# CAMERON COUNTY DRAINAGE DISTRICT No. THREE



### Sonia Lambert - General Manager

April 19, 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 Cameron County Drainage District #3 TPDES Authorization: TXR040276

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 TXR040276 for the Cameron County Drainage District #3.

The annual report is for Year 4. The reporting period's beginning 1/24/2021 and ending 1/23/2022.

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 15 in <u>Harlingen</u>, Texas.

Sincerely,

Sonia Lambert General Manager

26041 FM 510 San Benito, Texas 78586 Board of Directors Ronnie Garcia-President Mathew McCarthy-Director

# Phase II (Small) MS4 Annual Report Form

### **TPDES General Permit Number TXR040000**

### A. General Information

Authorization Number: TXR040276			
Reporting Year (year will be either 1, 2, 3, 4, or 5):4			
Annual Reporting Year Option Selected by MS4:			
Calendar Year:			
Permit Year:X			
Fiscal Year: Last day of fiscal year: ()			
Reporting period beginning date: (month/date/year) _1/24/2022			
Reporting period end date: (month/date/year) _1/23/2023			
MS4 Operator Level: <u>2</u> Name of MS4: <u>Cameron County Drainage District #3</u>			
Contact Name: _Sonia LambertTelephone Number:956-399-7637			
Mailing Address: _P.O. Box 937, San Benito, TX 78586			
E-mail Address: _slambert@ccid2.org			
A copy of the annual report was submitted to the TCEO Region: YES X			

NO\_\_\_\_Region the annual report was submitted to: TCEQ Region \_\_15\_\_\_\_\_

### **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		SWMP not yet approved, but CCDD#3 is in compliance.
Permittee is currently in compliance with recordkeeping and reporting requirements.			With submittal of this report, CCDD#3 is in compliance

Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X	CCDD#3 meets the eligibility requirements	S
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X	Annual review of SWM conducted with preparation of report	[P

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)	ВМР	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
		See attachment B. Narrative Provisions, 2 – BMP Assessment

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**):

мсм	ВМР	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
					See attachment B. Narrative Provisions, 3 - Pollutant Reduction

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

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
		See attachment B. Narrative Provisions, 4 - Goals

# **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.?

Cameron County Drainage District #3 conducts visual and odor observations in the course of maintaining the drainage ditches and associated stormwater structures. The only pollutant found during the report period has been illegal dumping. Illegal dumping is an overwhelming issue in the region. CCDD#3 reports illegal dumping to Cameron County for investigation, enforcement, and removal. As a non-traditional small MS4, a drainage district lacks the authority to pass ordinances or to enforce laws. Not all dumping can be investigated and cleaned up by the County. Not all dumping includes evidence of responsible party. Locations that are cleaned often have new dumping the next day. We continue to work with the County and others to reduce the problem.

During the reporting period, citizens reported illegal dumping. The District advises the Constable's office, the San Benito Police Department, or other law enforcement agency with jurisdiction over the reported site. The District follows up on the final resolution of cases.

# **D.Impaired Waterbodies**

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

No impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality.

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 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.

Cameron County Drainage District #3 discharges into the Arroyo Colorado and the Rio Grande River, both of which are listed as impaired for bacteria and depressed dissolved oxygen. All activities and BMPs undertaken by CCDD#3 in these drainages address discharge into impaired waterbodies. As a non-traditional MS4, the District has assessed its facilities and operations and has determined that CCDD#3 is not a likely source of bacteria or a cause of depressed dissolved oxygen. We continue to train personnel and work to identify and eliminate illicit discharges from septic systems, gray water lines, and sanitary sewer leaks, but none have been found.

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

Cameron County Drainage District #3 discharges into the Arroyo Colorado Above Tidal Segment, which is subject to an approved TMDL for Legacy Pollutants. The use of these substances is banned in the United States. CCDD#3 relies on monitoring efforts by TCEQ for these substances.

Benchmark Parameter (Ex: Total Suspended Solids)	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
DDE in edible tissue	0, banned	CCDD#3 relies on TCEQ monitoring of this parameter	Years 1, 2, 3, & 4

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

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
DDE in edible tissue	Rely on TCEQ monitoring	Substance is banned, report to TCEQ

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

Description of bacteria-focused BMP	Comments/Discussion
All BMPs in every MCM	Although there is no TMDL addressing bacteria, all BMPs in the CCDD#3 SWMP are ultimately in place to address the bacteria impairment in the Arroyo Colorado and the Rio Grande River.
Bacteria control – Septic system and/or gray water discharge detection and elimination	No discharge detected.
Bacteria control – Sanitary sewer leak detection and elimination	No discharge detected.

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
Number of illegal dumpings	Despite our efforts, partnerships with local cities, Cameron County, and regional efforts including the tire clean-ups by the Lower Rio Grande Development Council, illegal dumping is an epic problem. Enforcement can be very slow in cleaning up large dump sites. Smaller sites are cleared during regular ditch maintenance. While the number of dumpings continues to rise, so do the efforts of partnerships throughout the region.
Collaboration in the Arroyo Colorado Watershed Partnership for public education and involvement and to implement the Update to the Arroyo Colorado WPP	CCDD#3 is supporting a coastal water quality implementation project by the Arroyo Colorado Watershed Partnership (ACWP) and the City of San Benito to reduce pollutants entering the Arroyo Colorado through a CCDD#3 outfall. Through four GLO Coastal Management Program Grants, the city is restoring function to the old sewage treatment and settling ponds using water from the new WWTP. WWTP water and stormwater is held for wildlife and habitat purposes as opposed to carrying pollutants to the Arroyo Colorado. The project is also a site for volunteer tree planting activities and education. The ACWP and the City have initiated monthly bird counts at the San Benito Wetlands and includes information on stormwater quality and Arroyo Colorado protection.

Educational outreach, including bumper stickers, storm drain stencils, and collaboration with and support of the Arroyo Colorado Watershed Partnership.	The public is becoming more aware of illegal dumping, the importance of clean drainages, and the health and environmental hazards of poor water quality. With recent flood events, especially those in 2018 and 2019, the public is becoming more involved in flood prevention and stormwater quality issues.
Staff trainings and inspections for illicit discharges and other potential contributors to bacteria, maintenance of structural controls, and good housekeeping.	CCDD#3 holds quarterly staff that meetings include stormwater quality training on detection, investigation, and elimination of pollutants, compliance with stormwater control measures, pollution prevention, and good housekeeping. Crews inspect and clean ditches, catch basins, and outfalls on a daily basis, perform visual and odor inspections to detect illicit discharge on 100% of the drainage system annually, and maintain structural controls.

# **E. Stormwater Activities**

Describe activities planned for the next reporting year:

MCM(s)	ВМР	Stormwater Activity	Description/Comments
			See attachment E

# **F. SWMP Modifications**

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

\_\_\_X\_\_Yes\_\_\_\_No

 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 X 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.).

NA

# 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.

ВМР	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
None			

# **H. Additional Information**

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

\_X\_\_ Yes \_\_\_ No

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

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Yes. As a non-traditional small MS4, CCDD#3 has no authority to enact or enforce ordinances. As a small district, CCDD#3 relies on strong partnerships to achieve common goals.

Name and Explanation: Cameron County, investigation, enforcement, and removal of illegally dumped materials.

Name and Explanation: City of San Benito, investigation, enforcement, and removal of illegally dumped materials

Name and Explanation: Arroyo Colorado Watershed Partnership, education, outreach, and public involvement

Name and Explanation:

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

\_\_\_\_ Yes \_X\_\_ 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):

\_\_\_\_15\_\_\_\_\_

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

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\_X\_\_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	0
The total number of acres disturbed for municipal construction projects	0

**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):Sonia Lambert	Title:General Manager
Name (printed):Sonia Lambert/ Signature:	Date:
Name of MS4Cameron County Draina	ge District #3
Name (printed):	Title:
Signature:	Date:
Name of MS4	
Name (printed):	Title:
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Signature:	_ Date:
Name of MS4	
Name (printed):	Title:
Signature:	Date:
Name of MS4	
Name (printed):	Title:
Signature:	Date:
Name of MS4	

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

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

### Cameron County Drainage District #3

### B. Narrative Provisions, 2 - BMP Assessment

Year 4

#### MCM(s) BMP

MCM 1 - Public Education & Outreach

BMP is appropriate for reducing the discharge of pollutants in stormwater (Y/N). Explain.

Public Education & Outreach	
Website development	Yes. Communicates with the public, involve public in solutions, and encourage pollution prevention and reporting. The District's website became operational on April 14, 2020. Please
	visit us at www.CCDD3.org.
Publish public information on website	Yes. Communicates with the public, involves public in solutions, and encourages pollution prevention and reporting. The District's SWMP, NOI, annual reports, plat review checklist, and other information are published on the website.
Storm drain stenciling	Yes. Communicates with the public, involves public in solutions, and encourages pollution prevention and reporting. 100% of 7 stencils inspected, in areas accessible by the public.
Bumper stickers	Yes. Communicates with the public, involves public in solutions, and encourages pollution prevention and reporting. 100% of existing bumper stickers were inspected and stickers were attached to all other equipment. No new vehicles were purchased.
Distribute educational materials	Yes. Communicate with the public and involve public in solutions. Encourages pollution prevention and reporting. Distributed ACWP and TCEQ information.
Distribute educational materials to applicants to the District for a Subdivision Plat Review	Yes. Communicates with target audience to encourage pollution prevention. Fifteen plat reviews were performed and each applicant received educational materials and was directed to the TCEQ Construction Stormwater website.
Support and collaborate with the ACWP and ACC - education	Yes. Involves public in solution. Encourages pollution prevention and reporting. The District supported ACWP and ACC and an ACWP project at the San Benito Wetlands which drain into a CCDD#3 ditch.
Public notices	Yes. Involves public in solution. Encourages pollution prevention and reporting. The District followed state regulations for public meeting notices to encourage public comments at Board meetings.
Distribute community involvement event information	Yes. Involves public in solution. Encourages pollution prevention and reporting. The District provides links to community websites.
Public comments to Board	Yes. Involves public in solution. Encourages pollution prevention and reporting. A public comment section was included in every regular agenda. The District followed state regulations for public meeting notices to encourage public comments at Board meetings, however, no MS4 comments were received.

#### MCM 2 - Illicit Discharge Detection and Elimination (IDDE)

	Yes. Communicates with the public, involves public in
Storm drain stenciling	solutions, and encourages pollution prevention and reporting.
	100% of 7 stencils inspected, in areas accessible by the public.
	Yes. Communicates with the public, involves public in
	solutions, and encourages pollution prevention and reporting.
Bumper stickers	100% of existing bumper stickers were inspected and stickers
	were attached to all other equipment. No new vehicles were
	purchased.
	Yes. Ensures proper tracking and maintenance of MS4. The
	Distirict updated maps of drainages, outfalls, controls, illegal
GIS mapping updates and improvements	dumping, signs, and other information as activities were
	accomplished.

	Yes. Ensures proper tracking and maintenance of MS4.			
Train MS4 field personnel to identify and track illicit discharges	Quarterly trainings at staff meetings.			
	Yes. Involves public in solution. Encourages pollution			
Facilitate while reporting	prevention and reporting. The District provides and advertises			
Facilitate public reporting	reporting hotline.			
	Yes. Informs and engages the public. These records are			
Provide public access to SWMP and other MS4 records	available at the District office and on our website.			
	Yes. Effective in detecting pollutant discharge. 100% of outfalls			
Outfall inspection and screening	are inspected each year as a part of regular drainage			
	maintenance.			
Procedures for illicit discharge & spill response	Yes. Ensures proper tracking and maintenance of MS4. The			
	District follows its procedures.			
	Yes. Effective in the process of eliminating pollutant discharge.			
Source investigation and elimination - Prioritize investigation of discharges	The District prioritizes each report for investigation and			
	elimination.			
Source investigation and elimination - Report immediate threats to TCEQ	Yes. Important to public health and safety. No immediate			
immediately	threats were reported.			
	Yes. Effective in the preventing pollutant discharge. As a non-			
Source investigation and elimination - Exert enforcement authority when	traditional small Phase II MS4, the District has control over its			
District has operational control	own facilities, actions, and staff. No internal enforcement was			
	required during the reporting period.			
Source investigation and elimination - Perform inspections and exert	Yes. Effective in detecting pollutant discharge. Inspections are			
enforcement authority to the MEP	performed as part of regular maintenance on 100% of the MS4			
	drainages and outfalls.			
	Yes. Effective in the process of eliminating pollutant discharge.			
Source investigation and elimination - Enter into interlocal agreements for	Informal agreements and partnerships have worked in the past			
inspections and enforcement	for inspections and enforcement. Formal interlocal agreements			
inspections and enforcement	are being reconsidered and an NOC will be submitted once the			
	SWMP has been approved.			
Source investigation and elimination - Report illicit discharges to	Yes. Reporting leads to the effective process of eliminating			
appropriate entity	pollutant discharge. The District reports illicit discharges to			
	Cameron County law enforcement.			
	Yes. Tracking and documenting leads to the effective process			
Source investigation and elimination - Track and document investigations	of eliminating pollutant discharge and discouraging future			
	discharges. Reports are documented and tracked.			
	Yes. Notifications and follow-ups are effective in the process of			
Source investigation and elimination - Notify parties responsible for illicit	eliminating pollutant discharge and discouraging future			
discharges and perform follow-up inspections	discharge. Notifications and follow-up inspections are made by			
	law enforcement and the District.			
	Yes. Physical barriers are effective in the process of eliminating			
Source investigation and elimination - Install cable gates	future pollutant discharge. The District has a total of thirty-six			
	cable gates (2 added in permit year 4) protecting areas of high			
	illegal dumping activity. The District also added one sign.			
	Yes. Removal and proper disposal eliminates pollutant			
Source investigation and elimination - Remove and properly dispose of	discharge. The District removed and properly disposed of			
illegally dumped materials	illegally dumped tires as part of regular maintenance of the			
	MS4 drainages, controls, and outfalls.			
	Yes. Effective in the process of eliminating pollutant discharge.			
Bacteria control - Septic system and/or gray water discharge detection and	No septic system and or graywater discharge was detected in			
elimination	the reporting period.			
Bacteria control - Sanitary sewer leak detection and elimination	Yes. Effective in the process of eliminating pollutant discharge.			
Batteria control - Sanitary Sewer leak detection and emmination	No sanitary sewer leaks were detected in the reporting period.			
	Yes. There is a TMDL for the Arroyo Colorado regarding Legacy			
Address Legacy Pollutants	Pollutants. TCEQ monitors for these banned pollutants and will			
Address Legacy Pollutants	notify the District if they are found.			
	ווסנווץ נווב טוצנווכנ וו נוובץ מוב וסטווט.			

