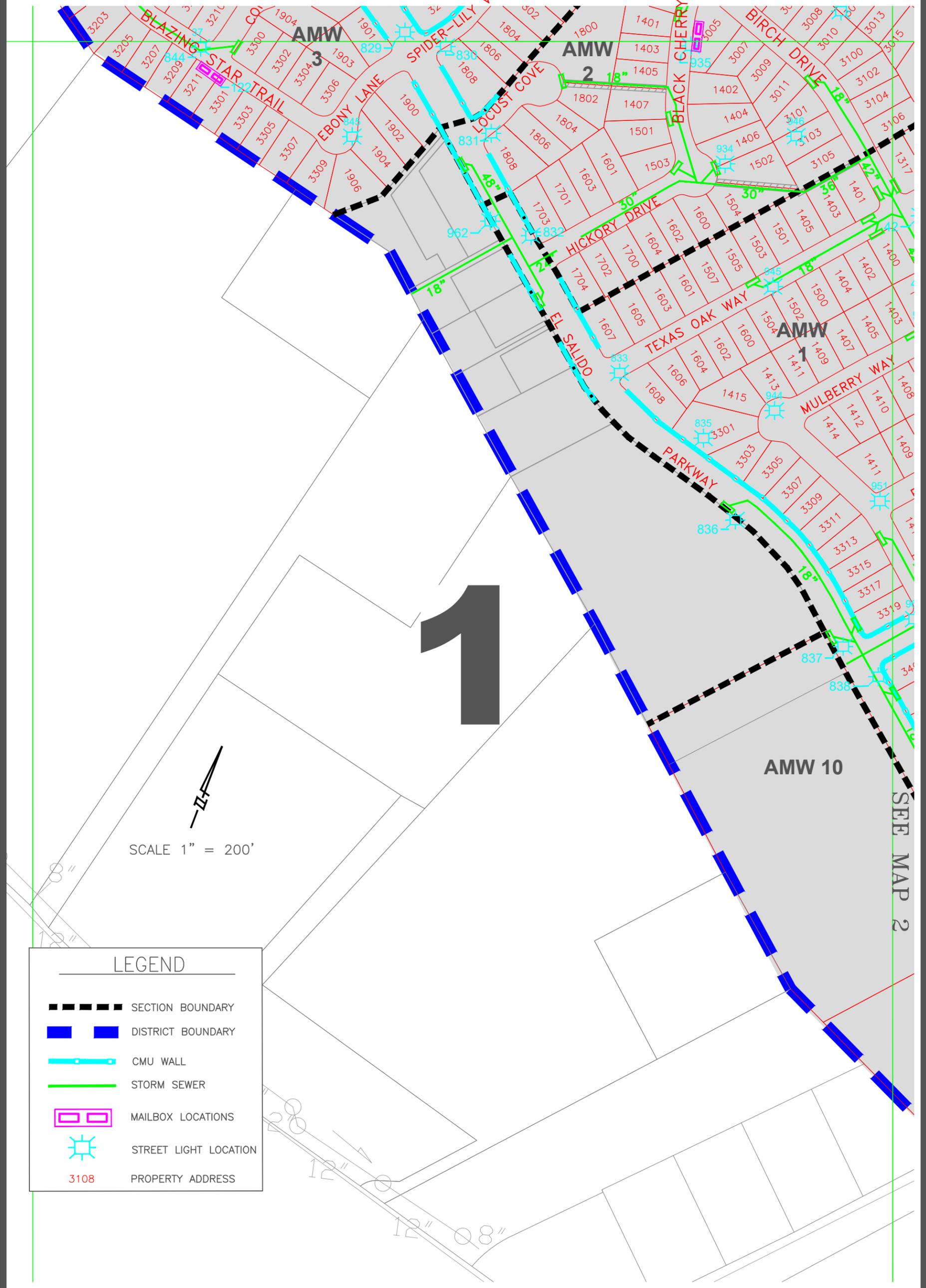
MAIL KIOSK LOCATION TABLE

MAILKIOSK TAG NUMBER	STREET ADDRESS
1	3413 Sweetgum Trail
2	Plum Creek Road
3	1318 Mimosa Pass
4	1402 Butternut Place
5	2002 Dagama Drive
6	2218 London Lane
7	2228 Granger Lane
8	2211 Old Mill Road
9	2110 Lobeilia Drive
10	2109 Day Flower Trace
11	Hackberry Lane
12	2707 Beechnut Trace
13	2900 Buckeye Trail
14	2710 Aster Pass
15	2808 Sabinal Trail
16	2608 Sabinal Trail
17	2411 Madeline Loop
18	1302 Old Mill Road
19	2301 Little Elm
20	913 Woodridge Lane
21	932 Shannon Meadow Trail
22	1201-1299 Brighton Bend Lane
23	1409 Brighton Bend Lane
24	2404 Kristen Lane
25	1010 Old Mill Road
26	2007 Old Mill Road
27	1321 Black Cherry Drive
28	1307 Black Cherry Drive
29	Lauretta Wood & Hatch
30	2512 Stenson & Lobelia
31	Briona Wood & Vestivia
32	2800 Cashell Wood Drive
33	2000 Dagama Drive
34	1701 Day Flower Trace
35	3100 Blaring Star Trail
36	3115 Blaring Star Trail
37	3209 Blazing Star Trail
38	2900 Buckeye Trail
39	2801 Buckeye Trail
40	Sun Chase & Mackenzie Lane
41	1 Birch Drive
42	2 Birch Drive



MAP-1

SEE MAP 6



SCALE 1" = 200'

LEGEND

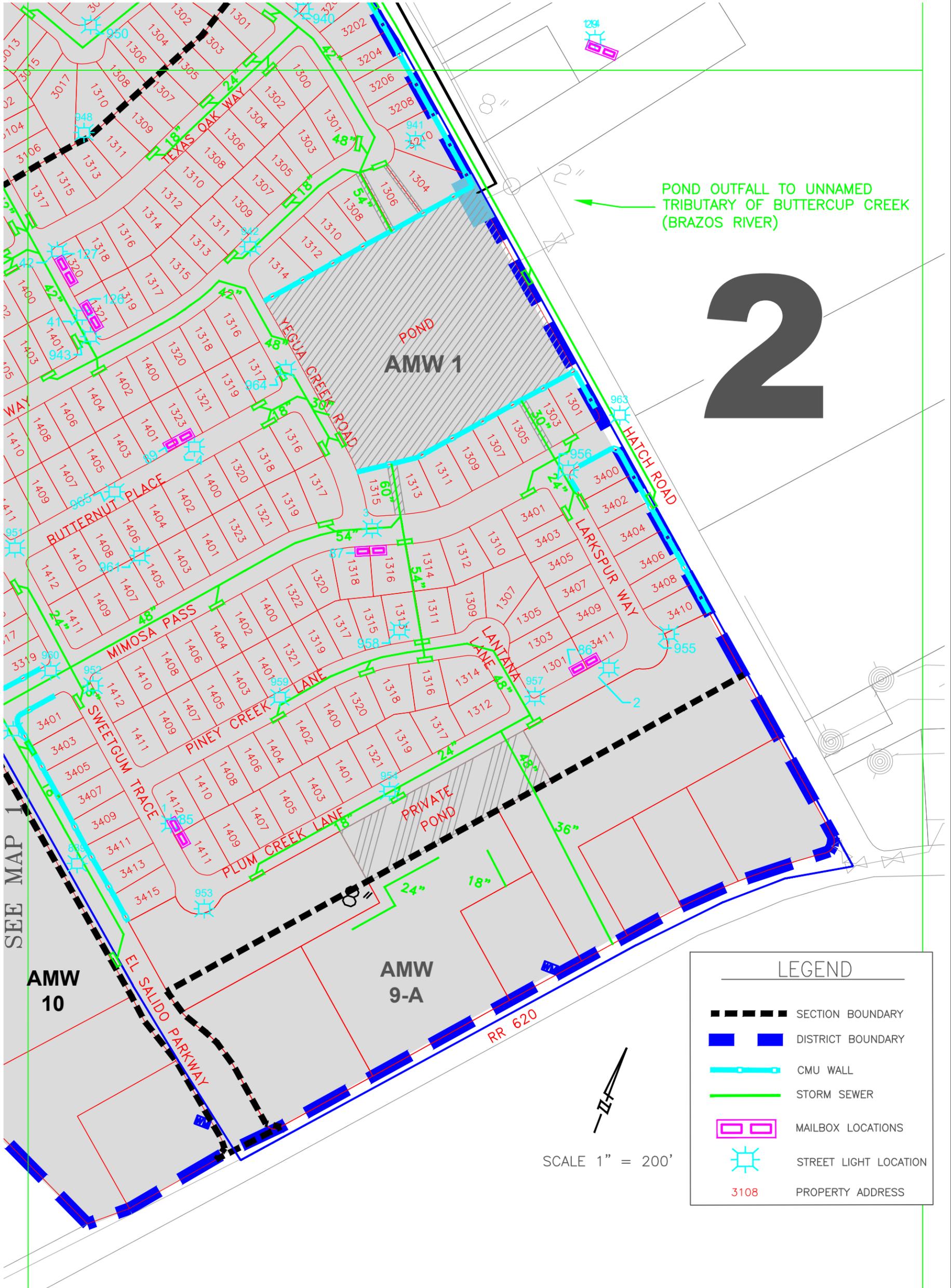
- SECTION BOUNDARY
- DISTRICT BOUNDARY
- CMU WALL
- STORM SEWER
- MAILBOX LOCATIONS
- STREET LIGHT LOCATION
- PROPERTY ADDRESS

H:\Projects\919 WTC\919 WTC\11388 Street Light Map Update\CAD\Sheets\SHEET 1

SEE MAP 2

MAP-2

SEE MAP 7



POND OUTFALL TO UNNAMED TRIBUTARY OF BUTTERCUP CREEK (BRAZOS RIVER)

2

SEE MAP 1

AMW 10

AMW 9-A

RR 620

LEGEND	
	SECTION BOUNDARY
	DISTRICT BOUNDARY
	CMU WALL
	STORM SEWER
	MAILBOX LOCATIONS
	STREET LIGHT LOCATION
	PROPERTY ADDRESS

SCALE 1" = 200'



MAP-3

3

Cypress Creek
Tributary 1
(waters of U.S.)

