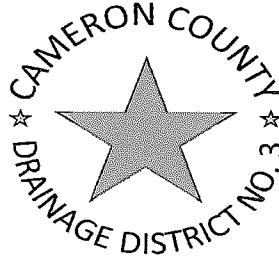


CAMERON COUNTY DRAINAGE DISTRICT

No. THREE



Sonia Lambert - General Manager

April 20, 2020

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 1. The reporting period's beginning 12/13/2018 and ending 1/23/2020.

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 Harlingen, Texas.

Sincerely,

Sonia Lambert
General Manager

26041 FM 510
San Benito, Texas 78586
Board of Directors
Randy McMurray-Secretary

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):__1__

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) _12/13/2018_____

Reporting period end date: (month/date/year) _1/23/2020_____

MS4 Operator Level: __2__ Name of MS4: Cameron County Drainage District #3

Contact Name: _Sonia Lambert_____ Telephone Number: __956-399-7637__

Mailing Address: _P.O. Box 937, San Benito, TX 78586_____

E-mail Address: _ccid2@swbell.net_____

A copy of the annual report was submitted to the TCEQ 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.	X		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
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		Annual review of SWMP conducted with preparation of report

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

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
		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**):

MCM	BMP	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

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

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
		See 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.

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.

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

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.

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

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

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 and the City of San Benito to reduce pollutants entering the Arroyo Colorado through a CCDD#3 outfall. Through three 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.

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, 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)	BMP	Stormwater Activity	Description/Comments
			See attachment E

F. SWMP Modifications

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

☒X___Yes___No

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

___Yes___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.).

G. Additional BMPs for TMDLs and I-Plans

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

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

H. Additional Information

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

☒ Yes ☐ No

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

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 ☒ 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):

16

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

☒ Yes ☐ No

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

The number of municipal construction activities authorized under this general permit	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

Signature:  Date: April 20, 2020

Name of MS4 Cameron County Drainage District #3

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 _____

Cameron County Drainage District #3
B. Narrative Provisions, 2 - BMP Assessment
Year 1

MCM(s) BMP

MCM 1 - Public Education & Outreach

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

Website development	Yes. Communicates with the public, involve public in solutions, and encourage pollution prevention and reporting. The District developed a website during the reporting period. It became operational on April 14, 2020. Please visit us at www.CCDD3.org .
Publish public information on website	Yes. Will communicate with the public, involve public in solutions, and encourage pollution prevention and reporting. The District's SWMP and NOI are published on the site.
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 inspected.
Distribute educational materials	Yes. Communicate with the public and involve public in solutions. Encourages pollution prevention and reporting. Distributed ACWP newsletters 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. Sixteen reviews were performed and each applicant received educational materials.
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.
Public notices	Yes. Involves public in solution. Encourages pollution prevention and reporting. The District followed state regulations for public meeting notices.
Distribute community involvement event information	Yes. Involves public in solution. Encourages pollution prevention and reporting.
Public comments to Board	Yes. Involves public in solution. Encourages pollution prevention and reporting. A public comment section was included in every regular agenda, however, no MS4 comments were received.

MCM 2 - Illicit Discharge Detection and Elimination (IDDE)