MCM 3 - Construction Site Stormwater Runoff Control

	Yes. Effective in the process of eliminating pollutant discharge.		
	Informal agreements and partnerships have worked in the past		
Interlocal agreements	for inspections and enforcement. Formal interlocal agreements		
	are being reconsidered and an NOC will be submitted once the		
	SWMP has been approved.		
	Yes. Effective in preventing pollutant discharge, but CCDD#3		
Ensure permit compliance	had no construction projects during the reporting period.		
Cite inspections	Yes. Effective in preventing pollutant discharge, but CCDD#3		
Site inspections	had no construction projects during the reporting period.		
	Yes. Effective in preventing pollutant discharge by		
	communicating with plat review applicants. CCDD#3 reviews		
	plat review procedures for any necessary updates. No updates		
Update plat review procedures	were necessary during the reporting period. Fifteen applicants		
	received information on plat review proceedures and		
	stormwater quality.		
	Yes. Involves public in solution. Encourages pollution		
Dublis seconding	prevention and reporting. The District received no construction		
Public reporting	site stormwater runoff control reports from the public during		
	the reporting period.		
	Yes. Ensures proper tracking and maintenance of MS4.		
MS4 personnel training	Quarterly trainings at staff meetings.		

#### MCM 4 - Post-Construction Stormwater Management in New Development and Redevelopment

	Yes. Effective in the process of eliminating pollutant discharge. Informal agreements and partnerships have worked in the past			
Interlocal agreements	for inspections and enforcement. Formal interlocal agreements			
	are being reconsidered and an NOC will be submitted once the			
	SWMP has been approved.			
	Yes. Effective in preventing pollutant discharge, but CCDD#3			
Ensure permit compliance	had no development or redevelopment sites during the			
	reporting period.			
Maintenance of structural stormwater control measures	Yes. Effective in preventing pollutant discharge. The District maintains 100% of its structural stormwater control measures each year during regular maintenance of MS4 drainages.			
Document and maintain records of enforcement actions	Yes. Effective in understanding past violations to prevent future violations. Records are kept at the CCDD#3 office. No internal enforcement was required during the reporting period.			

### MCM 5 - Pollution Prevention and Good Housekeeping for Municipal Operations

	Yes. Ensures proper tracking and maintenance of MS4. With a
terrentere for the second controls	dedicated GIS specialist, CCDD#3 maintains a detailed map and
Inventory facilities and controls	inventory of all facilites and controls, along with other mapping
	information.
	Yes. Effective in detecting and removing pollutant discharge.
Inspect and maintain drainages	100% of drainages are inspected and maintained each year as
	part of regular maintenance.
	Yes. Effective in detecting and removing pollutant discharge.
Clean District catch basins	100% of catch basins are inspected and maintained each year
	as part of regular maintenance.
	Yes. Effective in preventing future pollutant discharge. Reports
	of illegal dumping are reported to Cameron County law
Investigation	enforcement. Additional illegally dumped materials are
	inspected by District employees and removed for proper
	disposal.
	Yes. Eliminates pollutants and prevents future pollutant
Illegal dumping disposal	discharge. The District removed and properly disposed of
	illegally dumped tires during the reporting period.

	Yes. Effective in preventing pollutant discharge. Two additional				
	cable gates were installed during the reporting period for a				
Physical barriers to illegal dumping	total of thirty-six cable gates protecting areas of high illegal				
	dumping. The District also added one sign.				
	Yes. Effective in preventing pollutant discharge. No				
Contractor compliance with stormwater control measures	construction, development, or redevelopment contractors				
	were hired during the reporting period.				
	Yes. Effective in preventing pollutant discharge. Operations are				
Operations assessment for potential discharge and prevention	reviewed annually or more often as needed. No changes have				
	been made during the reporting period.				
	Yes. Prevents chemical runoff. The District is not currently				
Proper use of herbicides and pesticides	using herbicides or pesticides.				
	Yes. Effective in preventing pollutant discharge. The District's				
	parking lot was resurfaced three years ago and drains into				
Parking lot maintenance	vegetated strips. The parking lot is maintained on a regular				
	basis, trash is removed as it is found, and staff properly				
	disposed of all waste.				
	Yes. Prevents leaks to prevent pollutant discharge. District				
Vehicle maintenance	vehicles are maintained on a regular schedule.				
	Yes. Effective in preventing pollutant discharge. The District				
Disposal of waste material	continues to properly dispose of waste materials.				
	Yes. Removes potential pollutants from waste stream. The				
	District recycles used oil, oil filters, metals, and office paper.				
Recycling program	During the reporting period, 180 pounds of office paper, 255				
	gallons of used motor oil, and used oil filters were recycled.				
Check for fuel leaks	Yes. Prevents leaks to prevent pollutant discharge. District staff				
	checks for fuel leaks as part of regular facilities maintenance.				
	Yes. Ensures the use of BMPs to protect all impaired surface				
Check 303(d) list	waters. The list was reviewed and no new impairments have				
	been listed in our area.				
	Yes. Ensures the use of effective BMPs. The SWMP was				
Review and update SWMP	reviewed during the development of this annual report. No				
	updates are required.				
	Yes. Effective in preventing pollutant discharge. 100% of				
Maintain structural controls	structural controls are inspected and maintained as part of				
	regular, annual MS4 drainage maintenance.				
	Yes. Ensures proper tracking and maintenance of MS4.				
MS4 personnel training	Quarterly trainings at staff meetings.				

#### MCM 6 - Industrial Stormwater Sources

Not applicable to Level 2 MS4 Operators	N/A

### MCM 7 - Authorization for Construction Activities where the Small MS4 is the Site Operator

	Yes. Effective in preventing pollutant discharge from District
Develop a SWP3	construction sites. No construction this reporting period.
Compliance with TCEO regulations	Yes. Effective in preventing pollutant discharge from District
	construction sites. No construction this reporting period.
	Yes. Effective in preventing pollutant discharge from District
Maintain oversight and control	construction sites. No construction this reporting period.
	Yes. Effective in preventing pollutant discharge from District
Inspect construction sites	construction sites. No construction this reporting period.

ALL

Record keeping	Yes. Ensures proper tracking and maintenance of MS4. All records are kept at the CCDD#3 office.
Annual reporting	Yes. Ensures proper tracking and maintenance of MS4. This report is for Year 4 of the current MS4 permit. A copy will be available at the CCDD#3 office and online at the District's website.

### Cameron County Drainage District #3

### B. Narrative Provisions, 3 - Pollutant Reduction

Year 4

	Information			Does BMP demonstrate a direct reduction in
BMP	Used	Quantity	Units	pollutants? (Answer Yes or No and explain)
1 - Public Education & Outreach				
				No. Though this BMP does not result in a direct
Website development				reduction of pollutants, educating and involving citize
	website	1	website	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
Publish public information on website				reduction of pollutants, educating and involving citize
	website	1	website	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
Storm drain stenciling				reduction of pollutants, educating and involving citize
	storm drains	7	inspections	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
Bumper stickers				reduction of pollutants, educating and involving citize
	vehicles	32	inspections	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
Distribute educational materials	brochures &		brochures &	reduction of pollutants, educating and involving citiz
	newsletters	200	newsletter	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
Distribute educational materials to applicants				reduction of pollutants, educating subdivision plat
to the District for a Subdivision Plat Review				review applicants (owners, operators, etc.) will
	materials	15	Plat reviews	eventually result in pollution reduction.
Support and calleborate with the ACM/D and				No. Though this BMP does not result in a direct
Support and collaborate with the ACWP and ACC - education	ACWP & ACC		educational	reduction of pollutants, educating and involving citiz
ACC - Education	information	37	presentations	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
Public notices	state			reduction of pollutants, educating and involving citiz
	requirements	12	notices	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
Distribute community involvement event information	community		community	reduction of pollutants, educating and involving citiz
Information	information	14	events	will eventually result in pollution reduction.
	meeting			No. Though this BMP does not result in a direct
Public comments to Board	agendas &			reduction of pollutants, educating and involving citiz
	minutes	12	comments	will eventually result in pollution reduction.

#### MCM 2 - Illicit Discharge Detection and Elimination (IDDE)

5 1				
				No. Though this BMP does not result in a direct
Storm drain stenciling				reduction of pollutants, educating and involving citizens
	storm drains	7	inspections	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
Bumper stickers				reduction of pollutants, educating and involving citizens
	vehicles	32	inspections	will eventually result in pollution reduction.
				No. Though this BMP does not result in a direct
GIS mapping updates and improvements				reduction of pollutants, mapping assists in tracking
	map	1	GIS map	discharges and areas of potential detection.
				No. Though this BMP does not result in a direct
Train MS4 field personnel to identify and track				reduction of pollutants, knowledgeable staff are
illicit discharges	staff	4	trainings	effective in detecting and eliminating discharges.
Facilitate public reporting	public			Yes. When illicit discharges are reported, investigation
Facilitate public reporting	outreach	60	reports	and elimination follows.
Provide public access to SWMP and other MS4				No. Though this BMP does not result in a direct
records				reduction of pollutants, an informed public is more likely
Tecolus	availability	1	access	to report illicit discharges.
Outfall inspection and screening				Yes. By inspecting outfalls, we can evaluate if illicit
Outrail hispection and screening	outfalls	23	inspections	discharges are occuring.
				No. Though this BMP does not result in a direct
Procedures for illicit discharge & spill response				reduction of pollutants, it describes the response for
	procedures	1	response	investigation and elimination.

				No. Though this BMP does not result in a direct
Source investigation and elimination -				reduction of pollutants, it determines the severity and
Prioritize investigation of discharges	reports	60	investigations	response to each report.
			, , , , , , , , , , , , , , , , , , ,	No. Though this BMP does not result in a direct
Source investigation and elimination - Report				reduction of pollutants, it assists in eliminating
immediate threats to TCEQ immediately	reports	0	investigations	immediate threats.
Source investigation and elimination - Exert				
enforcement authority when District has				Yes. Through enforcement when the District has
operational control	sites	0	investigations	authority, we can prevent discharge and erosion.
Source investigation and elimination - Perform				
inspections and exert enforcement authority				Yes. Through enforcement when the District has
to the MEP	sites	0	investigations	authority, we can prevent discharge and erosion.
				Yes. Through enforcement by those with authority
Source investigation and elimination - Enter	MS4s with			when the District has none, we can prevent discharge
into interlocal agreements for inspections and	enforcement			and erosion. Formal interlocal agreements are being
enforcement	authority			reconsidered and an NOC will be submitted once the
	within District	3	agreements	SWMP has been approved.
			-	Yes. When the illicit discharges are detected, immediate
Source investigation and elimination - Report				action can be taken to remove the pollutant and track
illicit discharges to appropriate entity	reports	60	investigations	the source.
				Yes. When the illicit discharges are detected, immediate
Source investigation and elimination - Track				action can be taken to remove the pollutant and track
and document investigations	reports	60	investigations	the source.
Source investigation and elimination - Notify				Yes. When the illicit discharges are detected, immediate
parties responsible for illicit discharges and				action can be taken to remove the pollutant and track
perform follow-up inspections	reports	60	investigations	the source.
Source investigation and elimination - Install	illegal dump			Yes. Less new illegally dumped material likely in
cable gates	sites	36	gates	locations with more difficult access.
Source investigation and elimination - Remove				Yes. The District relies on our partnership with Cameron
and properly dispose of illegally dumped				County to remove illegally dumped materials. Illegally
materials				dumped materials are also removed and properly
Indendis	illegal dump			disposed of during regular ditch and catch basin
	sites	11.46	tons	maintenance. New dumping is less likely at clean sites.
Bacteria control - Septic system and/or gray	septic system			Yes. When the illicit discharges are detected, immediate
water discharge detection and elimination	& gray water			action can be taken to remove the pollutant and track
	discharges	0	incidents	the source.
Bacteria control - Sanitary sewer leak				Yes. When the illicit discharges are detected, immediate
detection and elimination	sanitary			action can be taken to remove the pollutant and track
	sewer leaks	0	incidents	the source.
				Yes. If TCEQ monitoring identifies a Legacy Pollutant,
Address Legacy Pollutants	reports from		Legacy	immediate action can be taken to remove the pollutant
	TCEQ	0	Pollutants	and track the source.