SCALE 1" = 200'

LEGEND

- SECTION BOUNDARY
- DISTRICT BOUNDARY
- CMU WALL
- STORM SEWER
- MAILBOX LOCATIONS
- STREET LIGHT LOCATION
- PROPERTY ADDRESS

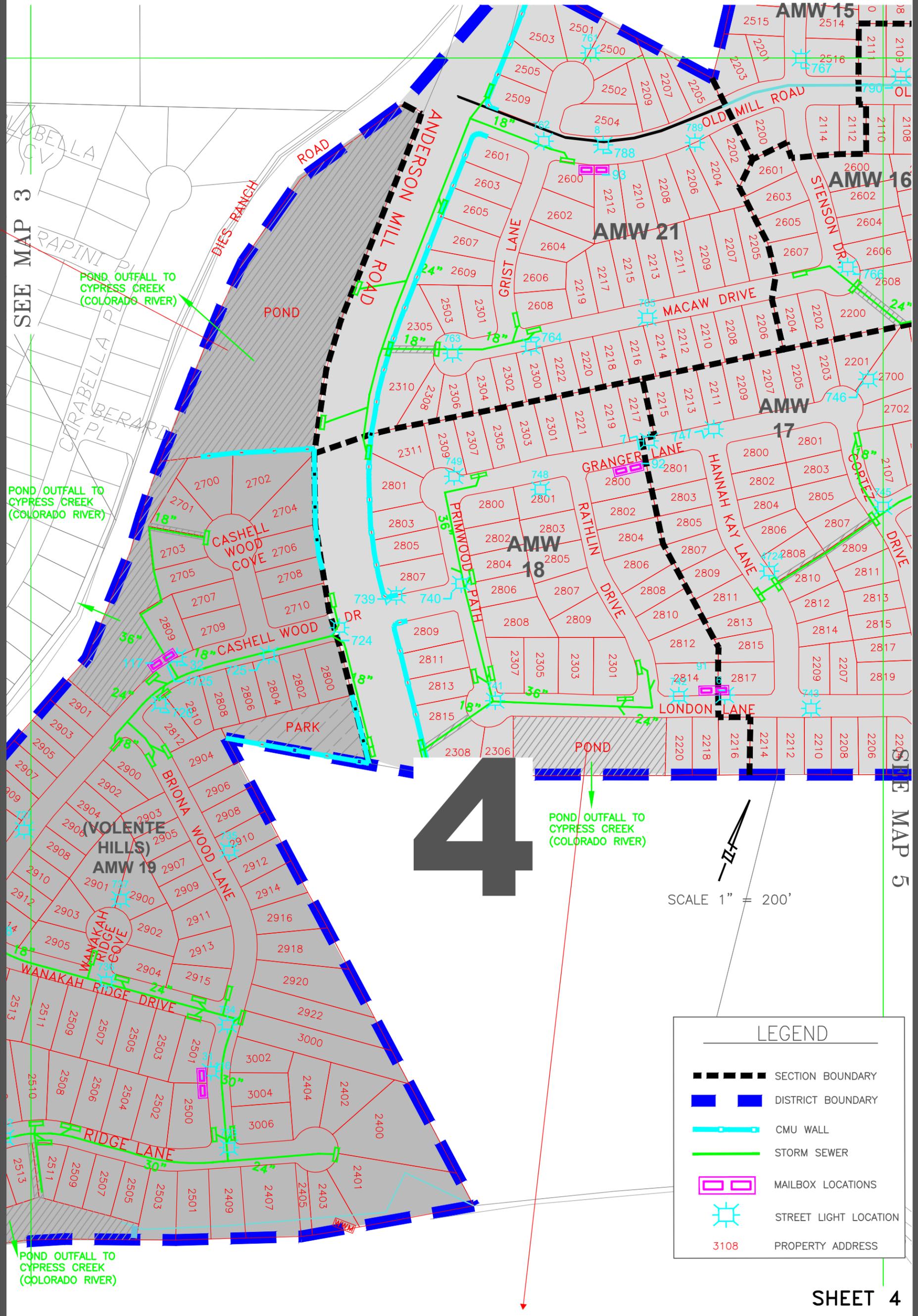
SEE MAP 4

POND OUTFALL TO
CYPRESS CREEK
(COLORADO RIVER)

SHEET 3

MAP-4

SEE MAP 8



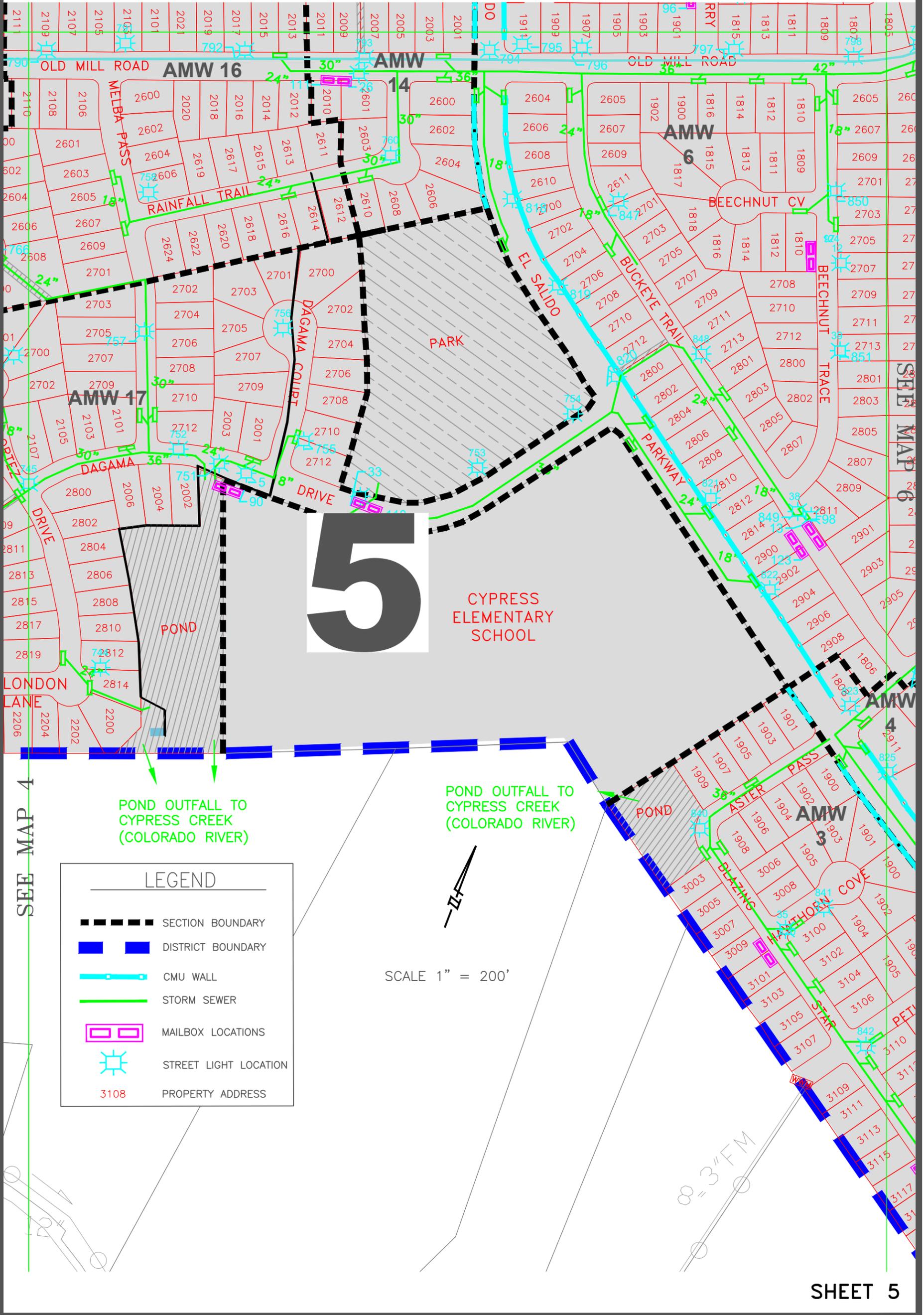
SEE MAP 3

SEE MAP 5

LEGEND	
	SECTION BOUNDARY
	DISTRICT BOUNDARY
	CMU WALL
	STORM SEWER
	MAILBOX LOCATIONS
	STREET LIGHT LOCATION
	PROPERTY ADDRESS

MAP-5

SEE MAP 9



LEGEND	
	SECTION BOUNDARY
	DISTRICT BOUNDARY
	CMU WALL
	STORM SEWER
	MAILBOX LOCATIONS
	STREET LIGHT LOCATION
	PROPERTY ADDRESS

SCALE 1" = 200'



POND OUTFALL TO CYPRESS CREEK (COLORADO RIVER)

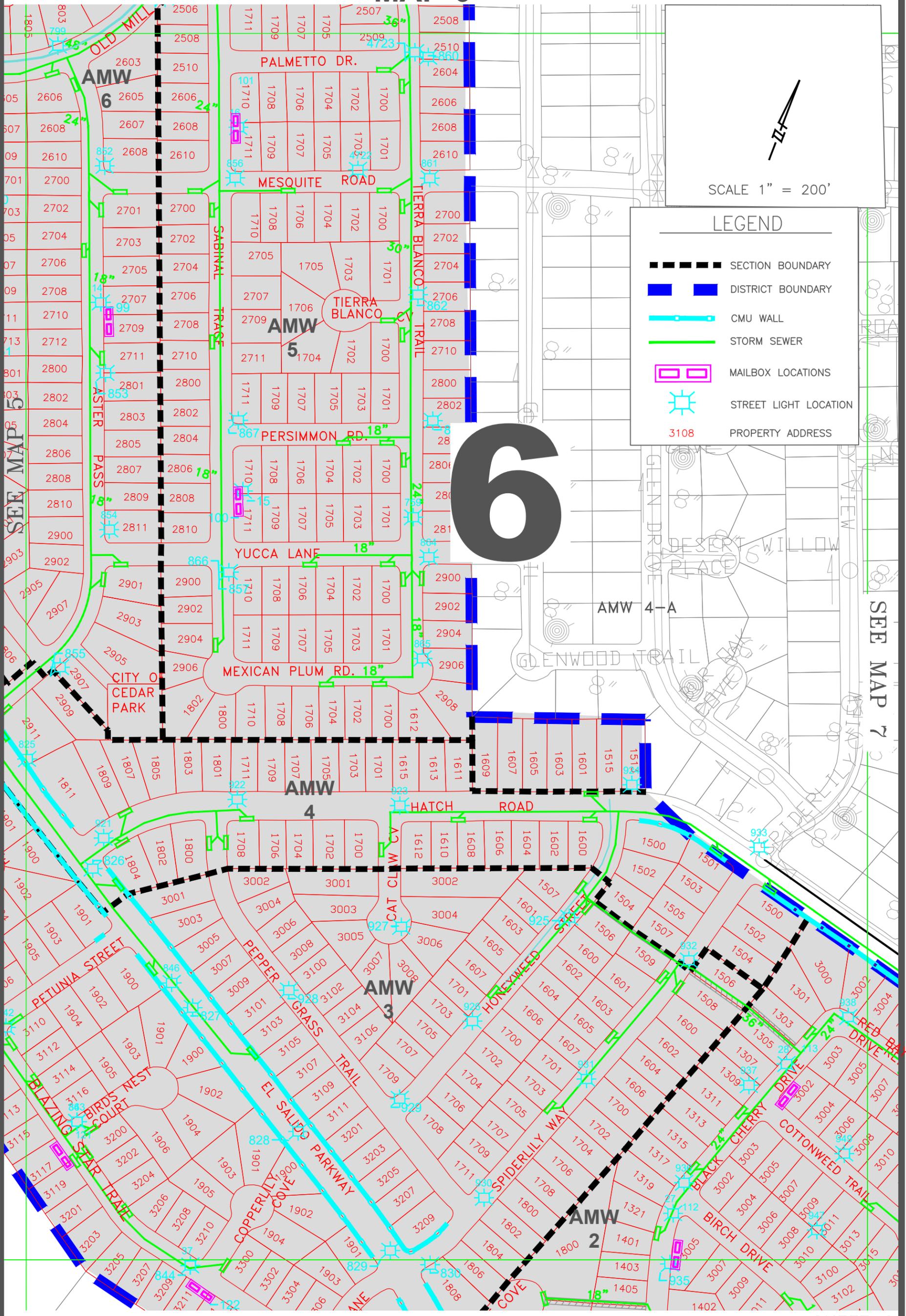
POND OUTFALL TO CYPRESS CREEK (COLORADO RIVER)

