

OFFICE OF DEVELOPMENT SERVICES

May 6, 2022

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

Re: Phase II MS4 Annual Report Transmittal for City of DeSoto MS4
TPDES Permit Authorization: TXR040073

Dear Team Leader-

This letter serves to transmit the 2021 Annual Report of the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040073 for the City of DeSoto MS4.

The annual report is for Year 3. The reporting period beginning 01/01/2021 and ending 12/31/2021.

A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for 2022.

As required by the general permit, a copy of this submittal has also been mailed to the TCEQ's regional office in Dallas/Fort Worth, Texas.

If you have any questions, please contact us at (972) 230-9642 or email at jcrear@desototexas.gov.

Sincerely,

John R. Crear, Jr.
Graduate Engineer – Floodplain Administrator, City of DeSoto

cc:
File

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040073

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: 2022

Permit Year: 2021

Fiscal Year: 2022 Last day of fiscal year: (September 30, 2022)

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

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

MS4 Operator Level: 3 Name of MS4: City of DeSoto

Contact Name: John R. Crear, Jr. Telephone Number: (972) 230-9642

Mailing Address: 211 E. Pleasant Run Rd., DeSoto, TX 75115

E-mail Address: jcrear@desototexas.gov

A copy of the annual report was submitted to the TCEQ Region: YES X

NO Region the annual report was submitted to: TCEQ Region 4

B. Status of Compliance with the MS4 GP and SWMP

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

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		Permittee is continually working to further mitigate stormwater pollution prevention measures

Permittee is currently in compliance with recordkeeping and reporting requirements.	X	Permittee is keeping documentation of required information.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X	N/A, due to non-inclusive water body discharge segment.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X	In-association with a consultant in 2020, we have addressed the updated requirements for the 3 rd phase and will continue to do annual evaluations.

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

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1, 2 and 3	Public Education, Outreach, and Involvement	Yes, at least once a year in the newsletter educational information on reducing storm water pollutants provided. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current
1, 2 and 3	Public Education, Outreach, and Involvement	Yes, regularly maintained and updated. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
1, 2 and 3	Public Education, Outreach, and Involvement	Yes, a hotline number established to permit residents to report potential illegal activity. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current
1, 2 and 3	Public Education, Outreach, and Involvement	Yes, the city offers bulk trash pick-up services and other annual waste programs. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
2 and 3	Illicit Discharge Prohibition/ Elimination Ordinance	Yes, the city established an ordinance to fine violators. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
4	Storm Sewer System Map	The systems were logged in 2020 and the maintenance assessment will commence in 2022.
2 and 5	IDDE Training	Yes, provides training to city employees to recognize potentially illegal discharging situations. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.

5 and 6	IDDE Response, Investigation, and Inspections	Yes, established process of identifying illegal discharge system results in ending an illegal activity. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
5 and 6	Spill Response	Yes, in conjunction with the Fire Department the proper containment process is established. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
5 and 6	OSSF Procedures	Yes, educates employees on the process to handle issue with on-site sewage concerns when they arise. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Erosion Control Ordinance and Requirements for Construction Site Contractors	Yes, eliminates pollutants from construction sites into the storm sewer system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
7	Erosion Control Plan Review	Yes, attempts to eliminate any potential illegal site discharges into the storm sewer system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Construction Site Inspection and Enforcement	Yes, ensures construction sites comply with SWWP and City requirements to minimize pollutants in the storm sewer system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Engineering and Construction Staff Training	Yes, keeps employees informed of most current processes of identifying and containing illegal site discharge. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Construction Site Inventory	Yes, the inspector keeps daily logs of site activities. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Post-Construction Stormwater Ordinance	Yes, this ensures that the developer maintains the site throughout the construction process. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
7	Development Review	Yes, this process attempts to alleviate any potential site storm drainage concerns. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Structural Control Maintenance	Yes, Continue implementation of maintenance activities according to the developed procedures. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Inventory of Facilities and Stormwater Controls	Yes, logs all city facilities that contribute to the discharging into the stormwater system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
16	Employee Training	Yes, Conduct BMP training for the municipal employees responsible for activities that may impact stormwater quality. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
14	Disposal of Collected Waste	Yes, Properly dispose of waste materials according to the developed procedures. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Contractor Oversight Procedures	Yes, Continue implementation of written procedures to contractually require contractors to comply with the City's stormwater management program best management practices and to provide oversight of contractor activities. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.

12 and 13	Municipal Operations and Maintenance Activity	Yes, this will minimize or eliminate municipality facilities contributing pollutants to the storm sewer system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
5 and 16	Storm Sewer System Maintenance	Yes, Continue implementation of scheduled inspection and maintenance activities according to the written procedures. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
14 and 15	Roadway Pollution Prevention	Yes, Continue street sweeping program for City streets, and implement supplemental activities, as needed, according to the evaluation. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
12 and 13	Municipal Facility Procedures	Yes, ongoing evaluation of the effectiveness of the City's existing procedures for inspecting and maintaining municipal facilities. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.