#### MCM 3 - Construction Site Stormwater Runoff Control

				Yes. Through enforcement by those with authority
	MS4s with			when the District has none, we can prevent discharge
Interlocal agreements	enforcement			and erosion. Formal interlocal agreements are being
	authority			reconsidered and an NOC will be submitted once the
	within District	3	agreements	SWMP has been approved.
Ensure permit compliance	construction			Yes, however, there were no District construction
	activity	0	site	projects during reporting period.
Site increations	construction			Yes, however, there were no District construction
Site inspections	activity	0	site	projects during reporting period.
				No. Though this BMP does not result in a direct
Update plat review procedures	plat review		review &	reduction of pollutants, updated review processes
	procedures	1	update	ensure that all TCEQ regulations are met by applicants.
Dublic reporting	public			Yes. When illicit discharges are reported, investigation
Public reporting	outreach	60	reports	and elimination follows.
				No. Though this BMP does not result in a direct
MS4 personnel training				reduction of pollutants, knowledgeable staff are
	staff	4	trainings	effective in detecting and eliminating discharges.

#### MCM 4 - Post-Construction Stormwater Management in New Development and Redevelopment

				Yes. Through enforcement by those with authority
Interlocal agreements	MS4s with			when the District has none, we can prevent discharge
	enforcement			and erosion. Formal interlocal agreements are being
	authority			reconsidered and an NOC will be submitted once the
	within District	3	agreements	SWMP has been approved.
Encure normit compliance	development			Yes, however, there were no District development or
Ensure permit compliance	activity	0	site	redevelopment projects during reporting period.
Maintenance of structural stormwater control	structural			
measures	controls	100%	maintenance	Yes. Prevents pollutant discharges from entering MS4.
Document and maintain records of				No. Though this BMP does not result in a direct
enforcement actions				reduction of pollutants, recordkeeping of enforcement
		100%	records	actions can help prevent future pollutant discharges.

#### MCM <u>5</u> - Pollution Prevention and Good Housekeeping for Municipal Operations

15-Fondion Frevention and Good Housekeep				
Inventory facilities and controls	map	1	GIS map	No. Though this BMP does not result in a direct reduction of pollutants, inventories and mapping assists in tracking discharges and areas of potential detection.
Inspect and maintain drainages	maintenance	100%	drainages	Yes. During the maintenance of drainages, staff inspects for pollutant discharges, removes illegally dumped materials, and reports illegal dumping for investigation and removal by partners.
Clean District catch basins	maintenance	100%	catch basins	Yes. During the maintenance of catch basins, staff inspects for pollutant discharges, removes illegally dumped materials, and reports illegal dumping for investigation and removal by partners.
Investigation	Illegal dumping	100%	illegal dump site reports	Yes. During regular maintenance of the drainage system, staff inspects for pollutant discharges, removes illegally dumped materials, and reports illegal dumping for investigation and removal by partners.
Illegal dumping disposal	Illegal dumping	0	illegal dump sites	Yes. During regular maintenance of the drainage system, staff inspects for pollutant discharges, removes illegally dumped materials, and reports illegal dumping for investigation and removal by partners.
Physical barriers to illegal dumping	new cable gates	2	installations	Yes. Less illegal dumping takes place in locations with more difficult access.
Contractor compliance with stormwater control measures	contractor compliance	100%	contracts	Yes. CCDD#3 has operational control over contractors and requires compliance with stormwater control measures, good housekeeping practices, and operating procedures and BMPs to reduce pollutant discharge
Operations assessment for potential discharge and prevention	operations activities	100%	Assessments	Yes. By assessing District operations and, if needed, developing and implementing additional measures, we ensure that proper BMPs are in place to reduce pollutant discharge.
Proper use of herbicides and pesticides	herbicide and pesticide use	0	applications	Yes. Proper use reduces stormwater runoff of chemicals.
Parking lot maintenance	parking lot	1	inspections	Yes. Parking lot inspection, trash removal, and BMP maintenance is effective in preventing pollutant discharge.
Vehicle maintenance	vehicles	32	maintenance	
Disposal of waste material	waste disposal receipts	0	tons	Yes. Proper disposal of waste materials prevents illicit discharge of the materials and removes them from the waste stream.
Recycling program	recycling program receipts	180 255	pounds paper gallons oil, used filters	Yes. Pollution is prevented when used oil, oil filters, metals, and office paper are removed from the waste stream through recycling.

Charly for final looks				Yes. Proper facilities maintenance reduces the chance
Check for fuel leaks	facilities	1	inspections	of leaks and discharges.
				No. Though this BMP does not result in a direct
				reduction of pollutants, it ensures that all impairments
Check 303(d) list				are considered in BMP evaluation and SWMP updates to
				result in a reduction in pollutants of concern in any
	303(d) list	1	review	impaired water body.
				No. Though this BMP does not result in a direct
Review and update SWMP				reduction of pollutants, it ensures that all impairments
				are considered in BMP evaluation and SWMP updates to
				result in a reduction in pollutants of concern in any
	SWMP	1	review	impaired water body.
	structural			
Maintain structural controls	controls	100%	maintenance	Yes. Prevents pollutant discharges from entering MS4.
				No. Though this BMP does not result in a direct
MS4 personnel training				reduction of pollutants, knowledgeable staff are
	staff	4	trainings	effective in detecting and eliminating discharges.

#### MCM 6 - Industrial Stormwater Sources

Not applicable to Level 2 MS4 Operators

#### MCM 7 - Authorization for Construction Activities where the Small MS4 is the Site Operator

	construction			Yes, however, there were no District construction
Develop a SWP3	activity	0	site	projects during reporting period.
	construction			Yes, however, there were no District construction
Compliance with TCEQ regulations	activity	0	site	projects during reporting period.
	construction			Yes, however, there were no District construction
Maintain oversight and control	activity	0	site	projects during reporting period.
Inspect construction sites	construction			Yes, however, there were no District construction
	activity	0	site	projects during reporting period.

ALL	Record keeping	activities	100%	records	Yes. Ensures proper tracking and maintenance of MS4.
	Annual reporting	activities	1	report	Yes. Ensures proper tracking and maintenance of MS4.

### Cameron County Drainage District #3

#### B. Narrative Provisions, 4 - Goals

#### Year 4

#### Success

+	
Measurable Goal	Success
1 - Public Education & Outreach	
Develop a District website and publish this	
SWMP, annual reports, any other required	
materials, District contact information, and	Goal met. Website was developed during 2019 and became operational online on April 14,
links to other relevant sites	2020. Please visit us at www.CCDD3.org.
Publish this SWMP, annual reports, any other	Goal met. Website was developed during 2019 and became operational online on April 14,
required materials, District contact	2020. The SWMP, annual reports, District information, and links to relevant sites (including
information, and links to other relevant sites	the TECQ Stormwater Construction Permit and the ACWP) are included.
	Goal met. 100% of existing stencils were inspected, and were re-painted. Stencils are located
Inspect existing stencils and add new stencils	in areas accessible to the public. No new outfalls were added so no new stencils were
to new outfalls	needed.
Inspect existing bumper stickers, replace	Goal met. 100% of existing bumper stickers were inspected and were replaced as needed.
annually, and add stickers on 100% of new	Bumper stickers were attached to all other equipment, including mowers and heavy
equipment	equipment. No new vehicles were added to the fleet.
equipment	
Order 200 ACWP newsletters and 200	Goal met. Over 726 attendees participated in ACWP educational programs and presentations
stormwater brochures for distribution, record	and received information. 562 attended additional meetings with ACWP regarding water
number of brochures distributed through	quality. Newsletters and stormwater brochures were distributed by the District and our
office contacts and outreach opportunities,	partners throughout the year. One tire collection and recycling outreach event was held
with an emphasis on developers, contractors,	(LRGVDC). 13 habitat/water quality outreach events were held at 13 bird counts at the San
businesses, and industry requesting plat	
reviews	Benito Wetlands (at a CCDD#3 outfall to the Arroyo Colorado). Each of the fifteen plat review
	applicants were directed to the TCEQ Stormwater Construction Permit webpage.
Make Subdivision Plat Review procedures and	
requirements available on the District's	
website to applicants, including requirements	
to obtain all applicable TECQ permits	
	Goal met. Subdivision Plat Review is posted on the CCDD#3 website.
	Goal met. CCDD#3 is a sponsor and partner of the ACWP education and outreach programs,
	including classroom presentations, event appearances, public involvement activities,
Support ACWP and ACC to provide classroom	distribution of newsletters and other materials, media outreach, and coastal water quality
presentations, distribute stormwater quality	implementation. 13 habitat/water quality outreach events were held at 13 bird counts at the
materials, and perform community outreach	San Benito Wetlands (at a CCDD#3 outfall to the Arroyo Colorado). The District participates in
	the implementation of the Update to the Arroyo Colorado Watershed Protection Plan
	accepted by the US EPA in late 2017.
	Goal met. Meeting notices were publicized in compliance with state regulations. The SWMP
Comply with all state and local public notice	has not yet been approved by TCEQ, and we are awaiting notification by the state. The
requirements	SWMP, annual reports, and other information are posted on our website and available at our
	office.
Provide a public comment segment in each	
regular meeting of the Board of Directors, to	
include comments on the MS4	Goal met. A public comment segment scheduled at each CCDD#3 board meeting.
On the District's website, publish links to	
	Goal met The District's website was online on April 14, 2020. The link to the ACMP
public involvement events taking place in	Goal met. The District's website was online on April 14, 2020. The link to the ACWP
cities and communities within the District	publicized educational presentations and events.
Make this SWMP, NOI, updates, and annual	Goal met. These documents are available to the public during office hours at the CCDD#3
reports available to the public	office. The SWMP (unapproved at this time), NOI, and annual reports are also available on
	our website.

#### MCM 2 - Illicit Discharge Detection and Elimination (IDDE)

Inspect existing stencils and add new stencils	Goal met. 100% of existing stencils were inspected, and were re-painted. Stencils are located in areas accessible to the public. No new outfalls were added so no new stencils were needed.
Inspect existing bumper stickers, replace	Goal met. 100% of existing bumper stickers were inspected and were replaced as needed.
annually, and add stickers on 100% of new	Bumper stickers were attached to all other equipment, including mowers and heavy
equipment	equipment. No new vehicles were added to the fleet.