SEE MAP 4

SEE MAP 6

MAP-6

SEE MAP 10



SCALE 1" = 200'

LEGEND

- SECTION BOUNDARY
- DISTRICT BOUNDARY
- CMU WALL
- STORM SEWER
- MAILBOX LOCATIONS
- STREET LIGHT LOCATION
- PROPERTY ADDRESS

MAP-7

SEE MAP 11

7

SCALE 1" = 200'

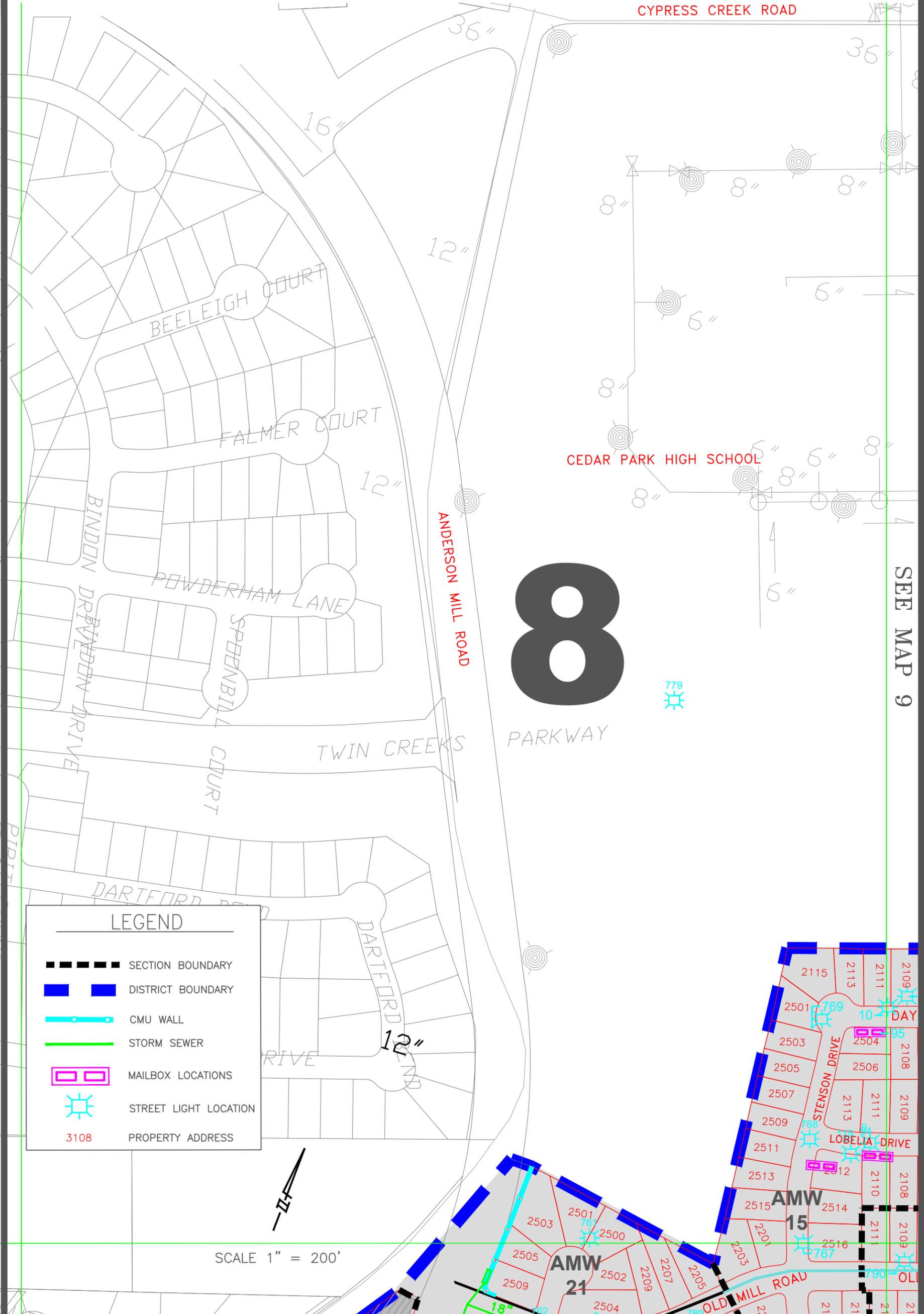
SEE MAP 6

LEGEND	
	SECTION BOUNDARY
	DISTRICT BOUNDARY
	CMU WALL
	STORM SEWER
	MAILBOX LOCATIONS
	STREET LIGHT LOCATION
	PROPERTY ADDRESS

H:\Projects\919 WTC\919 WTC\11388 Street Light Map Update\CAD\Sheets\Sheet 7

MAP-8

CYPRESS CREEK ROAD



CEDAR PARK HIGH SCHOOL

8

SEE MAP 9

LEGEND

- SECTION BOUNDARY
- DISTRICT BOUNDARY
- CMU WALL
- STORM SEWER
- MAILBOX LOCATIONS
- STREET LIGHT LOCATION
- 3108 PROPERTY ADDRESS

SCALE 1" = 200'

SEE MAP 4

SHEET 8

MAP-9

CYPRESS CREEK ROAD

SCALE 1" = 200'

LEGEND

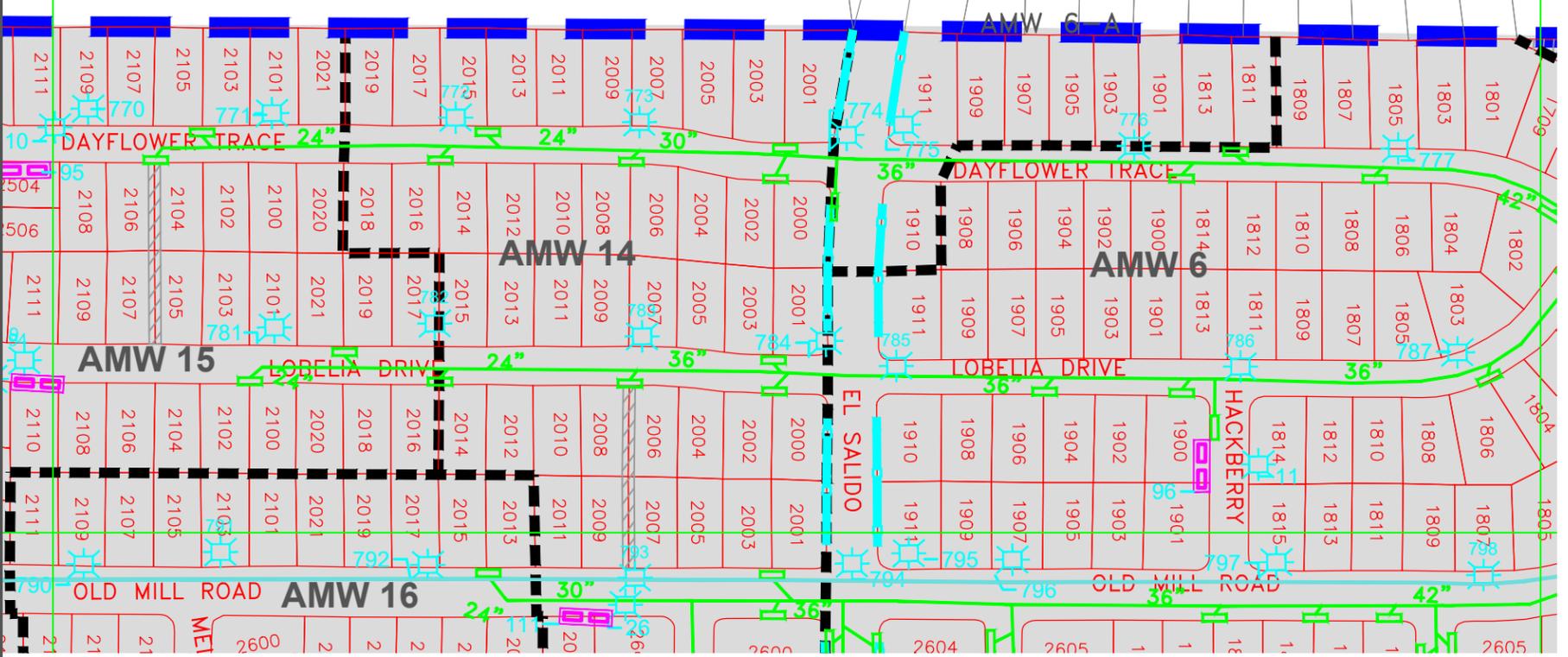
- SECTION BOUNDARY
- DISTRICT BOUNDARY
- CMU WALL
- STORM SEWER
- MAILBOX LOCATIONS
- STREET LIGHT LOCATION
- 3108 PROPERTY ADDRESS

9

SEE MAP 8

SEE MAP 10

H:\Projects\919 WTC\919 WTC\11388 Street Light Map Update\CAD\Sheets\Sheet 9



SEE MAP 5

SHEET 9

MAP-10

SCALE 1" = 200'

LEGEND

- SECTION BOUNDARY
- DISTRICT BOUNDARY
- CMU WALL
- STORM SEWER
- MAILBOX LOCATIONS
- STREET LIGHT LOCATION
- PROPERTY ADDRESS

10

Buttercup Creek
unnamed trib
(waters of U.S.)