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 inspected.
GIS mapping updates and improvements	Yes. Ensures proper tracking and maintenance of MS4. The District updated maps of drainages, controls, illegal dumping, and other information as activities were accomplished.
Train MS4 field personnel to identify and track illicit discharges	Yes. Ensures proper tracking and maintenance of MS4. Quarterly trainings at staff meetings.
Facilitate public reporting	Yes. Involves public in solution. Encourages pollution prevention and reporting. The District provides and advertises a reporting hotline.
Provide public access to SWMP and other MS4 records	Yes. Informs and engages the public. These records are available at the District office and on our website.
Outfall inspection and screening	Yes. Effective in detecting pollutant discharge. 100% of outfalls 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.
Source investigation and elimination - Prioritize investigation of discharges	Yes. Effective in the process of eliminating pollutant discharge. The District prioritizes each report for investigation and elimination.
Source investigation and elimination - Report immediate threats to TCEQ immediately	Yes. Important to public health and safety. No immediate threats were reported.
Source investigation and elimination - Exert enforcement authority when District has operational control	Yes. Effective in the preventing pollutant discharge. As a non-traditional small Phase II MS4, the District has control over its own facilities, actions, and staff. No internal enforcement was required during the reporting period.
Source investigation and elimination - Perform inspections and exert enforcement authority to the MEP	Yes. Effective in detecting pollutant discharge. Inspections are performed as part of regular maintenance on 100% of the MS4 drainages and outfalls.
Source investigation and elimination - Enter into interlocal agreements for inspections and enforcement	Yes. Effective in the process of eliminating pollutant discharge. Informal agreements and partnerships have worked in the past for inspections and enforcement. Interlocal agreements are being drafted with municipalities that are MS4s within the District.
Source investigation and elimination - Report illicit discharges to appropriate entity	Yes. Reporting leads to the effective process of eliminating pollutant discharge. The District reports illicit discharges to Cameron County law enforcement.
Source investigation and elimination - Track and document investigations	Yes. Tracking and documenting leads to the effective process of eliminating pollutant discharge and discouraging future discharges. Reports are documented and tracked.
Source investigation and elimination - Notify parties responsible for illicit discharges and perform follow-up inspections	Yes. Notifications and follow-ups are effective in the process of eliminating pollutant discharge and discouraging future discharge. Notifications and follow-up inspections are made by law enforcement and the District.
Source investigation and elimination - Install cable gates	Yes. Physical barriers are effective in the process of eliminating future pollutant discharge. The District has a total of sixteen cable gates protecting areas of high illegal dumping activity.
Source investigation and elimination - Remove and properly dispose of illegally dumped materials	Yes. Removal and proper disposal eliminates pollutant discharge. The District removed and properly disposed of 21.8 tons of illegally dumped materials as part of regular maintenance of the MS4 drainages, controls, and outfalls.
Bacteria control - Septic system and/or gray water discharge detection and elimination	Yes. Effective in the process of eliminating pollutant discharge. No septic system and or graywater discharge was detected in the reporting period.
Bacteria control - Sanitary sewer leak detection and elimination	Yes. Effective in the process of eliminating pollutant discharge. No sanitary sewer leaks were detected in the reporting period.
Address Legacy Pollutants	Yes. There is a TMDL for the Arroyo Colorado regarding Legacy Pollutants. TCEQ monitors for these banned pollutants and will notify the District if they are found.

MCM 3 - Construction Site Stormwater Runoff Control

Interlocal agreements	Yes. Effective in the process of eliminating pollutant discharge. Informal agreements and partnerships have worked in the past for inspections and enforcement. Interlocal agreements are being drafted with municipalities that are MS4s within the District.
Ensure permit compliance	Yes. Effective in preventing pollutant discharge, but CCDD#3 had no construction projects during the reporting period.
Site inspections	Yes. Effective in preventing pollutant discharge, but CCDD#3 had no construction projects during the reporting period.

Update plat review procedures	Yes. Effective in preventing pollutant discharge by communicating with plat review applicants. CCDD#3 reviews plat review procedures for any necessary updates. No updates were necessary during the reporting period. Sixteen applicants received information on plat review procedures and stormwater quality.
Public reporting	Yes. Involves public in solution. Encourages pollution prevention and reporting. The District received no construction site stormwater runoff control reports from the public during the reporting period.
MS4 personnel training	Yes. Ensures proper tracking and maintenance of MS4. Quarterly trainings at staff meetings.

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

Interlocal agreements	Yes. Effective in the process of eliminating pollutant discharge. Informal agreements and partnerships have worked in the past for inspections and enforcement. Interlocal agreements are being drafted with municipalities that are MS4s within the District.
Ensure permit compliance	Yes. Effective in preventing pollutant discharge, but CCDD#3 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

Inventory facilities and controls	Yes. Ensures proper tracking and maintenance of MS4. With a dedicated GIS specialist, CCDD#3 maintains a detailed map and inventory of all facilities and controls, along with other mapping information.
Inspect and maintain drainages	Yes. Effective in detecting and removing pollutant discharge. 100% of drainages are inspected and maintained each year as part of regular maintenance.
Clean District catch basins	Yes. Effective in detecting and removing pollutant discharge. 100% of catch basins are inspected and maintained each year as part of regular maintenance.
Investigation	Yes. Effective in preventing future pollutant discharge. Reports of illegal dumping are reported to Cameron County law enforcement. Additional illegally dumped materials are inspected by District employees and removed for proper disposal.
Illegal dumping disposal	Yes. Eliminates pollutants and prevents future pollutant discharge. Illegally dumped materials are removed for proper disposal as part of regular MS4 drainage maintenance. 21.8 tons were removed and properly disposed of during the reporting period.
Physical barriers to illegal dumping	Yes. Effective in preventing pollutant discharge. Nine additional cable gates were installed during the reporting period for a total of sixteen cable gates protecting areas of high illegal dumping.
Contractor compliance with stormwater control measures	Yes. Effective in preventing pollutant discharge. No construction, development, or redevelopment contractors were hired during the reporting period.