Deview and undetermenting of ditabas	Cool mot A dedicated CIS Technician has increased the District's CIS manning information
Review and update mapping of ditches,	Goal met. A dedicated GIS Technician has increased the District's GIS mapping information
outfalls, surface waters receiving discharges,	capacity. Maps are updated as infrastructure is added or new information is available. Work
illicit discharge investigations, and other	orders are connected to the to GIS system. CCDD#3 is connected to the Cameron County
features	Appraisal District database.
Discuss IDDE procedures at an employee	
safety meeting and maintain training program materials and attendance documentation	
	Goal met. Training is held at quarterly staff meetings.
Follow tracking and reporting procedure	Goal met. CCDD#3 receives an average of 5 calls from the public each month and follows the District's procedures.
Maintain a copy of this SWMP and the NOI at	
the District's office and on District's website	Goal met. A copy of each is available at the District's office. The SWMP (unapproved at this
	time) and NOI are also posted on our website.
Inspect 20% of outfalls	Goal exceeded. 100% of outfalls and ditches inspected annually.
Maintain on-site procedures for responding to	
illicit discharges and spills	Goal met. Response proceedures maintained and followed.
Prioritize investigation of discharges	Goal met. Identified illegal dumping reported to County. No other discharges detected.
Report immediate threats to TCEQ	
immediately	Goal met. None detected.
Exert enforcement authority when District has	
operational control	Goal met for staff and contractors. No enforcement issues occurred.
Perform inspections and exert enforcement	
authority to the MEP	Goal met. No enforcement issues in circumstances when District has operational control.
	Goal not met. Informal agreements and traditional partnerships are currently still in use and
Enter into interlocal agreements for	effective for inspections, enforcement, debris removal, and more. Formal interlocal
inspections and enforcement	agreements are being reconsidered and may be unnecessary. An NOC will be submitted once
	the SWMP has been approved.
Report illicit discharges to appropriate entity	Goal met. Illegal dumping reported to County. No other illicit discharges detected
	Goal met. Investigatable reported discharges were tracked and documented. Others were
Track and document investigations	referred to the appropriate enforcement entity.
Notify parties responsible for illicit discharges	Goal met. Cameron County, with the authority and capacity to investigate crime, notified
and perform follow-up inspections	those parties that were discovered and performed follow-up contacts.
	Goal met. We are working with landowners to install gates and limit access to historic dump
Install cable gates	sites. Two new cable gates were installed for a new total of thirty-six gates. One sign was also
	installed.
	Goal met in part. Illegal dumping is an overwhelming issue in the region. Not all dumping
	can be investigated and cleaned up by the County. Not all dumping includes evidence of
Remove and properly dispose of illegally	responsible party. Locations that are cleaned often have new dumping the next day. We
dumped materials	
dumped materials	
	continue to work with the County, the Lower Rio Grande Valley Development Council, and
	continue to work with the County, the Lower Rio Grande Valley Development Council, and others to reduce the problem. 11.46 tons of illegally dumped tires were removed during the
	continue to work with the County, the Lower Rio Grande Valley Development Council, and
Septic system and/or gray water discharge	continue to work with the County, the Lower Rio Grande Valley Development Council, and others to reduce the problem. 11.46 tons of illegally dumped tires were removed during the reporting period.
	continue to work with the County, the Lower Rio Grande Valley Development Council, and others to reduce the problem. 11.46 tons of illegally dumped tires were removed during the
Septic system and/or gray water discharge	continue to work with the County, the Lower Rio Grande Valley Development Council, and others to reduce the problem. 11.46 tons of illegally dumped tires were removed during the reporting period.
Septic system and/or gray water discharge detection and elimination	continue to work with the County, the Lower Rio Grande Valley Development Council, and others to reduce the problem. 11.46 tons of illegally dumped tires were removed during the reporting period. Goal met. None detected.

#### MCM 3 - Construction Site Stormwater Runoff Control

	Goal not met. Informal agreements and traditional partnerships are currently still in use and effective for inspections, enforcement, debris removal, and more. Formal interlocal
inspections and enforcement	agreements are being reconsidered and may be unnecessary. An NOC will be submitted once
	the SWMP has been approved.
Ensure compliance of construction sites over	
which the District has control	No construction projects during reporting period.
Inspect construction sites over which the	
District has control	No construction projects during reporting period.
Review and update Construction Plan Review	
Procedures	Goal met. CCDD #3 reviewed plans for 15 subdivision projects.

Facilitate public reporting	Goal met. CCDD#3 receives an average of 5 calls from the public each month. None involved construction site stormwater runoff controls.
Conduct a training MS4 personnel responsible for plan review, inspections, or enforcement	Goal met. Training is held at quarterly staff meetings.

#### MCM 4 - Post-Construction Stormwater Management in New Development and Redevelopment

Goal not met. Informal agreements and traditional partnerships are currently still in use and
effective for inspections, enforcement, debris removal, and more. Formal interlocal
agreements are being reconsidered and may be unnecessary. An NOC will be submitted once
the SWMP has been approved.
Goal met. No District development or redevelopment sites.
Goal met. 100% of structural stormwater control measures inspected and maintained
annually.
Goal met. Records are kept at the District's office.

#### MCM 5 - Pollution Prevention and Good Housekeeping for Municipal Operations

Maintain an inventory of District facilities and	
stormwater controls	Goal met. CCDD#3 continues to update GIS maps and capabilities.
Inspect and maintain 100% of District's	
drainage ditches	Goal met. 100% of drainage ditches inspected and maintained annually.
Clean 100% of catch basins	Goal met. 100% of catch basins and drop boxes inspected and maintained annually.
	Goal met. Illegal dumping reported to County or removed and properly disposed of during
Investigate and report 100% of illegal	regular drainage maintenance. This is completed by January 23 of each year, but new illegally
dumping incidents	dumped materials are deposited on a daily basis after a site is investigated and cleaned.
	Illegal dumping is an epic problem in this region.
	Goal met. Illegal dumping reported to County or removed and properly disposed of during
Remove and properly dispose of illegally	regular drainage maintenance. This is completed by January 23 of each year, but new illegally
dumped materials	dumped materials are deposited on a daily basis after a site is investigated and cleaned.
	Illegal dumping is an epic problem in this region. 11.46 tons of illegally dumped tires were
	removed during the reporting period.
	Goal met. We are working with landowners to install gates and limit access to historic dump
Install cable gates	sites. Two new cable gates were installed for a new total of thirty-six. One sign was also
	installed.
Require 100% of contractors to comply with	
all stormwater control measures, good	
housekeeping practices, and facility-specific	
stormwater management operating	Goal met. The District had no construction, development, or redevelopment projects that
procedures	required contractors.
Assess District operations activities for	
potential to discharge pollutants of concern,	
and develop and implement pollution	
discharge prevention measures	Goal met. Operation and maintenance activities evaluated annually or as new concerns arise.
Properly use herbicides and pesticides and	
maintain records	Goal met. CCDD#3 does not currently use herbicides or pesticides.
	Goal met. The parking lot at the CCDD#3 office (public, employee, and maintenance areas)
Visually inspect District parking lots, remove	were resurfaced and concrete driveways were constructed three years ago. Parking lots and
trash, and sweep annually	driveways drain into vegetative strips to prevent pollutant discharge. Parking lots are visually
	inspected weekly and trash is removed. CCDD#3 shares these facilities with CC Irrigation
	District #2 to further reduce the footprint on stormwater pollution.
Maintain vehicles and equipment to identify	
and eliminate fluid leaks	equipment, mowers.
Dispose of District's waste materials properly	Goal met. Waste materials were removed to a landfill. During the reporting period, 180
	pounds of office paper, 255 gallons of used motor oil, and used oil filters were recycled.

Recycle used oil used oil filters metals naner	Goal met. During the reporting period, 180 pounds of office paper, 255 gallons of used motor oil, and used oil filters were recycled.	
Check for and repair leaks at fueling and		
storage areas	Goal met. CCDD#3 facilities are inspected daily and maintained on a schedule.	
Check annually for any newly listed		
impairments on the 303(d) list of the Texas		
Integrated Report of Surface Water Quality		
and update the SWMP accordingly	Goal met. No newly listed impairments were found for our area.	
Review SWMP annually during preparation of the annual report	Goal met. The SWMP and BMPs were reviewed during the preparation of this report. Informal agreements and traditional partnerships are currently still in use and effective for inspections, enforcement, debris removal, and more. Formal interlocal agreements are being reconsidered and may be unnecessary. An NOC will be submitted once the SWMP has been approved.	
Inspect and maintain District structural control BMPs	Goal met. 100% of structural stormwater control measures inspected and maintained annually.	
Training MS4 personnel in pollution prevention and good housekeeping		
procedures	Goal met. Training is held at quarterly staff meetings.	

#### MCM 6 - Industrial Stormwater Sources

Not applicable to Level 2 MS4 Operators

#### MCM 7 - Authorization for Construction Activities where the Small MS4 is the Site Operator

Develop and implement a SWP3 for each	
applicable construction activity	Goal met. No District construction projects during reporting period.
Post TCEQ approval at each construction site	Goal met. No District construction projects during reporting period.
Maintain oversight and control of each	
construction site	Goal met. No District construction projects during reporting period.
Conduct inspections for SWP3 elements and	
compliance	Goal met. No District construction projects during reporting period.

ALL	Record keeping	Goal met.
	Annual reporting	Goal met.

### **Cameron County Drainage District #3**

#### E. Stormwater Activities

#### Year 4

BMP 1 - Public Education & Outreach	Stormwater Activity	Description/Comments
	Develop a District website and	
	publish this SWMP, annual reports,	
Website development	any other required materials, District	
	contact information, and links to	
	other relevant sites	Maintain, update, and continue to improve website.
	Publish this SWMP, annual reports,	······································
	any other required materials, District	
Publish public information on website	contact information, and links to	
	other relevant sites	Maintain, update, and continue to improve website.
	Inspect existing stencils and add new	Inspect, replace if needed, add new stencils where
Storm drain stenciling	stencils to new outfalls	needed
	Inspect existing bumper stickers,	
Bumper stickers	replace annually, and add stickers on	Inspect, replace if needed, add new bumper stickers
	100% of new equipment	where needed.
	Order 200 ACWP newsletters and 200 stormwater brochures for	
	distribution, record number of	
Distribute educational materials	brochures distributed through office	
	contacts and outreach opportunities,	
	with an emphasis on developers,	
	contractors, businesses, and industry	Obtain and distribute stormwater quality educationa
	requesting plat reviews	materials.
	Make Subdivision Plat Review	
	procedures and requirements	
Distribute educational materials to applicants	available on the District's website to	
to the District for a Subdivision Plat Review	applicants, including requirements to	
	obtain all applicable TECQ permits	Maintain, update, and continue to improve website.
		Maintain Subdivision Plat Review Checklist on websit
	Support ACWP and ACC to provide	
Support and collaborate with the ACWP and	classroom presentations, distribute	
ACC - education	stormwater quality materials, and	
	perform community outreach	Continue to support ACWP and ACC
Public notices	Comply with all state and local public	
	notice requirements	Continue to follow public notice requirements
	Provide a public comment segment	
Public comments to Board	in each regular meeting of the Board	
		Continue to provide a public comment segment in ea
	the MS4	regular Board meeting.
	On the District's website, publish	
Distribute community involvement event	links to public involvement events	
information	taking place in cities and	
	communities within the District	Maintain, update, and continue to improve website.
Dublish public NACA information and the	Make this SWMP, NOI, updates, and	Maintain undate and continue to improve with its
Publish public MS4 information on website	annual reports available to the public	Maintain, update, and continue to improve website.
		Publish this annual report on the CCDD#3 website.

#### MCM 2 - Illicit Discharge Detection and Elimination (IDDE)

Storm drain stenciling		Inspect, replace if needed, add new stencils where needed
	Inspect existing bumper stickers,	
-		Inspect, replace if needed, add new bumper stickers where needed

GIS mapping updates and improvements	Review and update mapping of ditches, outfalls, surface waters receiving discharges, illicit discharge investigations, and other features	Review and update maps
Train MS4 field personnel to identify and	Discuss IDDE procedures at an employee safety meeting and maintain training program materials	
track illicit discharges	and attendance documentation	Hold MS4 personnel training at quarterly staff metings
Facilitate public reporting	Follow tracking and reporting procedure	Track and report 100% of incidents reported by the public.
Provide public access to SWMP and other MS4 records	Maintain a copy of this SWMP and the NOI at the District's office and on District's website	Maintain documents at the District's office and on the District's website.
Outfall inspection and screening	Inspect 20% of outfalls	Inspect and screen a minimum of 20% of outfalls
Procedures for illicit discharge & spill response	Maintain on-site procedures for responding to illicit discharges and spills	Continue to maintain on-site procedures for responding to illicit discharges and spills
Source investigation and elimination	Prioritize investigation of discharges	Continue to prioritize investigation of discharges
Source investigation and elimination	Report immediate threats to TCEQ immediately	Continue to report immediate threats to TCEQ immediately
Source investigation and elimination	Exert enforcement authority when District has operational control	Continue to exert enforcement authority when District has operational control
Source investigation and elimination	Perform inspections and exert enforcement authority to the MEP	Continue to perform inspections and exert enforcement authority to the MEP
Source investigation and elimination	Enter into interlocal agreements for inspections and enforcement	Enter into interlocal agreements for inspections and enforcement with Cameron County and MS4 cities within the District or submit a NOC once the SWMP is approved.
Source investigation and elimination	Report illicit discharges to appropriate entity	Continue to report illicit discharges to appropriate entity
Source investigation and elimination	Track and document investigations	Continue to track and document investigations
Source investigation and elimination	Notify parties responsible for illicit discharges and perform follow-up inspections	Continue to notify parties responsible for illicit discharges and perform follow-up inspections
Source investigation and elimination	Install cable gates	Seek effective locations for cable gates or signs, and install.
Source investigation and elimination	Remove and properly dispose of illegally dumped materials	Work with Cameron County and others to remove and properly dispose of illegally dumped materials
Bacteria control	Septic system and/or gray water discharge detection and elimination	Continue septic system and/or gray water discharge detection and elimination
Bacteria control	Sanitary sewer leak detection and elimination	Continue sanitary sewer leak detection and elimination
Address Legacy Pollutants	Report Legacy Pollutants to TCEQ and continue to rely on TCEQ monitoring	Report Legacy Pollutants if found.
		• • •

#### MCM 3 - Construction Site Stormwater Runoff Control

Interlocal agreements	Enter into interlocal agreements for	Enter into interlocal agreements for inspections and enforcement with Cameron County and MS4 cities within the District or submit a NOC once the SWMP is approved
Ensure permit compliance	Ensure compliance of construction sites over which the District has	
	control	Supervise and inspect construction sites
Site inspections	Inspect construction sites over which	
Site inspections	the District has control	Supervise and inspect construction sites

lupdate plat review procedures	Review and update Construction Plan Review Procedures	Review and update Construction Plan Review Procedures
Public reporting	Facilitate public reporting	Encourage public reporting through outreach and easy access to the District, such as a hotline number and public comments at meetings.
MS4 personnel training	Conduct a training MS4 personnel responsible for plan review, inspections, or enforcement	Hold MS4 personnel training at quarterly staff metings

#### MCM 4 - Post-Construction Stormwater Management in New Development and Redevelopment

Interlocal agreements		Enter into interlocal agreements for inspections and enforcement with Cameron County and MS4 cities within the District or submit a NOC once the SWMP is approved.
Ensure permit compliance	Ensure compliance and maintenance at new development and redevelopment sites over which the District has control	Inspect and ensure compliance at sites over which the District has control.
Maintenance of structural stormwater control measures	stormwater control measures	Inspect and maintain structural stormwater control measures installed by the District.
Enforcement	Ensure compliance and maintenance at new development and redevelopment sites through existing law enforcement procedures	Utilize partnerships with law enforcement to ensure compliance and maintenance at new development and redevelopment sites.