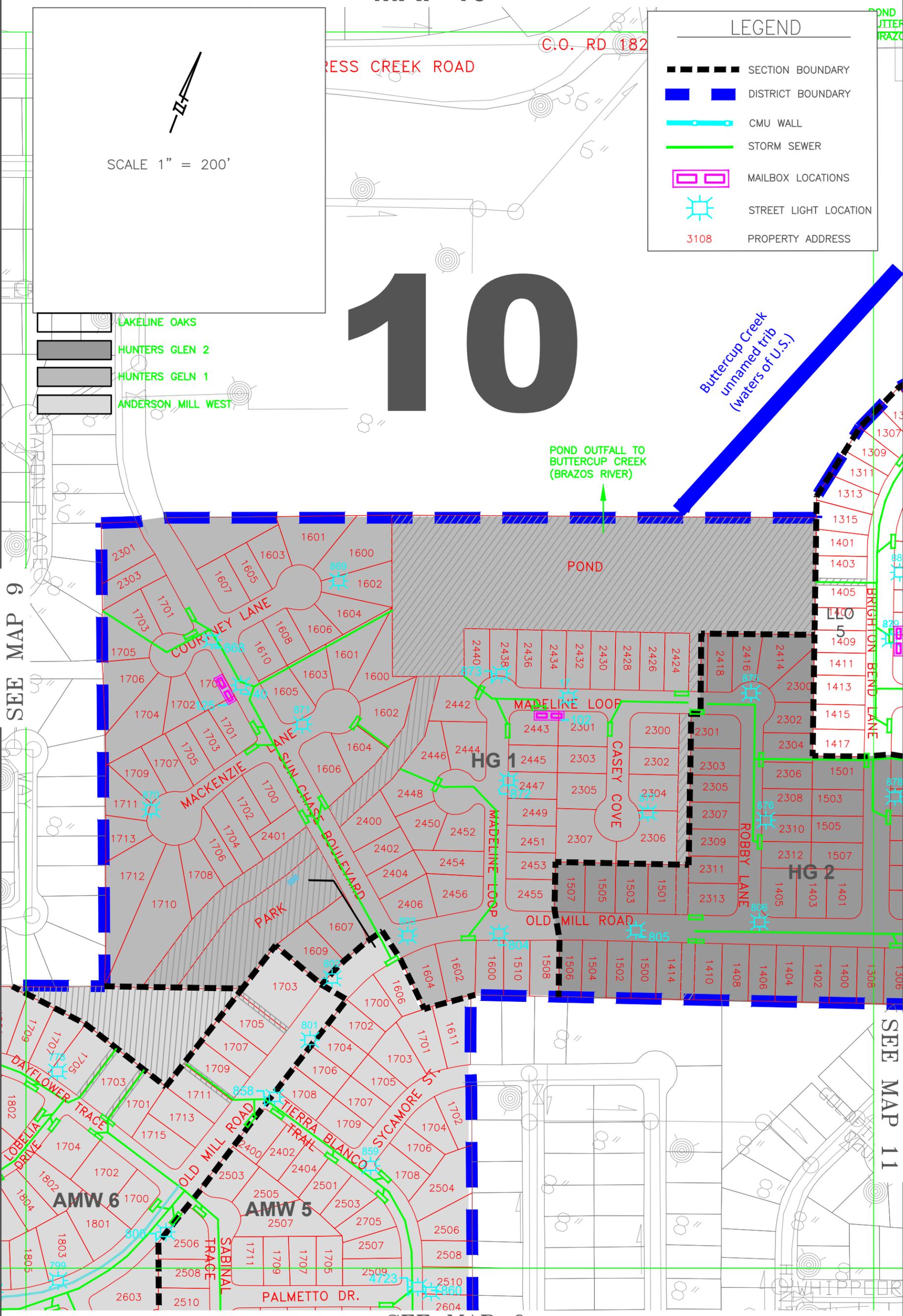
POND
POND OUTFALL TO
BUTTERCUP CREEK
(BRAZOS RIVER)

SEE MAP 9

SEE MAP 11

SEE MAP 6

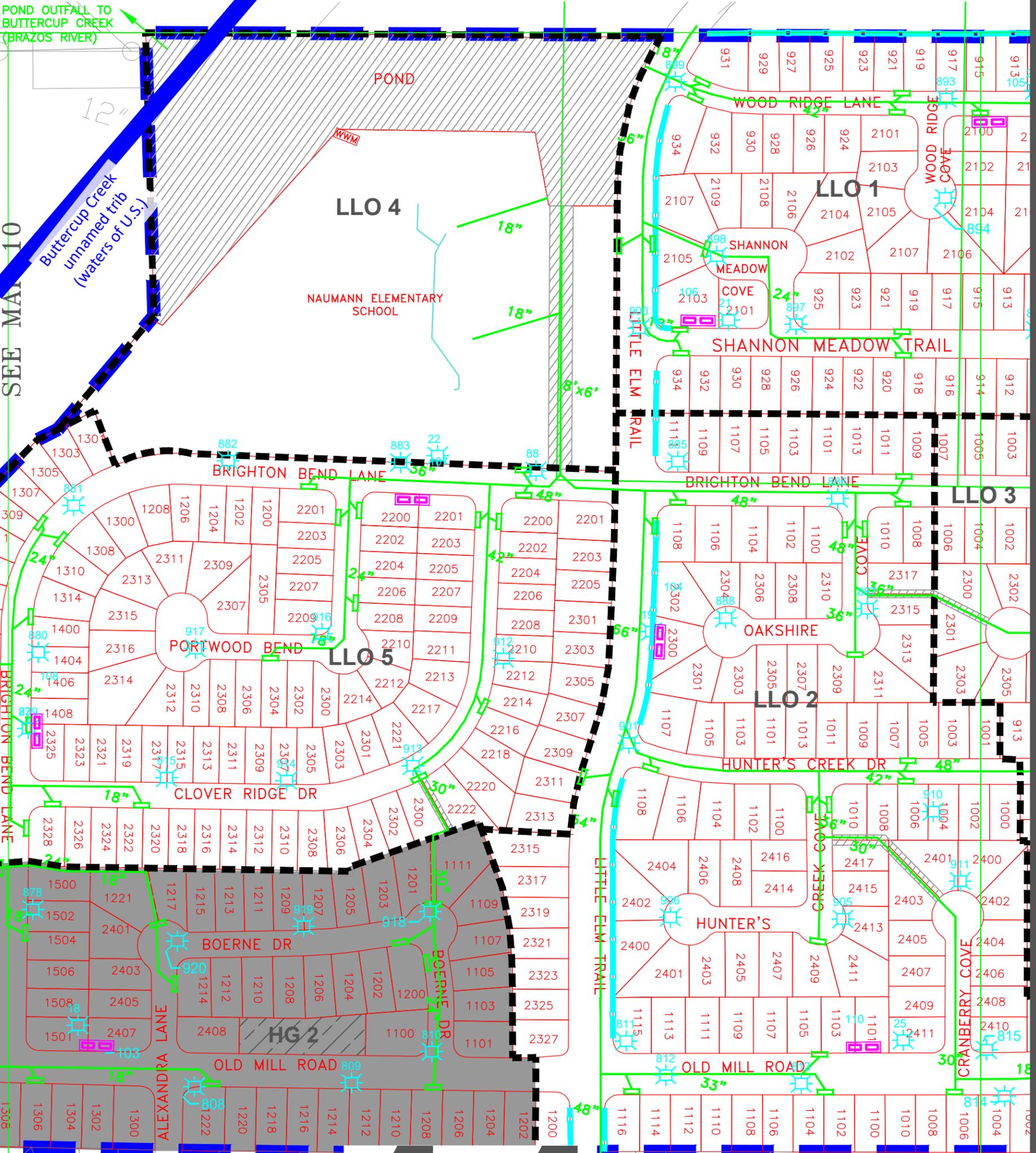
SHEET 10



LAKELINE OAKS
HUNTERS GLEN 2
HUNTERS GLEN 1
ANDERSON MILL WEST

2301 1601 1600 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700 1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1750 1751 1752 1753 1754 1755 1756 1757 1758 1759 1760 1761 1762 1763 1764 1765 1766 1767 1768 1769 1770 1771 1772 1773 1774 1775 1776 1777 1778 1779 1780 1781 1782 1783 1784 1785 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 1796 1797 1798 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2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 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2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818 2819 2820 2821 2822 2823 2824 2825 2826 2827 2828 2829 2830 2831 2832 2833 2834 2835 2836 2837 2838 2839 2840 2841 2842 2843 2844 2845 2846 2847 2848 2849 2850 2851 2852 2853 2854 2855 2856 2857 2858 2859 2860 2861 2862 2863 2864 2865 2866 2867 2868 2869 2870 2871 2872 2873 2874 2875 2876 2877 2878 2879 2880 2881 2882 2883 2884 2885 2886 2887 2888 2889 2890 2891 2892 2893 2894 2895 2896 2897 2898 2899 2900 2901 2902 2903 2904 2905 2906 2907 2908 2909 2910 2911 2912 2913 2914 2915 2916 2917 2918 2919 2920 2921 2922 2923 2924 2925 2926 2927 2928 2929 2930 2931 2932 2933 2934 2935 2936 2937 2938 2939 2940 2941 2942 2943 2944 2945 2946 2947 2948 2949 2950 2951 2952 2953 2954 2955 2956 2957 2958 2959 2960 2961 2962 2963 2964 2965 2966 2967 2968 2969 2970 2971 2972 2973 2974 2975 2976 2977 2978 2979 2980 2981 2982 2983 2984 2985 2986 2987 2988 2989 2990 2991 2992 2993 2994 2995 2996 2997 2998 2999 3000

MAP-11



SEE MAP 10

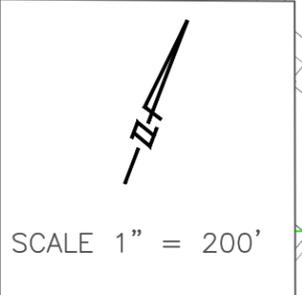
SEE MAP 12

SEE MAP 7

SHEET 11

LEGEND

-  SECTION BOUNDARY
-  DISTRICT BOUNDARY
-  CMU WALL
-  STORM SEWER
-  MAILBOX LOCATIONS
-  STREET LIGHT LOCATION
-  PROPERTY ADDRESS



MAP-12

12

SCALE 1" = 200'