Operations assessment for potential discharge and prevention	Yes. Effective in preventing pollutant discharge. Operations are reviewed annually or more often as needed. No changes have been made during the reporting period. In Year 2 we plan to replace a spill containment gate in the maintenance area.
Proper use of herbicides and pesticides	Yes. Prevents chemical runoff. The District is not currently using herbicides or pesticides.
Parking lot maintenance	Yes. Effective in preventing pollutant discharge. The District's parking lot was resurfaced two years ago and drains into 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.
Vehicle maintenance	Yes. Prevents leaks to prevent pollutant discharge. District vehicles are maintained on a regular schedule.
Disposal of waste material	Yes. Effective in preventing pollutant discharge. The District continues to properly dispose of waste materials.
Recycling program	Yes. Removes potential pollutants from waste stream. The District recycles used oil, oil filters, metals, and office paper. During the reporting period, 476 pounds of office paper was recycled. Used oil, oil filters, and metals are stored properly until sufficient quantities are ready for recycling.
Check for fuel leaks	Yes. Prevents leaks to prevent pollutant discharge. District staff checks for fuel leaks as part of regular facilities maintenance.
Check 303(d) list	Yes. Ensures the use of BMPs to protect all impaired surface waters. The list was reviewed and no new impairments have been listed.
Review and update SWMP	Yes. Ensures the use of effective BMPs. The SWMP was reviewed during the development of this annual report. No updates are required.
Maintain structural controls	Yes. Effective in preventing pollutant discharge. 100% of structural controls are inspected and maintained as part of regular, annual MS4 drainage maintenance.
MS4 personnel training	Yes. Ensures proper tracking and maintenance of MS4. Quarterly trainings at staff meetings.

MCM 6 - Industrial Stormwater Sources

Not applicable to Level 2 MS4 Operators	N/A
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MCM 7 - Authorization for Construction Activities where the Small MS4 is the Site Operator

Develop a SWP3	Yes. Effective in preventing pollutant discharge from District construction sites. No construction this reporting period.
Compliance with TCEQ regulations	Yes. Effective in preventing pollutant discharge from District construction sites. No construction this reporting period.
Maintain oversight and control	Yes. Effective in preventing pollutant discharge from District construction sites. No construction this reporting period.
Inspect construction sites	Yes. Effective in preventing pollutant discharge from District 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 1 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 1

BMP	Information Used	Quantity	Units	Does BMP demonstrate a direct reduction in pollutants? (Answer Yes or No and explain)
MCM 1 - Public Education & Outreach				
Website development	website	1	website	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Publish public information on website	website	1	website	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Storm drain stenciling	storm drains	7	inspections	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Bumper stickers	vehicles	8	inspections	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Distribute educational materials	brochures & newsletters	200	brochures & newsletter	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Distribute educational materials to applicants to the District for a Subdivision Plat Review	materials	16	Plat reviews	No. Though this BMP does not result in a direct reduction of pollutants, educating subdivision plat review applicants (owners, operators, etc.) will eventually result in pollution reduction.
Support and collaborate with the ACWP and ACC - education	ACWP & ACC information	5	educational presentations	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Public notices	state requirements	12	notices	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Distribute community involvement event information	community information	3	community events	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Public comments to Board	meeting agendas & minutes	12	comments	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.