#### MCM 5 - Pollution Prevention and Good Housekeeping for Municipal Operations

•	Maintain an inventory of District	
Inventory facilities and controls	facilities and stormwater controls	Update inventory and maps.
Increase and maintain drainages	Inspect and maintain 100% of	Increase and maintain 100% of District's drainage ditabase
Inspect and maintain drainages	District's drainage ditches	Inspect and maintain 100% of District's drainage ditches
Clean District catch basins	Clean 100% of catch basins	Clean 100% of catch basins
Investigation	Investigate and report 100% of illegal	Inspect, investigate, report, and properly dispose of
Investigation	dumping incidents	illegally dumped materials.
Illegal dumping disposal	Remove and properly dispose of	Inspect, investigate, report, and properly dispose of
	illegally dumped materials	illegally dumped materials.
Physical barriers to illegal dumping	Install cable gates	Determine where cable gates or signs are needed and
Physical barriers to megal dumping	install cable gates	install.
	Require 100% of contractors to	
	comply with all stormwater control	
Contractor compliance with stormwater	measures, good housekeeping	Continue to supervise contractors and review compliance
control measures	practices, and facility-specific	with stormwater control measures, good housekeeping
	stormwater management operating	practices, and facility-specific stormwater management
	procedures	operating procedures
	Assess District operations activities	
On a section and a sector sector tipl	for potential to discharge pollutants	Review and assess District operations activities for
Operations assessment for potential	of concern, and develop and	potential to discharge pollutants of concern, and develop
discharge and prevention	implement pollution discharge	and implement pollution discharge prevention measures.
	prevention measures	
Dremon use of howhisides and restinides	Properly use herbicides and	Follow instructions for use of herbicides and pesticides
Proper use of herbicides and pesticides	pesticides and maintain records	and maintain records of usage.
Parking lot maintenance	Visually inspect District parking lots,	Visually inspect District parking lots, remove trash, and
	remove trash, and sweep annually	sweep. Maintain vegetative strips and other BMPs.
Vehicle maintenance	Maintain vehicles and equipment to identify and eliminate fluid leaks	Inspect 100% of vehicles and perform maintenance and repairs. Includes trucks, heavy equipment, mowers.

Disposal of waste material	Dispose of District's waste materials properly	Waste and illegal dumping will be removed to a landfill.
Recycling program	Recycle used oil, used oil filters, metals, paper	Recycle used oil, used oil filters, metals, paper
Check for fuel leaks	Check for and repair leaks at fueling and storage areas	Inspect fueling and storage areas and perform maintenance and repairs.
Check 303(d) list	Check annually for any newly listed impairments on the 303(d) list of the Texas Integrated Report of Surface Water Quality and update the SWMP accordingly	Review the 303(d) list
Review and update SWMP	Review SWMP annually during preparation of the annual report	Review and update the SWMP
Maintain structural controls	Inspect and maintain District structural control BMPs	Inspect and maintain structural stormwater control measures installed by the District.
MS4 personnel training	Training MS4 personnel in pollution prevention and good housekeeping procedures	Hold MS4 personnel training at quarterly staff metings

#### MCM 6 - Industrial Stormwater Sources

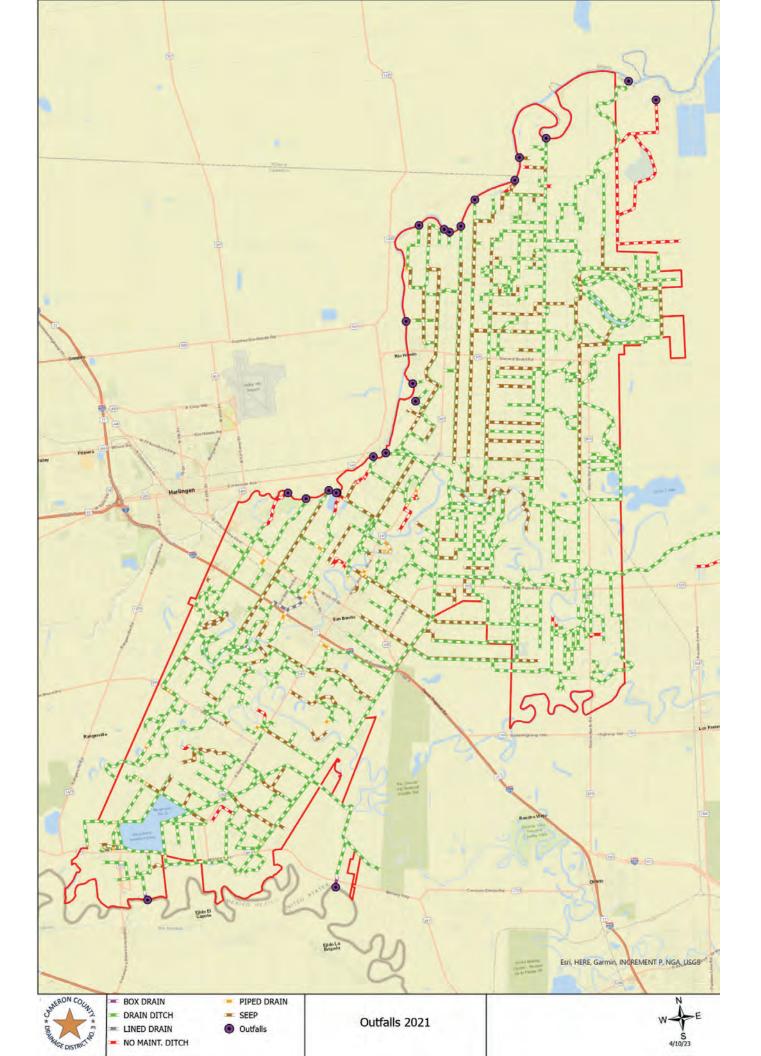
Not applicable to Level 2 MS4 Operators

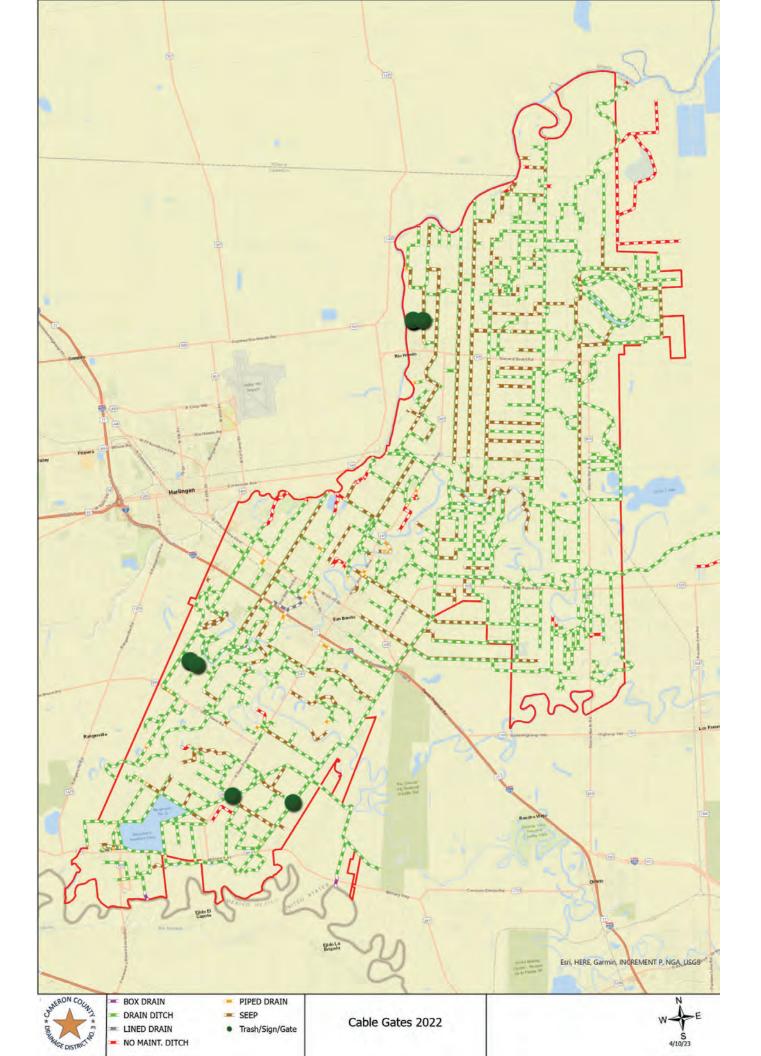
#### MCM 7 - Authorization for Construction Activities where the Small MS4 is the Site Operator

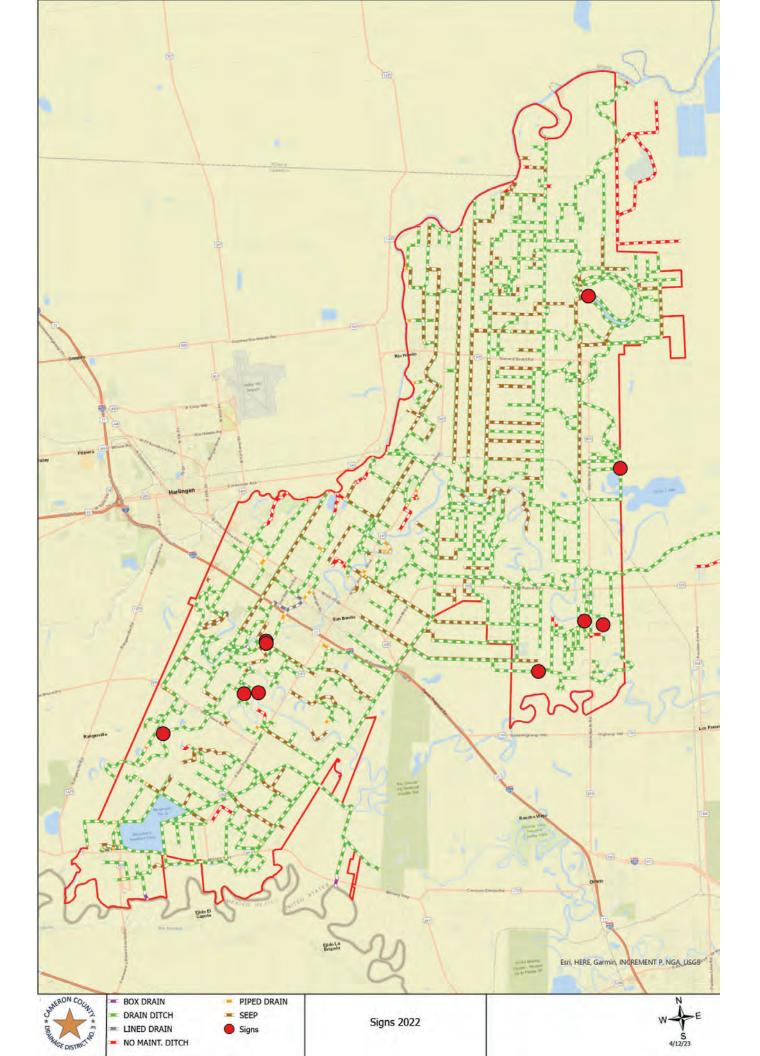
Develop a SWP3	Develop and implement a SWP3 for each applicable construction activity	Develop and implement a SWP3 for each applicable construction activity
Compliance with TCEQ regulations	Post TCEQ approval at each construction site	Post TCEQ approval at each construction site
Maintain oversight and control	Maintain oversight and control of	
Wantan oversignt and control	each construction site	Inspect and control each construction site
Inspect construction sites	Conduct inspections for SWP3	
inspect construction sites	elements and compliance	Inspect and control each construction site