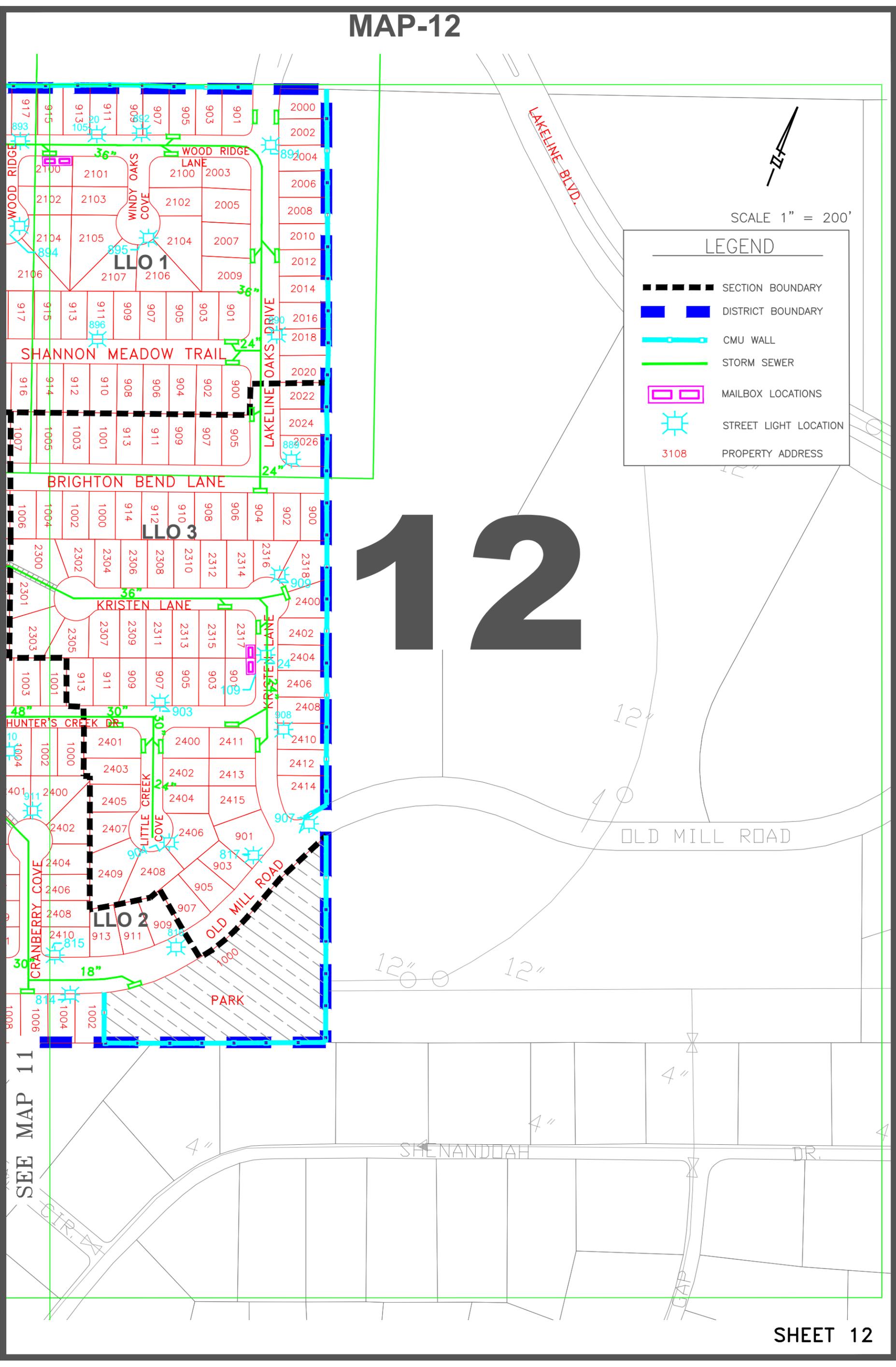
LEGEND

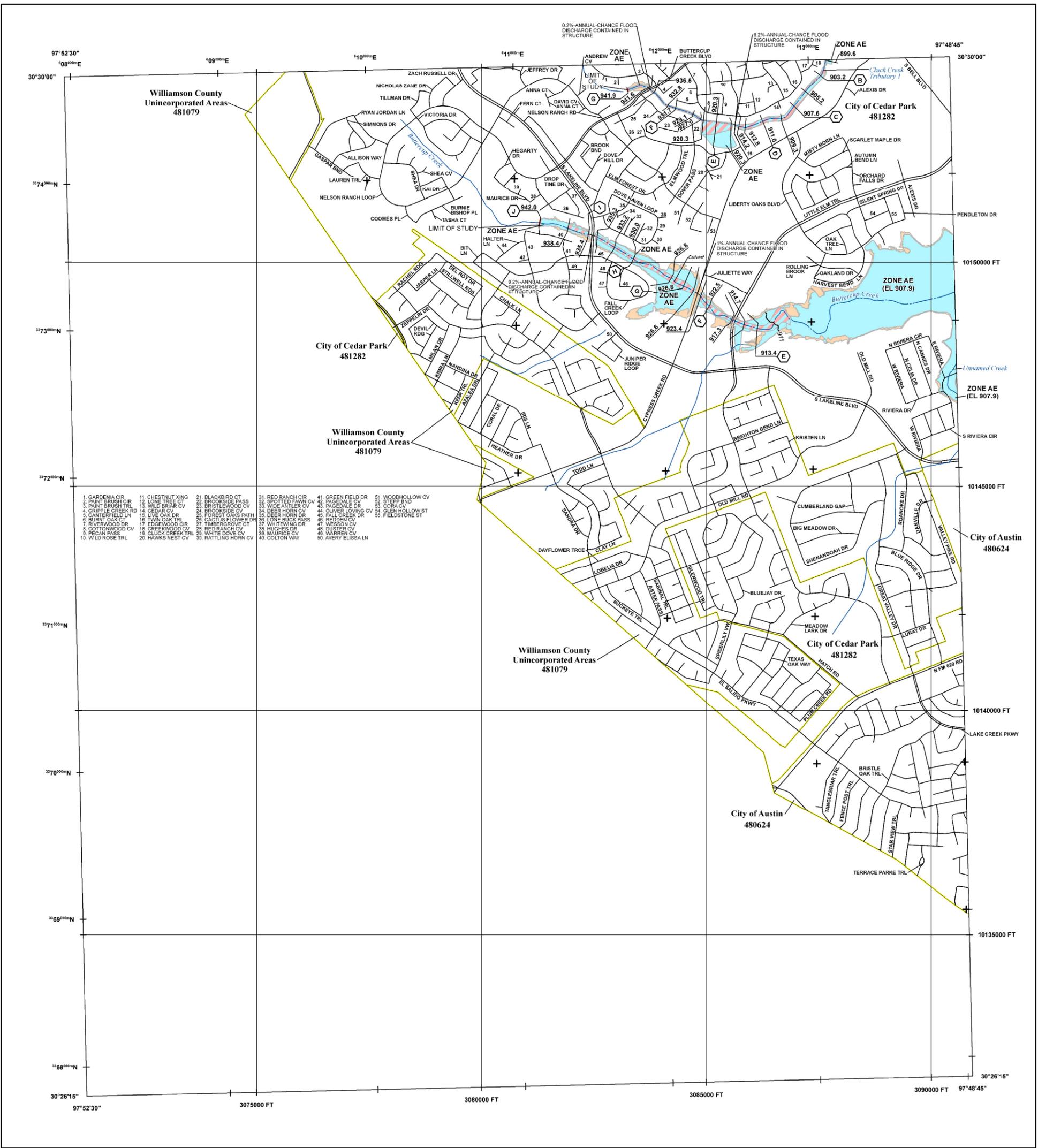
-  SECTION BOUNDARY
-  DISTRICT BOUNDARY
-  CMU WALL
-  STORM SEWER
-  MAILBOX LOCATIONS
-  STREET LIGHT LOCATION
-  PROPERTY ADDRESS

H:\Projects\919 WTC\919 WTC\11388 Street Light Map Update\CAD\Sheets\Sheet 12

SEE MAP 11

SHEET 12





1. GARDENIA CIR
2. PAINTE BRUSH CIR
3. CRIPPLE CREEK RD
4. GANTERFIELD LN
5. BURNT OAK CT
6. RIVERWOOD DR
7. COTTONWOOD CV
8. PECAN PASS
9. WILD ROSE TRL
10. WILD ROSE TRL
11. CHESTNUT XING
12. LONE TREE CT
13. WILD BRAR CV
14. CEDAR CV
15. LIVE OAK DR
16. TWIN OAK TRL
17. EDGEMOOD CV
18. CREEKWOOD CV
19. CLUCK CREEK TRL
20. HAWKS NEST CV
21. BLACKBIRD CT
22. BROOKSIDE PASS
23. BRISTLEWOOD CV
24. BROOKSIDE CV
25. FOREST GEMS PATH
26. CACTUS FLOWER DR
27. TIMBERHORN CT
28. RED RANCH CV
29. WHITE DOVE CV
30. RAT LING HORN CV
31. RED RANCH CIR
32. SPOTTED FAWN CV
33. WIDE ANTLER CV
34. DEER HORN CV
35. DEER HORN DR
36. LONE BUCK PASS
37. WHITING DR
38. HUGHES DR
39. MAURICE CV
40. COLTON WAY
41. GREEN FIELD DR
42. PAGEDALE CV
43. CORA CV
44. OLIVER LOVING CV
45. FALL CREEK DR
46. REDDEN CV
47. WESSON CV
48. DUSTER CV
49. WARREN CV
50. AVERY ELISSA LN
51. WOODHOLLOW CV
52. STEFF BND
53. CORA CV
54. GLEN HOLLOW ST
55. FIELDSTONE ST

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTPS://MSC.FEMA.GOV](https://msc.fema.gov)

	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway
	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee See Notes Zone X
	NO SCREEN Areas of Minimal Flood Hazard Zone X
	Area of Undetermined Flood Hazard Zone D
	Channel, Culvert or Storm Sewer
	Levee, Dike or Floodwall
	Cross Sections with 1% Annual Chance Water Surface Elevation (BFE)
	Coastal Transect
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at <https://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

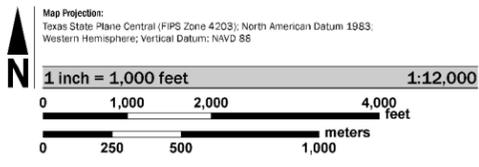
Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was derived from digital data obtained from Texas Natural Resource Information Systems (TRNRS), dated 2000; United States Census Bureau, dated 2015; United States Geological Survey, dated 2005; and the Williamson County Geographic Information Systems (GIS) Department, dated 2014 and 2017.