3. Describe progress towards achieving the goal of reducing the discharge of pollutants to the MEP. If no progress was made or the BMP did not result in a reduction in pollutants, provide an explanation. Use the table below to meet this requirement (**see Example 2 in instructions**):

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1, 2 and 3	1.1 Public Education	Utility bill and newsletter including stormwater pollution prevention notice at least once a year.	16000	Brochures	No, although this BMP does not result in a direct reduction of pollutants, educating the citizens will eventually reduce litter, hence pollutants. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	3.3 Construction site inspection	Yes, ensures construction sites comply with SWWP and City requirements to minimize pollutants in the storm sewer system.	N/A	N/A	Yes, the ensuring of contractor compliance, without a measuring tool, ensures a reduction in pollutants into the stormwater system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
1, 2 and 3	Stormwater Reporting Line	Yes, a hotline number established to permit residents to report potential illegal activity.	N/A	N/A	Yes, the BMP is set up to allow residents to call in when and if any stormwater issues arise. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.

8, 9, 10 11 and 17	Construction Site Inventory	Yes, the inspector keeps daily logs of site activities.	N/A	N/A	Yes, the ensuring of contractor compliance, without a measuring tool, ensures a reduction in pollutants into the stormwater system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
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4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (**see Example 3 in instructions**):

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1, 2 and 3	Public Education, Outreach, and Involvement	Met Goal, mailed 16400 Brochures with stormwater prevention information in the December 2020 newsletter. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
1, 2 and 3	Public Education, Outreach, and Involvement	Met Goal, Continue to revise, update, and maintain the stormwater info. on the website, as needed. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
1, 2 and 3	Public Education, Outreach, and Involvement	Met Goal, Continue documenting each call and dispatching to appropriate department for proper response. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
1, 2 and 3	Public Education, Outreach, and Involvement	Met Goal, Continue offering waste cleanup activities (e.g., bulk waste cleanup, household hazardous waste collection, park cleanup). For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
1, 2 and 3	Illicit Discharge Prohibition/ Elimination Ordinance	Met Goal, Conduct a review of calls to identify trends (i.e., repeated reports of illegal dumping in certain areas of the City), general needs for reporting line improvement, and areas requiring additional educational or enforcement effort to protect stormwater quality, and update the written procedures accordingly. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
1, 2 and 3	Illicit Discharge Prohibition/ Elimination Ordinance	Met Goal, Continue enforcement of the illicit discharge ordinance. Conduct education activities, as needed, to inform the public about new ordinance requirements. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
1, 2 and 3	Illicit Discharge Prohibition/ Elimination Ordinance	Stormwater Outfalls logged and maintenance approach under evaluation. For phase 3 (2019) and ongoing to current.

2, 16 and 17	Illicit Discharge Prohibition/ Elimination Ordinance	Met Goal, Continue IDDE training according to written procedures. Ongoing process with city employees. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
2, 16 and 17	Illicit Discharge Prohibition/ Elimination Ordinance	Met Goal, Established process of identifying illegal discharge system results in ending an illegal activity. Ongoing process with city employees. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
2, 16 and 17	Illicit Discharge Prohibition/ Elimination Ordinance	Met Goal, In-conjunction with the Fire Department the proper containment process is established. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
2, 16 and 17	Illicit Discharge Prohibition/ Elimination Ordinance	Met Goal, Educates employees on the process to handle issue with on-site sewage concerns when they arise. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
2, 16 and 17	Illicit Discharge Prohibition/ Elimination Ordinance	Met Goal, Eliminates pollutants from construction sites into the storm sewer system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
2, 16 and 17	Illicit Discharge Prohibition/ Elimination Ordinance	Met Goal, Attempts to eliminate any potential illegal site discharges into the storm sewer system. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Met Goal, Continue implementing construction site inspection and enforcement procedures, including documentation of the inspections and enforcement activities. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Met Goal, Construction Inspectors keep daily logs of sites and evaluate them for SWWP compliance. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Met Goal, Continue evaluation of existing construction site inventory procedures. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.

8, 9, 10 11 and 17	Post-Construction Stormwater Management in New Development and Redevelopment	Met Goal, Continue enforcement of the post-construction stormwater ordinance. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Post-Construction Stormwater Management in New Development and Redevelopment	Met Goal, Continue the design review process. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Post-Construction Stormwater Management in New Development and Redevelopment	Met Goal, Continue implementation of maintenance activities according to the developed procedures. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Pollution Prevention and Good Housekeeping for Municipal Operations	Met Goal, Monitored and maintained City-owned and operated facilities having stormwater facilities. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Pollution Prevention and Good Housekeeping for Municipal Operations	Met Goal, Provided BMP training for the municipal employees responsible for activities that impact stormwater quality. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Pollution Prevention and Good Housekeeping for Municipal Operations	Met Goal, Properly dispose of waste materials according to the developed procedures. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Pollution Prevention and Good Housekeeping for Municipal Operations	Met Goal, Continue implementation of written procedures to contractually require contractors to comply with the City's stormwater management program best management practices and to provide oversight of contractor activities. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Pollution Prevention and Good Housekeeping for Municipal Operations	Continue developing written procedures, as needed, to perform assessments on municipal operation and maintenance activities and implementing pollution prevention measures that will reduce the discharge of pollutants into stormwater. Include visual inspection procedures and documentation procedures to confirm pollution prevention measures are functioning as intended. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.