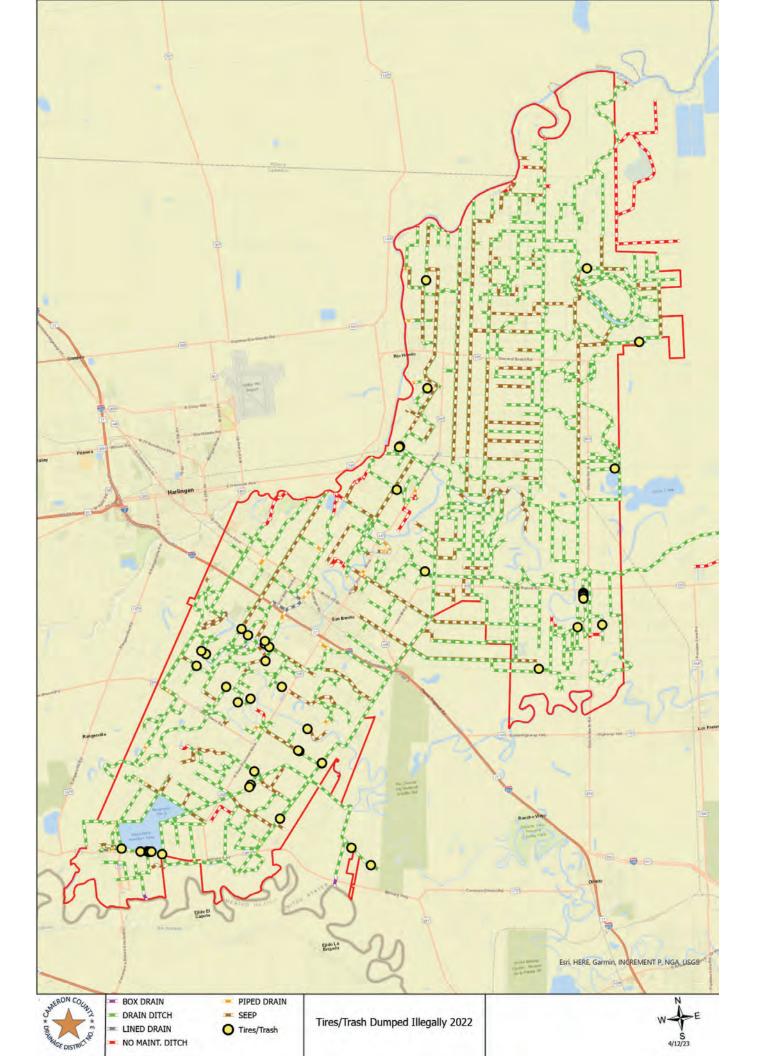
ALL

	Record keeping	record keeping	Keep accurate records of BMP activities included in the SWMP	
			Develop and submit an annual report to the TCEQ and	
	Annual reporting	regional office. Keep a copy in the District o		
		Annual reporting	public review. Post the rport on the District's website.	









### Cameron County Drainage District #3

MS4 Annual Report, Year 4

Photos





New cable gates

New sign





INVOICE # 061522

INVOICE

2401 E. Highway 83, Weslaco, Texas 78596 Phone 956.969.5607 Fax 956.969.5639 www.arroyocolorado.org

TO Sonia Lambert General Manager Cameron County Drainage District #3 P.O. Box 937 San Benito, TX 78586

QTY	ITEM.#	DESCRIPTION	UNIT PRICE	DISCOUNT	LINE TOTAL
1		June 15, 2022 Sponsorship to the Arroyo Colorado Conservancy to Implement Management Measures outlined in the Update to the Arroyo Colorado Watershed Protection Plan and conduct Education and Outreach throughout the watershed	\$2,500		2,500

SHIP

то

TOTAL DISCOUNT

SUBTOTAL

SALES TAX

TOTAL 2,500.00

22

4357-#2500:00

Make all checks payable to Arroyo Colorado Conservancy

THANK YOU!



МÖ Material Cardboard Mix Paper Newspaper **Plastic Bottles** 

Nº 17318	Pounds	Total \$
Material		
Cardboard		<u>021</u> 44 P <u>M</u>
Mix Paper		04/01/2022
Newspaper	un and the second s	5700 <del>16 6</del>
Plastic Bottles	#HTU	
White Paper	<u>XAND</u>	
Aluminum	APR 0 1 2022	02:57 PM 
Electronics		5520 <u>16</u> 0
Shredding Service	-6273549639648649648669669669696969696969696969696	
Other		Received by:

# Cameron County Drainage District #3

#### **Receipt for Misc Income**

4/4/2022

Recvd By: ns

Receipt #: 10343

Received From: BROWNSVILLE SCRAP PAPER

Transaction Date: 4/4/2022

Reference Number: 99999

**Description:** RECYCLE SHRED PAPER

Payment Amount: \$11.70

Total Cash Received: \$11.70

Received By: \_\_\_\_\_\_

Remarks: SHREDDED PAPER TAKEN TO RECYLCLE

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/** , 0RIG:	na na sa sa mangali ana ini ao	remegor#ber		
Ticket#: 665002	3/1/2022	Tize In: 01:50:05 PM	Time Out: 02:3	16:49 PM
SUSTOMER#: 5026		fiche: 01		
CUSTOMER: Cameron County			GROSS lid: TARE lid:	21,020,60 ()/// 16,000.00
Scale In: 1 Scale Cur CONTAINER:	· & . :		NET LOI	5,020.06
PRODUCT: TIRES - Tires	by the Ton -			\$ <b>2</b> 51.00
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Transporter

00965126

AUTHORIZED SIGNATURE

AA8546

SCALE MASTER

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Ticket#: CUSTOMER	664981 \$: 6026	3/1/2022 Veh	Time In: 01:52:: HCLE: 02	34 PM TI	ime Out: 02:	13:00 <u>Pm</u>
CUSTOMER	: Cameron Coun	cy Drainage 3		(	GROSS 16:	17,000.00
Scale In	: 1 Scale (				TARE 15:	13,580.00
CONTAINE	<u> </u>				NET 16:	3,420.00
PRODUCT:	OMSW - Outsi	lde City Municip	al Soluti Masta			\$72.00
		ź		Nickes 10	GRI Costi	\$72.00
		545 21 19 19 19 19 19 19 19 19 19 19 19 19 19				
	Plaster	. Dipe for a	ccid#2			

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00965311 EV7726 AUTHORIZED SIGNATURE SCALE MASTER Transporter ORIGINAL 3/2/2022 Ticket#: 665346 In: 01:44:25 PM Time Ost: 02:29:20 PM eestY VEHICLE: 01 CUSTOMER#: 6026 CUSTOMER: Cameron County Drainage 3 GROSS 1b: 16,960.00 Scale In: 1 Scale Out: TARE 1b: 13,620.00 CONTAINER: 3,340.00 MET 1b: PRODUCT: IC/D - Inside City Construction Jan Margalition \$50.00 950.00 Micket Yotal Cost Plastic Pipe por CCADZ 43577 - 851.00

	00965425	
A A A A A A A A A A A A A A A A A A A	3V7726 UTHORIZED SIGNATURE SCALE MASTER	<u> </u>
GRIGINAL		
Ticket#: 665359 3/3/2022 Time In: 10:05:12 AM CUSTOMER#: 6025 VEHICLE: 02 CUSTOMER: Cameron County Drainage 3 Scale In: 1 Scale Out: CONTAINER: PRODUCT: OMSW - Outside City Municipal Sole	Time Out: 10: GROSS lb: TARE lb: NET lb:	27:21 AM 15,200.00 13,460.00 2,760.00 \$38.00 \$38.00

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	00965349	
WNSVILLE WNSVILLE Le Borde, Bythe See	EV7726 AUTHORIZED SIGNATURE SCALE MASTER	
ORIGINAL Ticket#: 665395 3/2/2022		32:37 2N
CUSTOMER#: 5025 VEHIC	CLE: 01	S
CUSTOMER: Cameron County Drainage 3 .	GROSS lb:	20,660.04Q
Scale In: 1 Scale Out:	TARE 16:	15,560.00
CONTAINER :	NET 15:	5,000.00
PRODUCT: TIRES - Tires by the Ton - 10		\$250.0Q
	Tidost Totul Cost:	\$2.58°. 0°0
		An Administrative view of Billing and an analysis of the second second second second second second second second

			00965452	na n
OWNSVILLE milie Borden By the Sen		<u>1 / 11 /</u>	ZV7726 AUTHORIZED SIGNATURE SCALE MASTER	
	IGINAL			
Ticket): 565611 CUSTOMERS: 6026		Timé In: 10:04:06 A NCLE: 01	V 71me Out: 11:	24:20 AM
CUSTOMER: Cameron Count Scale In: 1 Scale O CONTAINER:	y Drainage 3 ut:	4	GROSS 1b: TARE 1b:	16,066.00
PRODUCT: TIRES - Tires	s by the Ton - :		NET 16:	3,400.00 \$170.00
	CLDD 3	n the Bonder Sec.	det fotal Cest:	\$170.90

# **Finance Invoice**



INVOICE: DATE:

2022-00000259 03/31/2022

#### DUE UPON RECEIPT

#### CUSTOMER # 6026 - CAMERON COUNTY DRAINAGE DIST. #3

CAMERON COUNTY DRAINAGE DIST. #3 P.O. BOX 937 SAN BENITO, TX 78586

Invoice Type: Finance	1	Description: L	ANDFILL FEES -	MARCH 2022
Description	Quantity	ŪŌM	Unit Price	<b>Total Price</b>
Landfill	1	BX	\$850.4600	\$850.46

FOR THE USE OF CITY SANITARY LANDFILL DURING THE MONTH OF MARCH 2022

Please remit payment to:

City of Brownsville Finance Department P.O. Box 911 BROWNSVILLE, TX 78520 Phone: (956)548-6026

#### PLEASE INCLUDE INVOICE NUMBER ON REMITTANCE: 2022-00000259

Invoice Total:

\$850.46

**TicketNumber** Product

664981 Outside City Municipal Solid Waste 665002 Tires by the Ton - 10 tires or more 665346 Inside City Construction and Demolition 665393 Tires by the Ton - 10 tires or more 665599 Outside City Municipal Solid Waste 665591 Tires by the Ton - 10 tires or more

# Customer

	\$\$50.46
	cal
	3 Tot
Cameron County Drainage 3 Cameron County Drainage 3	Cameron County Drainage 3 Total
County County County County County County	County
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	01:52 PM	01:50 PM	01:44 PM	02:51 PM	10:05 AM	10:04 AM	
NetWt TimeIn	1.710 03/01/2022 01:52 PM	2.510 03/01/2022 01:50 PM	1.670 03/02/2022 01:44 PM	2.500 03/02/2022 02:51 PM	L.370 03/03/2022 10:05 AM	1.700 03/03/2022 10:04 AM	
<u>NetWt</u>	1.710	2.510	1.670	2.500	1.370	1.700	11.460
TotalCost	\$71.82	\$251.00	\$50.10	\$250.00	SS7.54	\$170.00	\$\$50.46
Truck	02	01	01	01	02	01	

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	REU	INN	ERS
P0#25202	940 Anzalduas Dr - S. PH:956.281.8177 *	Equipment, LLC an Benito Texas 78586 ~ Efax:210.855.8870 - Email: <u>info@oilrunners.net</u>	10:00 10:30
GENERATOR/GENERADOR	TRANSPORTER/T	RANSPORTADOR	FINAL DESTINATION
C.C. Inig. Dist. #2 26041 Fm 570 San Beruito, TR	"OIL RL 940 ANZA SAN BENITO	JNNERS" ALDUAS DR TEXAS 78586	"OIL RUNNERS" 940 ANZALDUAS DR SAN BENITO TEXAS 78586
EPA ID# TCEQ#	EPA ID# <u>TXR000065540</u> TCEQA# <u>86116</u>		EPA ID# TXR000065540
NOTES.			TCEQA# <u>86116</u>
NOTES:	NOTES:		NOTES:
SERVICES	US DOT Manifest S		
USED OIL (FP) GREATER THAN 200F N USED OIL FILTERS	ION HAZ	QUANTITY/GALS 2555c/Druck	CASH/CHECK# CHARGES
OILY WATER – NON HAZ ANTIFREEZE			
OTHER (WASTE WATER, WATER JOBS) Special Handli	ng Instructions in case of EM	ERGENCY, CALL CHEMTREC [	300) 424-9300
	Generators (	Certification	
I hereby declare that every effort will be r in order to maintain the status of each of and are in all respects in proper condition regulations. In the event that this materia required under Federal, State, and Local r the safe removal of these waste streams t	for transport by highway or r l is found to be hazardous wa	a the contents of the consign ailroad according to applicab	ment are fully and accurately described le Federal, State, and Local government
PRINT NAME:	SIGNATURE:	DATE:	
TRANSPORTER ACKNOWLEDGMENT OF			
RECEIPT OF MATERIA TSmall G In Minko		DATE:	12.22
TANK # MATERIAL WAS UNLOADED AT (DESTIMATED GALLONS RECEIVED BY (DF)	MALLE 1	DATE: -12	: 22
MANIFEST #: 96534			D #: TXR000065540 Transporter: A86116
WHITE – Oil Runners customer service	YELLOW – Receiving Fac	ility PINK – Transporter	GOLDENROD - Generator
	"YOUR ONE STOP	5HOP"	



Accepting household and bulky waste trash only at these locations.