SCALE



PANEL LOCATOR



National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
WILLIAMSON COUNTY, TEXAS
 and Incorporated Areas
PANEL 605 OF 750

FEMA

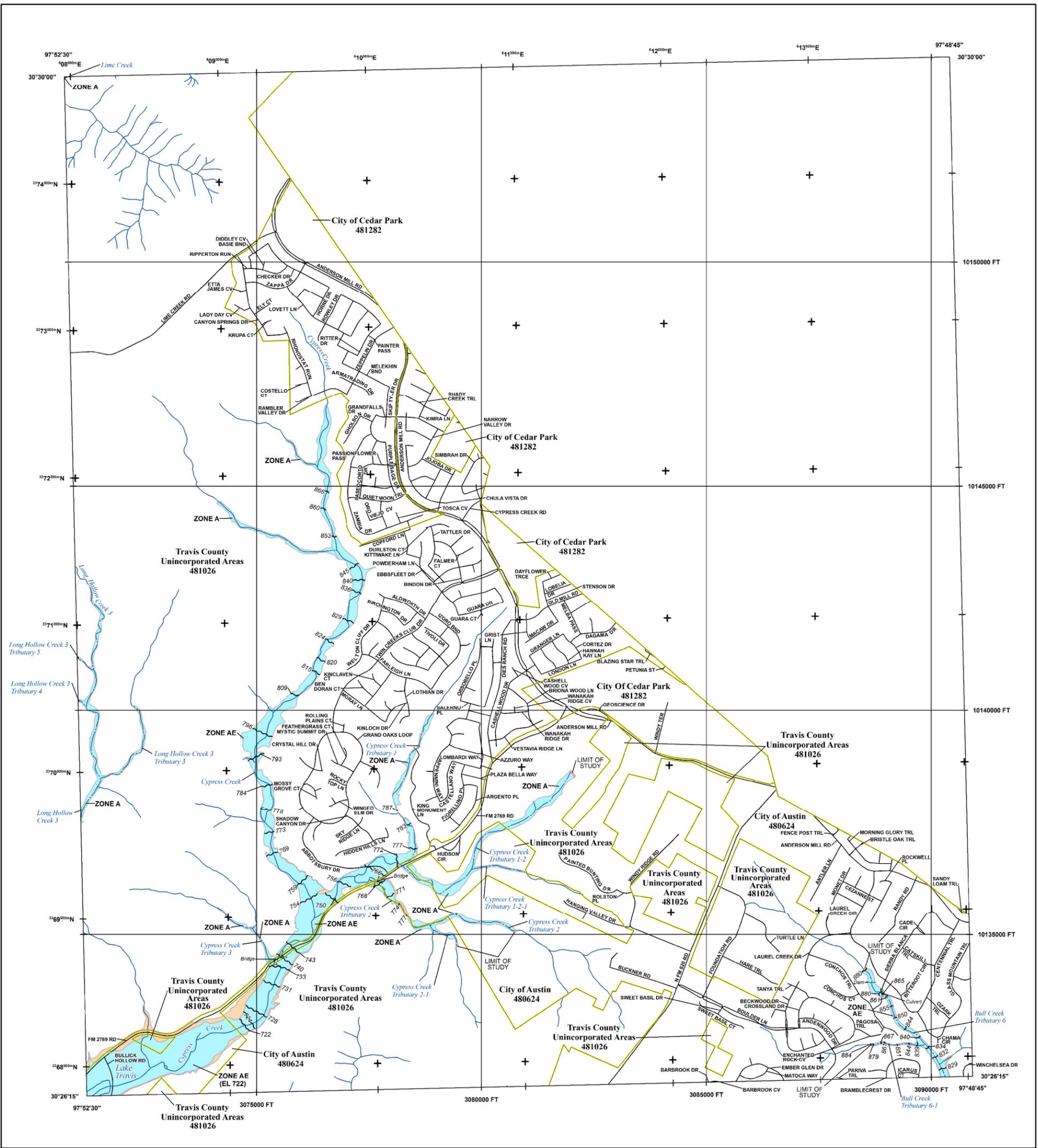
Panel Contains:

COMMUNITY	NUMBER	PANEL SUFFIX
AUSTIN, CITY OF	480624	0605 F
CEDAR PARK, CITY OF	481282	0605 F
WILLIAMSON COUNTY	481079	0605 F

VERSION NUMBER
2.3.3.3

MAP NUMBER
48491C0605F

MAP REVISED
DECEMBER 20, 2019



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT
THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTPS://MSC.FEMA.GOV](https://msc.fema.gov)

	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee See Notes. Zone X
	Area with Flood Risk due to Levee Zone D
	NO SCREEN Area of Minimal Flood Hazard Zone X
	Area of Undetermined Flood Hazard Zone D
	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
	Cross Sections with 1% Annual Chance Water Surface Elevation
	Coastal Transect
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary

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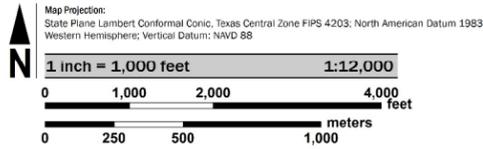
Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

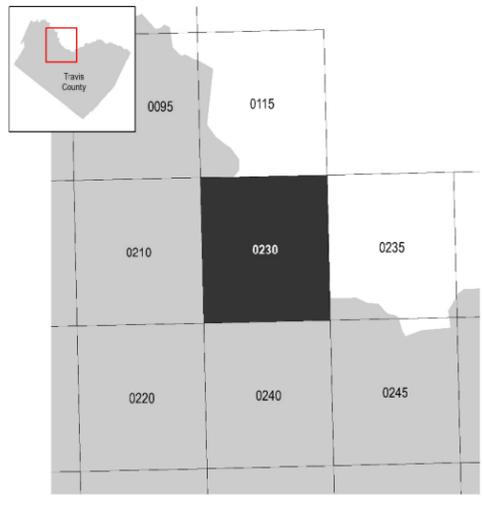
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-658-6620.

Base map information shown on this FIRM was derived from digital data obtained from City of Austin dated 2016, NPHL dated 2014, and CAPOCS dated 2014 and 2016.

SCALE



PANEL LOCATOR



FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
TRAVIS COUNTY, TEXAS
 and Incorporated Areas
PANEL 230 OF 730

Panel Contains:
 COMMUNITY: AUSTIN, CITY OF; CEDAR PARK, CITY OF; TRAVIS COUNTY
 NUMBER: 480624, 481282, 481026
 PANEL: 0230, 0230, 0230
 SUFFIX: K, K, K

VERSION NUMBER: 2.3.3.3
 MAP NUMBER: 48453C0230K
 MAP REVISED: JANUARY 22, 2020

BMP	Activity/Measureable Goal	Frequency	Completed By	Target Dates	Status
Stormwater Committee	Meet bi-annually	Bi-Annually	District Manager & Committee	Set meeting dates.	The SW committee met on 6/13/2022 & 9/15/2022.
	Evaluate BMPs included in SWMP annually	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This was completed at the 6/13/2022 SW committee meeting.
	Maintain minutes and agendas of Stormwater Committee meetings	As needed	District Paralegal	June 2022 & September 2022	We had no minutes from the first meeting but we do have documented minutes from our second meeting on 9/15/2022.
	Post items on District website to determine if additional members would be interested in participation.	Annually/As needed	District Manager	September 2020 September 2021 September 2022	The districts MS4 page is completely updated.
Public Education & Outreach	Review existing brochures to determine if additional subjects should be included	Annually	District Manager & Committee	June 2022	Brochures were reviewed at the June meeting.
	If deemed necessary by Stormwater Committee, develop and implement new brochure with additional subjects related to stormwater pollution Prevention	Annually/As needed	District Manager & Committee	September 2020 September 2021 September 2022	Not needed at this time - per the decision at the June SW committee meeting.
	Implement mail out process either through delivery of relevant brochures to the City of Cedar Park for mail out with utility bills, or through direct mail out by District to all residents	Annually	District Manager & Committee	December 2020 December 2021 December 2022	We attach the brochure to the December/January bills that go out and it is located on the district website.
	Brochures to be supplied to each Board member and all consultants	Annually	District Manager & Committee	December 2020 December 2021 December 2022	Brochures were supplied at the December 2022 meeting and via mail in December/January.
	Organize annual presentation to Board members, consultants, general public, residents, and other interested groups on the requirements of the program	Annually	District Manager & Committee	December 2020 December 2021 December 2022	The presentation is currently available on the district website.
Website	Review stormwater quality information included on District's website quarterly to determine if updates are needed; ensure inclusion of SWMP and annual reports	Quarterly	District Manager & Committee	Quarterly - December 2022	Information has been reviewed and updated several times throughout 2022.
	Post additional subjects related to SWMP implementation activities and opportunities for public participation on the District website	Quarterly/As needed	District Manager & Committee	December 2020 December 2021 December 2022	All subjects that are needed are currently posted to the district website.
	Continue website distribution of information	Annually/As needed	District Manager & Committee	December 2020 December 2021 December 2022	Completed for 2022.
Outreach Program	Make stormwater quality fact sheets available upon request to the public	Annually	District Manager	December 2020 December 2021 December 2022	The current fact sheet is up to date on the district website and available upon request at the district building.
Forming Partnerships	Seek to share ideas with other MUDs and with the City of Cedar Park	Annually	District Manager & Committee	December 2020 December 2021 December 2022	We supply all our information online so that other City's and MUDs have access when needed.
Community Cleanup	Publicize collection events on the District's website	Bi-Annually	District Manager	Spring & Fall 2022	All collection events are advertised via the district website as well as bulletin boards and mail inserts - all were completed for 2022.
	Review and assess storm labeling program to ensure all identified target areas or streets have been included in the storm drain labeling program	Annually	District Manager & Committee	December 2020 December 2021 December 2022	The labeling program commenced years ago and all target areas were accomplished. An inlet survey is completed annually to ensure all inlets remain labeled over time.

Storm Drain Labeling	Identify groups that may be willing to participate in the storm drain labeling program	Annually	District Manager & Committee	December 2020 December 2021 December 2022	We advertise all MS4 related events in the public district board meetings as well as via the marquee sign that is placed at multiple locations in the district.
	Review and assess quality of all existing storm drain labels to evaluate whether replacement is needed	Annually	District Manager & Committee	December 2020 December 2021 December 2022	This is completed annually and has been completed for 2022.
	Assess and identify 100% of storm drains needing repair or replacement of storm drain labels	Annually	District Manager & Committee	December 2020 December 2021 December 2022	This is completed annually and has been completed for 2022.
	Maintain adequate records of all stormwater labeling and volunteer participation	Annually	District Manager & Committee	December 2020 December 2021 December 2022	All records are kept on cloud drives as well as via a work order system. This has been completed for 2022.
	Annually report on the total number of storm drains labeled, as well as the repair or replacement of any existing storm drain labels	Annually	District Manager & Committee	December 2020 December 2021 December 2022	All unlabeled drains have been relabeled at this time - 2022.

Program	Activity/Measurable Goal	Frequency	Completed By	Date of Compliance	Status
Illicit Discharge Regulations/Order	Develop Rules and Regulations	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed and they are reviewed annually.
	Adopt and implement Rules and Regulations	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
Program to detect and eliminate illicit discharges	Develop/update program to detect and eliminate illicit discharges	Annually	District Manager & Committee	September 2020 September 2021 September 2022	The program has been developed and is reviewed/updated annually.
	Publicize and facilitate public reporting of illicit discharges or water quality impacts associated into or from the MS4 via the District's website	Annually	District Manager & Committee	September 2020 September 2021 September 2022	Done as needed.
	Respond to complaints received in Permit Years 1 through 5.	Annually/As needed	District Manager & Committee	Respond within 60 days	Done as needed.
	Implement routine inspection program	Monthly	District Manager	Monthly - throughout 2022	Pond inspections have been completed monthly.
Plan to detect non- stormwater discharges and	Develop plan to detect and address non-stormwater discharges and illegal dumping	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed - warnings are given prior to fines for all cases.
	Implement plan	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
	Annual review of the plan to consider possible updates	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
Storm Sewer Map	Review and assess the map of the MS4 system to ensure the inclusion and location of the following: MS4 receiving streams; stormwater outfalls; and permit coverage area	Annually	District Manager & Committee	September 2020 September 2021 September 2022	Gray Engineering updated the map in 2020 - no new updates needed.
	Annual review and update of map	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
Education and Training	Develop a training program which describes the implementation of illicit discharge practices and procedures, regarding the observation of an illicit discharge or illicit connection to the MS4	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
	Conduct annual trainings of all Board members	Annually	District Manager & Committee	December 2020 December 2021 December 2022	This has been completed.
	Screen 50 percent of outfalls per year with 100% compliance in Permit Year 5.	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.