8, 9, 10 11 and 17	Pollution Prevention and Good Housekeeping for Municipal Operations	Met Goal, Continue implementation of scheduled inspection and maintenance activities according to the written procedures. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Pollution Prevention and Good Housekeeping for Municipal Operations	Met Goal, Continue street sweeping program for City streets, and implement supplemental activities, as needed, according to the evaluation. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.
8, 9, 10 11 and 17	Pollution Prevention and Good Housekeeping for Municipal Operations	Ongoing evaluation and implementation process, of developing an approach to evaluate the effectiveness of the City's existing procedures for inspecting municipal facilities. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.

C. Stormwater Data Summary

Provide a summary of all information used, including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.? Yes, the street department crews daily conduct visual inspections to ensure inlets are not clogged from debris entering inlets on thoroughfares as well as within subdivisions. As noted above, the street sweeping program runs daily. Parks Department does daily trash pick-up to ensure debris does not get into inlets. (In association with the 2013 Phase 2, and 2019 Phase 3 permit requirements)

D. Impaired Waterbodies

1. Identify whether an impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d). List any newly-identified impaired waters below by including the name of the water body and the cause of impairment.

N/A

2. If applicable, explain below any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern.

N/A

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

N/A

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

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

5. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark:

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
N/A		

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

Description of bacteria-focused BMP	Comments/Discussion
N/A	N/A

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

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

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

Benchmark Indicator	Description/Comments
Increase in illegal dumping reporting	Added information to newsletter to report illegal dumping, keep track of reports. For both the end of phase 2 (2013) and phase 3 (2019) and ongoing to current.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Construct a paved road from a two lane to a four lane	The City is converting a 2 lane asphalt road to a four lane concrete paved road with curb and gutter – Pleasant Run Rd.
8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Construct a paved road from a two lane to a four lane	The City is converting a 2 lane asphalt road to a four lane concrete paved road with curb and gutter – Westmoreland Rd.
8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Construct a paved road from asphalt to concrete	The City is converting a 2 lane asphalt road to a four lane concrete paved road with curb and gutter – Chattey Rd.
8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Drainage project within creek to protect city infrastructure	The City is protecting a sanitary sewer pipe where topsoil is eroding - Cove Meadow. (Design complete in 2022)

8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Drainage project within creek to protect city infrastructure	The City is protecting a storm sewer outfall pipe where topsoil is eroding between two homes – Lake Groove Dr. (Design complete in 2022)
8, 9, 10 11 and 17	Construction Site Stormwater Runoff Control	Drainage project within creek to protect city infrastructure	The City is protecting a storm sewer outfall pipe as well as embankment failure within a designated drainage easement – Shoreline Dr. Drainage (Design to be completed in 2022)

F. SWMP Modifications

1. The SWMP and MCM implementation procedures are reviewed each year.

Yes No

2. Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ's review.

Yes No

If "Yes," report on changes made to measurable goals and BMPs:

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)

Note: If changes include additions or substitutions of BMPs, include a written analysis explaining why the original BMP is ineffective or not feasible, and why the replacement BMP is expected to achieve the goals of the original BMP.

3. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land, etc.). The current BMP's were consolidated from 26 down to 17.

G. Additional BMPs for TMDLs and I-Plans

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

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

H. Additional Information

1. Is the permittee relying on another entity to satisfy any permit obligations?

Yes No

If "Yes," provide the name(s) of other entities and an explanation of their responsibilities (add more spaces or pages if needed).

Name and Explanation:

Name and Explanation:

Name and Explanation:

Name and Explanation:

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

Yes No

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

Yes No

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

Authorization Number: _____

Permittee: _____

Authorization Number: _____

Permittee: _____

Authorization Number: _____

Permittee: _____

Authorization Number: _____

Permittee: _____

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Large and Small Site Notices submitted by construction site operators):

10

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

Yes No

2b. If "yes," then provide the following information for this permit year:

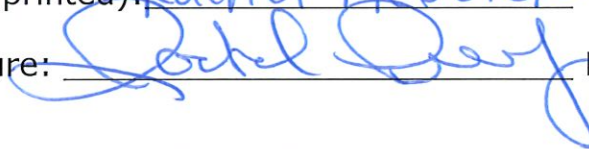
The number of municipal construction activities authorized under this general permit	

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

J. Certification

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

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

Name (printed): Rachel Proctor Title: Mayor
Signature:  Date: 5/03/22

Name of MS4 City of DeSoto

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 City of DeSoto

Name (printed): _____ Title: _____

Signature: _____ Date: _____

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

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