Precinct #1 - Commissioner Sofia Benavides 956-574-8171

South Dakota & Bismark Blvd. • Brownsville Corner of St. Louis & Illinois Ave. • Brownsville Corner of California & Browne Rd. • Brownsville

# Precinct #2 - Commissioner Joey Lopez 956-574-8175

Centro Cultural Cameron Park • 2100 Gregory Ave. • Brownsville San Pedro Catholic Church • 7602 Old Military Rd. • Brownsville Cameron County Pct. 2 Warehouse • 7092 Old Alice Rd. • Brownsville

# Precinct #3 - Commissioner David A. Garza 956-361-8222

Bejarano-McFarland Park • 235 E. Michigan Ave. • Port Isabel Arroyo City Firehouse • 34921 FM 2925 • Rio Hondo Cameron County Pct. 3 Warehouse • 26945 FM 510 • San Benito

Precinct #4 - Commissioner Gus Ruiz 956-423-1878

24526 US Hwy 281 • El Ranchito Park • San Benito 513 S. FM 506 • Santa Rosa (County Park) Cameron County Pct. 4 Warehouse • 26641 White Ranch Rd. *call phone numbers listed for more information For precinct information and to view bin location sites on map, visit: https://www.cameroncountytx.gov/2022-trash-bash/* 



### Arroyo Colorado Watershed Partnership Outreach & Education, 1/24/2022 - 1/23/2023

<b>Education</b> P	rograms					
Date	Presenter(s)	Presentation Title	Event Title	People	Location	Duration (hrs.)
2/15/2021	laime Flores	ACWPP-Modeling/Delineating the North Watershed Boundary	Arroyo Watershed Boundary	3	Kingsville, TX	1
4/26/2022	Jaime Flores	LRGVWQI-ACWP Waste Water Infrastructure	Border 2025 LRGVWQI	55	Virtual-Weslaco, TX	0.5
5/26/2022	Jaime Flores	USDA-FSA Microloan Program	RGV Small Farmers Goat & Poultry workshop	50	Weslaco, TX	0.75
7/19/2022	Jaime Flores	San Benito Wetlands Project	TX 4-H Water Ambassadors	20	San Benito, TX	1
9/15/2022	laime Flores	Soil Test Campaign/Arroyo Colorado Water Quality	Pasture, Range & Forage Workshop	48	Weslaco, TX	0.5
9/15/2022	& Jude	Arroyo Colorado Partnership Steering Committee Meeting	ACWP Steering Committee Meeting	22	Virtual-Weslaco, TX	2
10/12/2022	Jaime Flores	San Benito Wetlands Project	TWRI Annual Retreat	20	Hearne, TX	0.35
11/9-13/22	Jaime Flores	San Benito Wetlands/Arroyo Colorado Water Quality Issues	RGV Birding Festival	396	San Benito, TX	80
11/18/2022	Jaime Flores	San Benito Wetlands Project	Valley Environmental Summit	38	SPI, TX	0.4
11/30/2022	Jaime Flores	Arroyo Colorado Watershed- General Information	TSSWCB/FFA Speaking Contest	2	Harlingen, TX	2
12/13/2022	laime Flores	Soil Test Campaign/Arroyo Colorado Water Quality	Making Sausage from your Harvest	22	San Manuel	0.5

Vo	lunteer	<b>Events</b>
	anceer	LVCIICS

monthly	Jaime Flores	ACWPP-San Benito Wetlands	San Benito Wetlands ACAS	var.	San Benito Wetlands	2			
		Project	Monthly Bird Count			Z			
3/3/2022	Jaime Flores	ACWPP-San Benito Wetlands	Laguna Vista Birding Club Bird	25	San Benito Wetlands	3			
		Project	Count						

Additional I	Meetings Reg	arding Water Quality				
2/16/2022	David Fuentes	Regional Water Resources Advisory Meeting	RWRAC Meeting	33	Virtual, Weslaco	1
3/10/2022	Samuel	RGV Small Acerage Horticulture	Horticulture Workshop	32	Weslaco, TX	4
	Zapata	Workshop				
4/6/2022	Jim Darling	Region M	Region M Meeting	45	Weslaco, TX	3
4/20/2022	David	Regional Water Resources	RWRAC Meeting	42	Weslaco, TX	2
	Fuentes	Advisory Meeting				
6/30/2022	Jaime Flores	Llano Grande Lake	Llano Grande Lake	3	Weslaco, TX	1
7/6/2022	Jim Darling	Region M	Region M Meeting	38	Weslaco, TX	3
7/20/2022	David Fuentes	Regional Water Resources Advisory Meeting	RWRAC Meeting	40	Weslaco, TX	2
7/25/2022	Jaime Flores	San Benito Wetlands	San Benito Wetlands Phase IV Meeting	8	San Benito, TX	1
9/21/2022	David Fuentes	Regional Water Resources Advisory Meeting	RWRAC Meeting	37	Weslaco, TX	2
9/29/2022	Jim Darling	Region M	Region M Meeting	42	Weslaco, TX	3
10/11-12/22	Allen Berthold	TWRI Annual Retreat	TWRI Annual Retreat	20	Hearne, TX	12
10/13/2022	TCEQ	TCEQ Contractor Workshop	TCEQ Contractor Workshop	60	Virtual, Austin	8
10/25/2022	Lucas Gregory	RGV Water Quality Article Meeting	RGV Water Quality Meeting	3	Teams	0.5
11/22/2022	Samuel Zapata	RGV Small Acerage Planning Meeting	RGV Small Acreage Planning Meeting	8	Teams	0.5
11/30/2022		Soil Test Campaign/Ag Issues	Soil Test Campaign	2	Harlingen, TX	1
12/6/2022	Roland Zamora	Pasture, Range & Forage Workshop	Pasture, Range & Forage Workshop	14	Ramondville, TX	3
1/19/2023	Vidal Saenz	Cotton/Grain Pre-plant meeting	Cotton/Grain Pre-plant meeting	135	Monte Alto, TX	4

# The Arroyo Colorado Watershed Partnership **Newsletter**



Winter 2022

# Soil Testing Campaign in the Arroyo Colorado Watershed

By Jaime Flores

Soil testing is a simple and effective tool that agricultural producers and homeowners alike can use to help manage fertilizer and soil amendment applications. Basic soil tests provide information about the kind and amount of plant-available nutrients currently in the soil and how much additional fertilizer is needed for the growing plants. The information received can help save money. Knowing crops' nutritional needs can help determine the amount of fertilizer to apply, or not apply, to produce a successful yield.

A good soil testing program can lead to other savings as well. For example, surface and groundwater resources are protected through proper nutrient application. Surface runoff and water leaching into the soil and underlying aquifers are natural processes that can lead to pollution. Poor nutrient management combined with these natural processes contributes to environmental degradation that ultimately affects human populations. Excess nutrient leaching into groundwater used for drinking can cause negative health effects and increase potable water treatment costs. Nutrient loading in surface runoff can create excessive aquatic plant growth and low dissolved oxygen in waterbodies that may lead to fish kills. Fish kills are bad for the aquatic system and degrade recreational opportunities for area residents.

In the Lower Rio Grande Valley, the Arroyo Colorado and other area waterbodies are experiencing nutrient loading issues that have created water quality impairments. Some excess nutrients are classified as nonpoint source pollution and may come from agriculture runoff, on-site sewage facilities, illegal dumping and urban stormwater runoff. Soil testing and following the recommendations of the test when applying fertilizer are one way to reduce potential nutrient runoff from agricultural and urban settings alike. The Texas A&M AgriLife Extension Service and the Texas Water Resources Institute are once again offering a free soil-testing campaign for agricultural producers in the Lower Rio Grande Valley. This program supports implementation of the Arroyo Colorado Watershed Protection Plan and will reduce nutrient loading to area waterbodies and producer's input costs. (continued on page 6)



Gabriel Cavazos, Conservation Agronomist, USDA-NRCS Hidalgo Co., demonstrating how to collect a soil sample. Photo by Jaime Flores.



Arroyo Colorado

# Llano Grande Lake Restoration Preliminary Feasibility Project

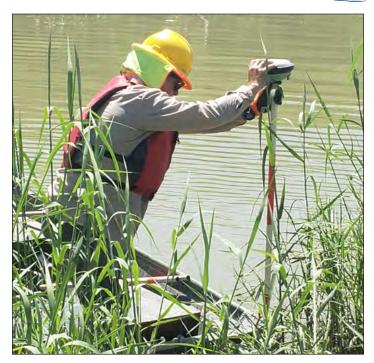
#### By Anne Whitco

Texas Water Resources Institute (TWRI) is investigating the possibility of restoring more natural hydrologic function of Llano Grande Lake by removing excess sediment build up. Siltation in lakes and very slow-moving waterways is a natural process that changes water storage and transport capacity over time. Historically, Llano Grande Lake has served as a source of flood water storage, wildlife habitat and recreation, and as an eight to 10 feet deep navigable channel leading toward the Port of Harlingen. However, changes in hydrology across the Rio Grande Valley and development in the surrounding landscape have contributed to the increased sediment accumulation in the lake.

In September 2020, Ambiotec Civil Engineering Group, Inc. conducted a bathymetric survey of the lake in coordination with TWRI. Based on depth-to-sediment data collected at four lake cross sections, it was found that between five and 12 feet of sediment accumulation exists in the lake. Water depths recorded ranged from less than one to only 4 feet in measured areas. Based on these findings, it is estimated that approximately 1.4 million cubic yards of sediment has accumulated in the lake. This equates to roughly 282.7 million gallons of stormwater capacity that is currently unavailable.

This effort was undertaken as a direct result of the recommendation in the Arroyo Colorado Watershed Protection Plan (WPP) to evaluate restoration activities for Llano Grande Lake. Currently, TWRI is exploring the possibility of dredging accumulated sediment from the water body. This effort involves communicating and coordinating with the U.S. Army Corps of Engineers to determine the potential for acquiring a dredging permit. Cost estimates are also in development to determine the amount of funding needed to complete such a project. Once cost is determined, efforts to identify collaborators and funding opportunities will begin.

Llano Grande Lake is about 5.3 miles long and covers approximately 180 acres within the Arroyo Colorado channel. It sits at the head of the International Boundary and Water Commission North Floodway and is centrally located within the 90-mile length of the Arroyo Colorado that flows from southwest of Mission, Texas to the Laguna Madre near Arroyo City, Texas. Concerns over low dissolved oxygen and elevated bacteria levels in the Arroyo Colorado spurred development of the Arroyo Colorado WPP by numerous concerned watershed stakeholders, organized as the Arroyo Colorado Watershed Partnership. Through a facilitated process, the partnership developed a WPP that identified local water quality concerns and appropriate strategies to address these concerns over time. The Llano Grande Restoration Project is a key project identified in the plan, which is critical to improving water quality standards and flood mitigation in the watershed.



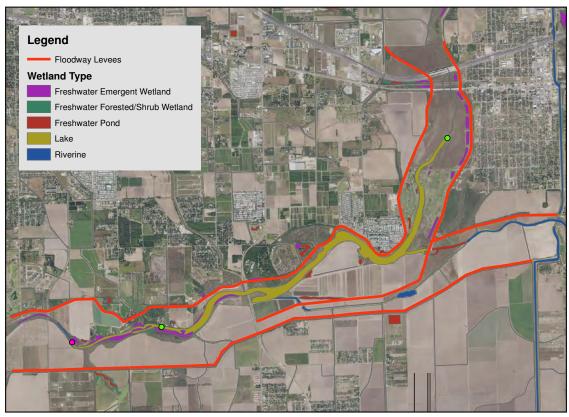
Measuring sediment thickness in Llano Grande Lake. Photo by Jaime Flores.



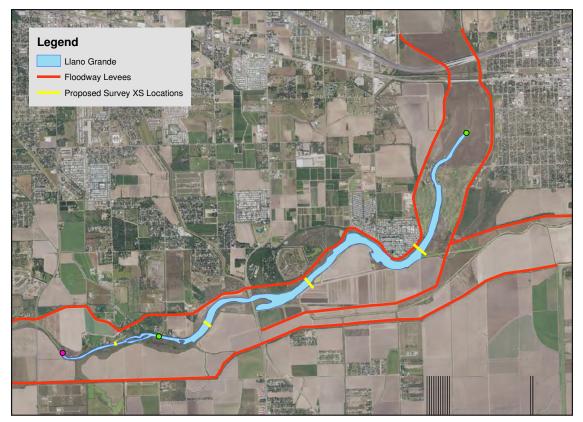
Motoring to the far side off the lake to take measurements. Photo by Jaime Flores.