Outfall Screening	Maintain records of outfall screenings for each year, including investigations for each outfall and any elimination activities	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
	Annually report on the number of outfalls screened, number of stormwater discharges, and elimination activities conducted under this program	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.

Program	Activity (BMP)	Frequency	Completed By	Date Due	Status
Construction Site Runoff Regulations/Order	Develop Rules and Regulations	Annually	District Manager & Committee	September 2020 September 2021 September 2022	The rules and regulations have been developed and they are reviewed annually - this has been completed for 2022.
	Adopt and implement Rules and Regulations	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
Public Information	Review and assess topics in educational materials to determine if any additional construction information is needed.	Annually	District Manager & Committee	September 2020 September 2021 September 2022	Done as needed - no updates needed at this time.
	Review and assess procedures by which to receive and consider information from the public and include information in any construction educational materials and on the District's website	Annually	District Manager & Committee	September 2020 September 2021 September 2022	Done as needed - no updates needed at this time.
Construction Site Runoff Control	Review requirements for contractors annually and rewrite, if necessary	Annually	District Manager & Committee	September 2020 September 2021 September 2022	Done as needed - no updates needed at this time.

Program	Activity (BMP)	Frequency	Completed By	Date Due	Status
Address post-construction runoff	Develop Rules and Regulations	Annually	District Manager & Committee	September 2020 September 2021 September 2022	The rules and regulations have been developed and they are reviewed annually.
	Adopt and implement Rules and Regulations	Annually	District Manager & Committee	September 2020 September 2021 September 2022	
	Develop procedures to document and maintain records of enforcement actions	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
New Development and Re- development stormwater program	Evaluate current non- structural BMPs	Annually	District Manager & Committee	September 2020 September 2021 September 2022	Done as needed.
	Evaluate current BMP inspection program	Annually	District Manager & Committee	September 2020 September 2021 September 2022	Done as needed.

Program	Activity (BMP)	Frequency	Completed By	Date Due	Status
Reduce discharge or pollutants into stormwater system	Work to reduce animal waste and floatables from entering the District's stormwater system	Annually	District Manager & Committee	September 2020 September 2021 September 2022	We have over 20 doggie waste stations throughout the district and we conduct monthly pond inspections to ensure this is completed as needed.
Structural Control Maintenance	Develop written procedures for inspecting and maintaining structural controls	Annually	District Manager & Committee	September 2020 September 2021 September 2022	These rules have been developed and they are reviewed annually.
	Conduct inspections of pollution prevention measures and maintain inspection log	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This is done via Inframark's WOs and can be tracked in the WO system. WO list is provided in the annual report.
Operation and Maintenance Stormwater Program	Identify persons responsible for implementation of the program	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
	Identify potential hazardous materials, including develop and maintain inventory of stormwater facilities	Annually	District Manager & Committee	September 2020 September 2021 September 2022	The facilities are developed and maintained as needed and inventory is kept as well as mapped. This has been completed.
	Identify existing and implement new methods to reduce stormwater pollution	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This is completed as needed.
	Evaluate existing and introduce new pollution controls	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
	Utilize organic pesticides and herbicides to the fullest extent possible	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This is done via the Landscaper - only allowed substances are used in and around the stormwater system.
Education and Training	Develop a training program which describes how to reduce stormwater pollution	Annually	District Manager & Committee	September 2020 September 2021 September 2022	This has been completed.
	Conduct annual trainings of all Board members	Annually	District Manager &	September 2020 September 2021 September 2022	This has been completed.

**WILLIAMSON-TRAVIS COUNTIES MUNICIPAL UTILITY DISTRICT NO. 1
OF
WILLIAMSON AND TRAVIS COUNTIES, TEXAS**

TO: THE BOARD OF DIRECTORS OF WILLIAMSON-TRAVIS COUNTIES MUNICIPAL UTILITY DISTRICT NO. 1 OF WILLIAMSON-TRAVIS COUNTIES, TEXAS, AND TO ALL OTHER INTERESTED PERSONS:

Notice is hereby given that the Board of Directors of Williamson-Travis Counties Municipal Utility District No. 1 will hold a special meeting, open to the public, on **WEDNESDAY, 13 December 2023, at 6:30 P.M.** at The Park at Lakeline Oaks, 1000 Old Mill Road, Cedar Park, Texas 78613, an official meeting place within the boundaries of the District. The Board will consider and act upon the following matters:

1. Comments and questions from District residents (three-minute limit for each speaker);
2. Consent Agenda, including approval of minutes of 8 February 2023, 15 February 2023, and 15 November 2023;
3. Engineer's Report, including:
 - (a) status of Sun Chase Park playscape;
 - (b) status of Hatch Lift Station project;
 - (c) status of District facilities;
 - (d) review of Stormwater Management Plan and Phase II MS4 Annual Report;
 - (e) review of Estimate of Replacement Value for District insurance;
 - (f) status of Lead and Copper Rule Revisions project;
 - (g) update on other matters, as needed;
4. Accountant's Report, including:
 - (a) review of payments on current not-to-exceed expenditures;
 - (b) payment of bills and invoices;
5. General Manager / Operator's Report, including:
 - (a) adopt Amended Rate Order;
 - (b) annual stormwater training;
 - (c) confirm submission of Phase II MS4 Annual Report to the Texas Commission on Environmental Quality;
6. Committee Assignments and Reports, including:
 - (a) Parks Committee;
 - (b) Deed Restriction Committee, including adopt new deed restrictions Resolution;
 - (c) Infrastructure Committee;
 - (d) Information Management Committee;
 - (e) Budget Committee, including amend budget for the fiscal year ending 30 September 2024, as needed;
7. Old business;
8. New business;

9. Attorney's Report, including:
 - (a) adopt Resolution for Closing of Bank Account with Austin Capital Bank;
 - (b) authorize filing of District Registration Form with the Texas Commission on Environmental Quality for reconstitution of the Board of Directors;
 - (c) review annual calendar for 2024;
10. Convene in executive session pursuant to Texas Government Code, Chapter 551, to discuss matters only relating to pending or contemplated litigation, personnel matters, real estate transactions, or security, if necessary;
11. Actions related to matters discussed during executive session; and
12. Such other matters as may come before the Board, including:
 - (a) discussion about items to be included on the agenda for future meetings (**next meeting date 17 January 2024**); and
 - (b) schedule future meetings as required.



Coleman D. Konopka
Attorney for Williamson-Travis Counties Municipal Utility
District No. 1
Coats Rose, P.C.
2700 Via Fortuna, Suite 350
Austin, Texas 78746

(SEAL)

***Persons wishing to speak during Citizen Communications must sign up to speak prior to the beginning of the meeting.** Comments on applicable agenda items may be expressed during Citizen Communications only. Pursuant to Tex. Gov't Code § 551.042, the Board of Directors' responses are restricted if a person(s) speaks on a topic not posted on the District's Agenda and the comment does not relate to an item of discussion. The Board of Directors may go into Executive Session, if necessary, pursuant to the applicable section of Subchapter D, Chapter 551, Texas Government Code, the Texas Open Meetings Act, on any of the above matters. No final action, decision, or vote will be taken on any subject or matter in Executive Session. The District is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Please call Cole Konopka, Coats Rose, P.C., Attorney for the District at 512-541-3593 for further information.




PRECIPITATION SHOULDN'T POLLUTE THE NATION

AN OVERVIEW OF THE WTCMUD 1 STORM WATER MANAGEMENT PROGRAM

1



TOPICS AND KEY CONCEPTS

- WHAT IS AN MS4?
- STORMWATER – WHAT IS IT? HOW DOES IT POSE A PROBLEM FOR OUR COMMUNITY?
- HOW IS OUR DISTRICT MANAGING STORM WATER? WHERE DOES IT GO?
- PUBLIC OUTREACH IDEAS
- CLEAN WATER ACT OF 1948
- POINT SOURCE AND NONPOINT SOURCE
- HOW ARE WE DOING OUR PART?
- MS4 BENEFITS
- COMMUNITY INVOLVEMENT

2

WHAT IS AN MS4?



Municipal

A system owned by a public agency, such as a city, town, county, flood control district, state, or federal agency.



Separate

It does not connect to the sanitary sewer and does not lead to a wastewater treatment plant.



Storm Sewer System

The system is comprised of drains, ditches, curbs, and gutters that move stormwater from one place to another.

FOR MORE INFORMATION ON STORMWATER PERMITS WITHIN THE STATE OF TEXAS VISIT:

[HTTPS://WWW.TCEQ.TEXAS.GOV/PERMITTING/STORMWATER/MS4/WQ_MS4_SMALL_TXRO4.HTML](https://www.tceq.texas.gov/permitting/stormwater/ms4/wq_ms4_small_txro4.html)

3

Doing it right City runoff - **Doing it wrong**
down the drain

Household runoff goes to storm drain
Roofing rains water into storm drain
Mulch stays in place
Rainwater collector
Mulch stays in place
Household runoff goes to storm drain
Roofing rains water into storm drain
Mulch stays in place
Rainwater collector
Mulch stays in place
Household runoff goes to storm drain
Roofing rains water into storm drain
Mulch stays in place
Rainwater collector
Mulch stays in place

City runoff is not treated

Urban runoff flows into a retention pond. The storm water is treated, filtered, and pumped to the storm drain. The storm drain is not treated.

DID YOU KNOW THAT EVERY TIME YOU BLOW YOUR LAWN CLIPPINGS INTO THE STREET, THAT IS AN ILICIT DISCHARGE INTO THE DISTRICT'S STORMWATER SYSTEM, AS THEY WILL EVENTUALLY MAKE THEIR WAY TO THE STORM DRAINS?

TO THE LEFT IS A DEPICTION OF HOW THE STORMWATER SYSTEM RUNS WITHIN A COMMUNITY.

4

STORMWATER, WHAT IS THAT?

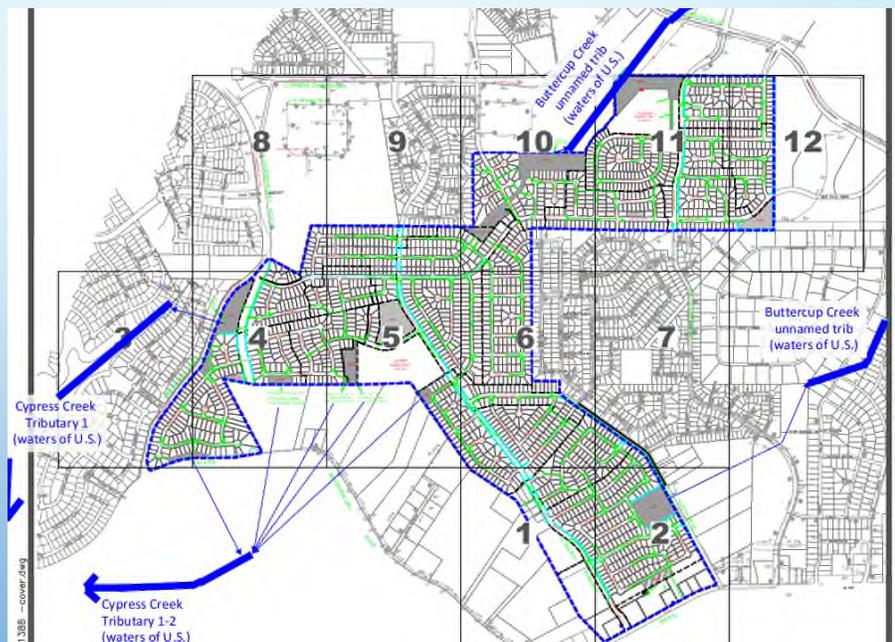
- WATER FOLLOWING, FROM RAIN OR SNOWSTORM, THAT DOES NOT INFILTRATE THE SURFACE IS CALLED STORMWATER
- STORMWATER HAS THE POTENTIAL TO INTRODUCE NEW POLLUTANTS INTO SURFACE WATER – THIS IS BECAUSE ALL STORMWATER SYSTEMS ROUTE TO BODIES OF WATER
- STORMWATER RUNOFF FROM CONSTRUCTION SITES CAN CAUSE SOIL EROSION TO OCCUR AT A RATE 20 TIMES GREATER THAN NORMAL LAND USE – THIS IS DUE TO HIGH AMOUNTS OF SEDIMENTATION/METALS/ETC.
- U.S. ENVIRONMENTAL PROTECTION AGENCY REGULATES CONSTRUCTION ACTIVITY TO REDUCE POLLUTANT AMOUNTS AND ISSUES FINES FOR THOSE WHO POLLUTE OUTSIDE OF THE PARAMETERS FOR THEIR GIVEN PROJECTS



5

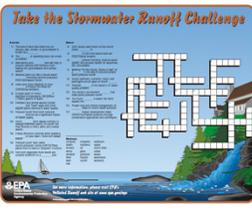
STORMWATER NAVIGATION IN WTC MUD 1

THIS IS THE DISTRICT MAP FOR THE FLOW OF OUR STORMWATER IN WTC MUD 1



6

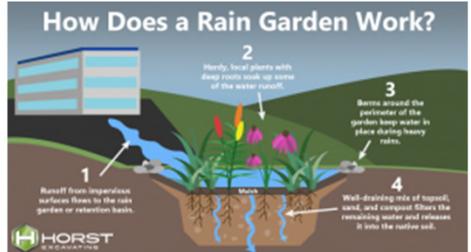




PUBLIC OUTREACH IDEAS

AS THE STORMWATER COMMITTEE HAS MET A FEW TIMES THIS YEAR – THEY HAVE PRODUCED SEVERAL GREAT PUBLIC OUTREACH IDEAS TO BE POTENTIALLY EXECUTED IN THE COMING YEARS:

- STORMWATER CROSSWORD AS A BILLING INSERT
- INLET PLAQUES TO BE UPDATED TO A MORE DURABLE PLAQUE WITH LONGER HOLD CAPACITY
- INLET NUMBERING THROUGHOUT THE ENTIRE DISTRICT
- HOSTING A RAIN GARDEN CLASS WITH A SPECIALIST
- HOST A COMMUNITY CLEAN-UP EVENT



How Does a Rain Garden Work?

- 1 Runoff from impervious surfaces flows to the rain garden or retention basin.
- 2 Hardy, local plants with deep roots soak up some of the water runoff.
- 3 Berms around the perimeter of the garden keep water in place during heavy rains.
- 4 Well-draining mix of topsoil, sand, and compost filters the remaining water and releases it into the native soil.

7

CLEAN WATER ACT

- THE CLEAN WATER ACT (CWA) ESTABLISHES THE BASIC STRUCTURE FOR REGULATING DISCHARGES OF POLLUTANTS INTO THE WATERS OF THE UNITED STATES AND REGULATING QUALITY STANDARDS FOR SURFACE WATERS. THE BASIS OF THE CWA WAS ENACTED IN 1948 AND WAS CALLED THE FEDERAL WATER POLLUTION CONTROL ACT, BUT THE ACT WAS SIGNIFICANTLY REORGANIZED AND EXPANDED IN 1972. "CLEAN WATER ACT" BECAME THE ACT'S COMMON NAME WITH AMENDMENTS IN 1972.



8

POLLUTION AND WHERE IT COMES FROM

- POINT SOURCE
 - POINT SOURCE IS POLLUTION ORIGINATING FROM A SINGLE, IDENTIFIABLE SOURCE, SUCH AS A DISCHARGE PIPE OR A SEWAGE PLANT.
 - THE MOST COMMON SOURCE POINTS IN A MUNICIPAL SYSTEM ARE WASTEWATER TREATMENT PLANTS, LANDFILLS, UTILITY STATIONS, MOTOR POOLS, AND FLEET MAINTENANCE FACILITIES.
- NONPOINT SOURCE
 - NONPOINT SOURCE IS POLLUTION THAT DOES NOT ORIGINATE FROM A SINGLE SOURCE, OR POINT.
 - THE MOST COMMON NONPOINT SOURCE ARE SEDIMENT, NUTRIENTS, MICROORGANISMS, AND TOXICS.



9

HOW CAN STORMWATER BE A PROBLEM?



- STORMWATER RUNOFF CAN CAUSE SEVERAL PROBLEMS:
- EROSION TO STREAM BANKS, DAMAGING AQUATIC HABITATS
- IT CAN PUSH EXCESS NUTRIENTS FROM FERTILIZERS, PET WASTE, AND OTHER SOURCES INTO RIVERS AND STREAMS FUELING ALGAE GROWTH.
- IT CAN PUSH EXCESS SEDIMENT INTO RIVERS AND STREAMS. SEDIMENT CAN BLOCK SUNLIGHT FROM PENETRATING THE UNDERWATER GRASSES AND CAUSE HARM TO AQUATIC.
- IT CAN ALSO PUSH PESTICIDES, LEAKING FUEL, OR MOTOR OIL AND OTHER CHEMICAL CONTAMINANTS INTO RIVERS AND STREAMS.

10

HOW ARE WE DOING OUR PART IN PROTECTING THE COMMUNITY?

The MS4 permit obtained by the district is issued by TCEQ (Texas Commission on Environmental Quality) and it requires specific regulations be met – communicating this information to the public being one of them.

We track all pond work performed in the district, annually, and submit an annual report to TCEQ with details of what work was done and when.

We plan to host workshops and events that will invite the public to participate allowing for great learning opportunities and involvement.

We hold an annual meeting every year to present this presentation to the public to help keep the information flowing and it is always readily available on the districts website.

11

RULES ENFORCED BY THE BOARD REGARDING THE WATER, WASTEWATER, AND DRAINAGE SYSTEM

WTC MUD 1 Houses information regarding the protection of the drainage system in the district rules and regulations which can be found at the below link on the district website:

https://www.wtcmud1.org/static/623b15b2d68595cf35c58b89c162b3cb/rulesgoverningwaterwastewaterdrainageservices_bac56a544a.pdf

7.03 Protection of Drainage Systems.

1. The District's drainage systems, including all drainage easements, channels, storm sewer facilities, detention ponds and all other facilities owned, maintained or controlled by the District for the purpose of collecting, controlling, storing, managing or distributing storm and flood waters or run-off, must be protected from abuse, in order to assure the proper functioning of all such facilities for the benefit of all property owners and residents of the District.
2. No foreign materials or debris, including motor oil, grass, leaves or tree clippings, trash, construction debris or silt, may be placed, thrown, disposed of, deposited, discharged or allowed to migrate into the District's drainage systems. A violation of this rule will render the violator subject to fine as well as to the requirement that any resulting damage to the District's systems be repaired at the expense of the violator.

Page 21, Section 7.03
of the District's Rules Governing Water,
Wastewater, and Drainage Systems

12

6



EXPECTED BENEFITS OF OUR MS4

- DISTRICT WATER QUALITY – FOR ALL
- LESSER CHANCE OF HAVING FLASH FLOOD DAMAGE WITH PROPER WATER MITIGATION (PONDS, TRICKLE CHANNELS, DEPOSITING BODIES OF WATER, ETC.)
- DRINKING WATER QUALITY
- HUMAN HEALTH (AGAINST ILLNESS)
- COMMUNITY VALUE

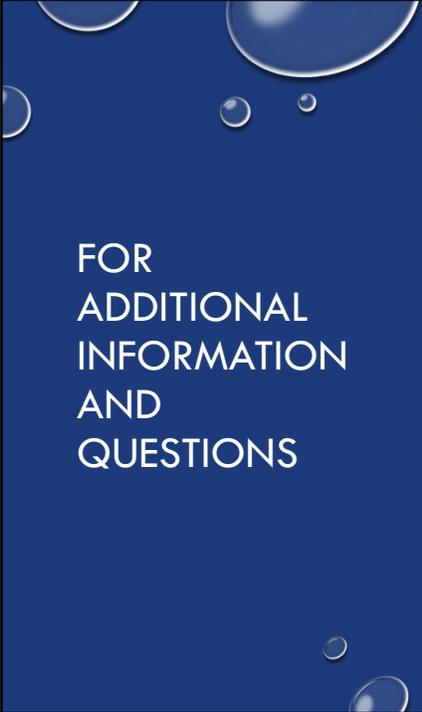
13

HOW CAN YOU GET INVOLVED?

Report all stormwater related issues to Inframark. Under the “Contact Us” drop down on the district webpage, you will find a link to email Inframark regarding “Illicit Discharge Reporting”

Relay the information you have heard her in this presentation to others in the community. This presentation can be found on the MS4 page of the district webpage.

14



FOR
ADDITIONAL
INFORMATION
AND
QUESTIONS

LOCATE ADDITIONAL INFORMATION HERE:

- [TCEQ MS4 INFORMATION](#)
- [EPA CLEAN WATER ACT INFORMATION.](#)
- [EPA MS4 INFORMATION](#)
- [WTC MUD 1 MS4 PAGE](#)

EMAIL INFRAMARK:

- CSAUS@INFRAMARK.COM