# Know it. Respect it. Enjoy it.





Map of the Llano Grande Lake study area and habitat.



Map of the locations where cross-section surveys occurred.

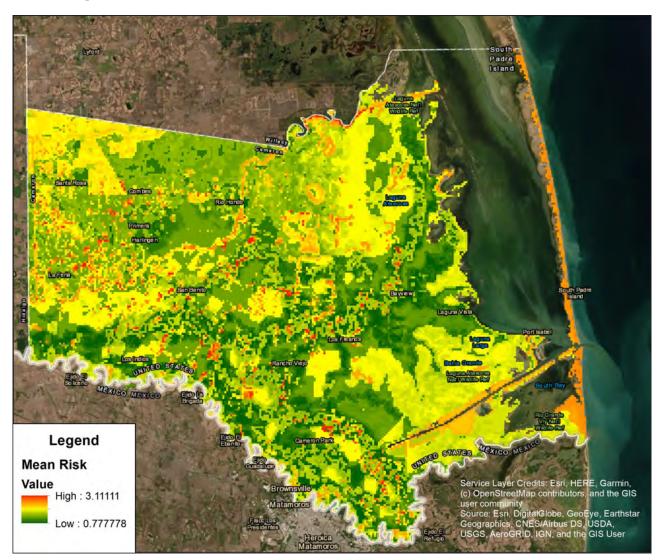


Arroyo Colorado

# GIS-Based Model Assesses OSSF Contamination Risks

#### By Jaime Flores, Alvaro Garcia and Lucas Gregory

On-site sewage facilities (OSSFs) are decentralized wastewater systems that provide effective human wastewater treatment when properly designed, installed, operated and maintained. However, failures of these systems are common when proper operation and maintenance are not performed, or if they were not appropriately designed or installed. The 2017 update to the Arroyo Colorado Watershed Protection Plan (WPP) estimates that over 17,000 OSSFs exist across the watershed, and over 2,500 of these are within approximately 100 yards of the Arroyo Colorado stream network. This close proximity to stream channels increases the risk of system failures, which adversely impact instream water quality through the discharge of bacteria, nutrients and other possible contaminants. In an effort to evaluate potential water quality contamination risks from OSSFs, Alvaro Garcia, a Master of Science student at the University of Texas Rio Grande Valley, developed a geographic information system (GIS) based model for Cameron County to assess risk potential using an approach similar to other OSSF risk evaluations. To develop this model, he collaborated with the Cameron County Public Health Department, Texas A&M AgriLife Extension and Texas Water Resources Institute to acquire available OSSF information about location, age and lot size. This information was combined in the GIS with environmental factors that can affect OSSF performance including soil type, land slope, floodplain locations, surface water proximity, drinking water supply proximity and groundwater recharge areas. (continued on page 5)



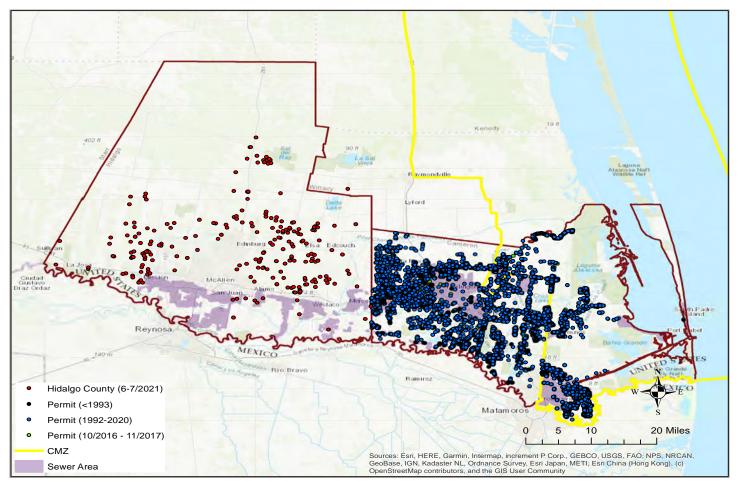
GIS Model generated map visualizing the contamination risk to surrounding water bodies.

# Know it. Respect it. Enjoy it.



(continued from page 4) To estimate potential water quality risks from OSSFs, numeric risk factors were assigned to OSSF characteristics and environmental factors based on their potential to adversely affect OSSF function. These risk factors were combined into a cumulative contamination risk for surrounding areas and their receiving waterbodies, and the contamination risk was visualized on a GIS for Cameron County. While this assessment does not present actual risks to the environment or the human population from failing OSSFs, it does illustrate what portions of the evaluated area have potentially greater risk based on known information. In the color-coded figure below, red represents the highest potential risk, while green represents the lowest risk. This assessment is not a substitute for onsite inspections to truly assess the functionality of an OSSF, but it can identify areas in the study area where the potential is highest and aid in prioritizing where these types of assessments should be done first.

This assessment was done as an implementation activity for the Arroyo Colorado WPP update and uses information gathered and included in an OSSF inventory and database to prioritize areas in the watershed for future activity. This assessment was conducted with funding from the Texas Commission on Environmental Quality and the U.S. Environmental Protection Agency through the Clean Water Act Section 319(h) Nonpoint Source Grant Program. Risk assessment models such as this one can help guide policy and future development within an area. It can also designate high priority areas that are in need of a centralized sewer system.



OSSF GIS map for Hidalgo and Cameron counties and the Coastal Zone.



Arroyo Colorado

(continued from page 1) Instructions for soil sampling and sample bags can be picked up at the Hidalgo, Cameron, and Willacy County AgriLife Extension offices, the Texas State Soil and Water Conservation Board (TSSWCB) Harlingen regional office, or U.S. Department of Agriculture (USDA) service centers in those three counties. Once soil samples are collected, they can be dropped off at those same locations for shipping to the Soil, Water and Forage Testing Laboratory at Texas A&M University in College Station. Test results will be sent directly to growers via the email address provided on the sample form.

This soil testing campaign is funded by a State Nonpoint Source Grant from the Texas State Soil and Water Conservation Board. Samples will be accepted and analyzed free of charge for agricultural producers from now until the spring of 2023 or until grant funds are expended.

To learn more about the soil testing campaign, please contact Mr. Jaime Flores at: jjflores@ag.tamu.edu or your local Texas A&M AgriLife Extension, USDA Natural Resources Conservation Service, and TSSWCB offices at:

#### **Cameron County Extension office**

1390 W Expressway 83 San Benito, TX 78586-7633 (956) 361-8236, cameron-tx@tamu.edu

Hidalgo County Extension office 410 N 13th Avenue Edinburg, TX 78541-3582 (956) 383-1026, hidalgo-tx@tamu.edu

Willacy County Extension office 170 N 3rd Street Raymondville, TX 78580-1940 (956) 689-2412, willacy-tx@tamu.edu

#### **District 12 Extension office**

2401 East Highway 83 Weslaco, TX 78596-8344 (956) 968-5581, d12south@ag.tamu.edu

#### **Cameron County USDA NRCS office**

2315 W Expressway 83 # 103, San Benito, TX 78586 (956) 399-2522

Hidalgo County USDA NRCS office 2514 S Veterans Boulevard, Edinburg, TX 78539 (956) 381-0916

Willacy County USDA NRCS office 255 FM Road 3168, Ste 2 Raymondville, TX 78580-3608

#### TSSWCB office

Phone: 956-689-2542

1824 W Jefferson Avenue STE A, Harlingen, TX 78550 (956) 421-5841



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#### The Arroyo Colorado Watershed Partnership

Texas Water Resources Institute 2401 E. Hwy 83 • Weslaco, Tx 78596 Phone: 956.903.1199 www.arroyocolorado.org





jjflores@ag.tamu.edu 6

#### CAMERON COUNTY DRAINAGE DISTRICT #3 26041 F.M. 510 SAN BENITO, TEXAS 78586 (956) 399-7637

**Safety Meeting** 

#### 4/28/2022

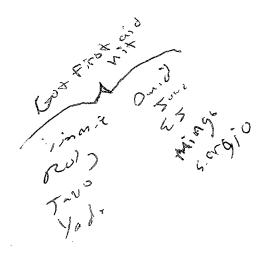
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#### **EMPLOYEE**

- 1. ALVARADO, TOMAS
- 2. ALVARADO, JASON
- 3. ARAIZA, JOSE
- 4. CHAVEZ, JESSE
- 5. CRUZ, MAURICIO
- 6. DICKENS, ANDREW
- 7. FLORES, ELISEO
- 8. GUERRA, MARTIN
- 9. GARCIA, RAMON
- 10. GARCIA, ARNULFO
- 11. GARCIA, HECTOR
- 12. GARCIA, FELIX
- 13. MORENO, RAMIRO
- 14. ORTEGA, FREDDIE
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- 26. RODRIGUEZ, JUAN M.
- 21. RODRIGUEZ, JESUS
- 22. SANCHEZ, JOSE O.
- 23. SOLORIO, NELDA
- 24. STRUNK, DANIEL
- 25. TREVINO, LUCINDA
- 26. YBARRA, DAVID



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Sonia Lambert - General Manager

**Safety Meeting** Warehouse Topic: 7 Ways to Beat the Heat Office Topic: Office Injury Prevention

1. Alvarado, Tomas

7/21/22

- 2. Alvarado, Jason
- 3. Araiza, Jose
- 4. Chavez, Jesse
- 5. Cruz, Mauricio
- 6. Dickens, Andrew
- Diaz, Douglas 7.
- 8. Flores, Eliseo
- 9. Guerra, Martin
- 10. Garcia, Ramon
- 11. Garcia, Arnulfo
- 12. Garcia, Hector

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- 13. Garcia, Felix
- 14. Moreno, Ramiro
- 15. Ortega, Freddie
- 16. Ortega, Rodolfo
- 17. Ramirez, Servando
- 18. Ramirez, Tony
- 19. Reyes, Rey
- 20. Rodriguez, Noe
- 21. Rodriguez, Juan M.
- 22. Rodriguez, Jesus

23. Sanchez, Jose O.

24. Solorio, Nelda



Sonia Lambert - General Manager

25. Strunk, Daniel 26. Trevino, Lucinda 27. Ybarra, David



Sonia Lambert - General Manager

# **Safety Meeting** · Warehouse Topic: Back Safety **Office Topic: Back Safety** 1. Alvarado, Tomas 2. Alvarado, Jason 3. Araiza, Jose 4. Chavez, Jesse maler o'a 5. Cruz, Mauricio 6. Dickens, Andrew Diaz, Douglas 8. Flores, Eliseo sres 9. Guerra, Martin 10. Garcia, Ramon 11. Garcia, Arnulfo HERER 12. Garcia, Hector

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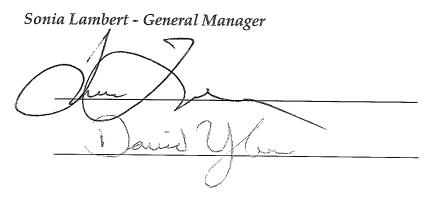
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- 21. Rodriguez, Juan M.
- 22. Rodriguez, Jesus
- 23. Sanchez, Jose O.
- 24. Solorio, Nelda





25. Trevino, Lucinda

26. Ybarra, David



Sonia Lambert - General Manager

Safety Meeting Warehouse Topic: Protect Your Hands: Pinch Points Office Topic: Office Injury Prevention

1. Alvarado, Tomas

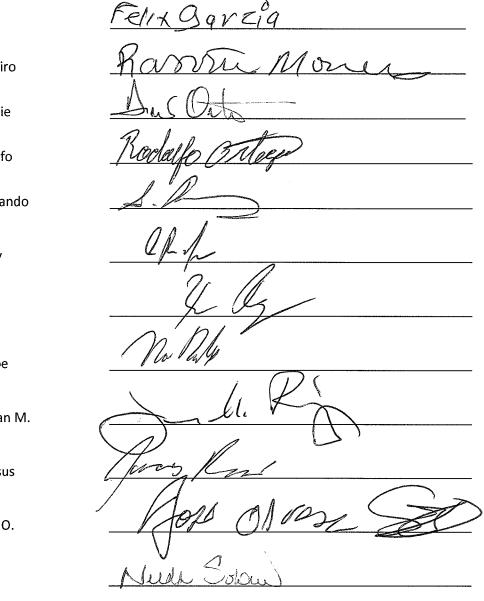
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- 2. Alvarado, Jason
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- 4. Chavez, Jesse
- 5. Cruz, Mauricio
- 6. Dickens, Andrew
- 7. Diaz, Douglas
- 8. Flores, Eliseo
- 9. Guerra, Martin
- 10. Garcia, Ramon
- 11. Garcia, Arnulfo
- 12. Garcia, Hector

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