MCM 2 - Illicit Discharge Detection and Elimination (IDDE)

Storm drain stenciling	storm drains	7	inspections	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
Bumper stickers	vehicles	8	inspections	No. Though this BMP does not result in a direct reduction of pollutants, educating and involving citizens will eventually result in pollution reduction.
GIS mapping updates and improvements	map	1	GIS map	No. Though this BMP does not result in a direct reduction of pollutants, mapping assists in tracking discharges and areas of potential detection.
Train MS4 field personnel to identify and track illicit discharges	staff	4	trainings	No. Though this BMP does not result in a direct reduction of pollutants, knowledgeable staff are effective in detecting and eliminating discharges.
Facilitate public reporting	public outreach	60	reports	Yes. When illicit discharges are reported, investigation and elimination follows.
Provide public access to SWMP and other MS4 records	availability	1	access	No. Though this BMP does not result in a direct reduction of pollutants, an informed public is more likely to report illicit discharges.
Outfall inspection and screening	outfalls	23	inspections	Yes. By inspecting outfalls, we can evaluate if illicit discharges are occurring.
Procedures for illicit discharge & spill response	procedures	1	response	No. Though this BMP does not result in a direct reduction of pollutants, it describes the response for investigation and elimination.

Source investigation and elimination - Prioritize investigation of discharges	reports	60	investigations	No. Though this BMP does not result in a direct reduction of pollutants, it determines the severity and response to each report.
Source investigation and elimination - Report immediate threats to TCEQ immediately	reports	0	investigations	No. Though this BMP does not result in a direct reduction of pollutants, it assists in eliminating immediate threats.
Source investigation and elimination - Exert enforcement authority when District has operational control	sites	0	investigations	Yes. Through enforcement when the District has authority, we can prevent discharge and erosion.
Source investigation and elimination - Perform inspections and exert enforcement authority to the MEP	sites	0	investigations	Yes. Through enforcement when the District has authority, we can prevent discharge and erosion.
Source investigation and elimination - Enter into interlocal agreements for inspections and enforcement	MS4s with enforcement authority within District	3	agreements	Yes. Through enforcement by those with authority when the District has none, we can prevent discharge and erosion.
Source investigation and elimination - Report illicit discharges to appropriate entity	reports	60	investigations	Yes. When the illicit discharges are detected, immediate action can be taken to remove the pollutant and track the source.
Source investigation and elimination - Track and document investigations	reports	60	investigations	Yes. When the illicit discharges are detected, immediate action can be taken to remove the pollutant and track the source.
Source investigation and elimination - Notify parties responsible for illicit discharges and perform follow-up inspections	reports	60	investigations	Yes. When the illicit discharges are detected, immediate action can be taken to remove the pollutant and track the source.
Source investigation and elimination - Install cable gates	illegal dump sites	9	gates	Yes. Less new illegally dumped material likely in locations with more difficult access.
Source investigation and elimination - Remove and properly dispose of illegally dumped materials	illegal dump sites	21.8	tons	Yes. The District relies on our partnership with Cameron County to remove illegally dumped materials. Illegally dumped materials are also removed and properly disposed of during regular ditch and catch basin maintenance. New dumping is less likely at clean sites.
Bacteria control - Septic system and/or gray water discharge detection and elimination	septic system & gray water discharges	0	incidents	Yes. When the illicit discharges are detected, immediate action can be taken to remove the pollutant and track the source.
Bacteria control - Sanitary sewer leak detection and elimination	sanitary sewer leaks	0	incidents	Yes. When the illicit discharges are detected, immediate action can be taken to remove the pollutant and track the source.
Address Legacy Pollutants	reports from TCEQ	0	Legacy Pollutants	Yes. If TCEQ monitoring identifies a Legacy Pollutant, immediate action can be taken to remove the pollutant and track the source.

MCM 3 - Construction Site Stormwater Runoff Control

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

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

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

MCM 5 - Pollution Prevention and Good Housekeeping for Municipal Operations

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 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.
Illegal dumping disposal	Illegal dumping	100%	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	1	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	27	maintenance	Yes. Proper vehicle maintenance reduces the chance of leaks and discharges. Includes trucks, heavy equipment, mowers.
Disposal of waste material	waste disposal receipts	21.8	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	476	pounds	Yes. Pollution is prevented when used oil, oil filters, metals, and office paper are removed from the waste stream through recycling.

Check for fuel leaks	facilities	1	inspections	Yes. Proper facilities maintenance reduces the chance of leaks and discharges.
Check 303(d) list	303(d) list	1	review	No. Though this BMP does not result in a direct 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 impaired water body.
Review and update SWMP	SWMP	1	review	No. Though this BMP does not result in a direct 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 impaired water body.
Maintain structural controls	structural controls	100%	maintenance	Yes. Prevents pollutant discharges from entering MS4.
MS4 personnel training	staff	4	trainings	No. Though this BMP does not result in a direct reduction of pollutants, knowledgeable staff are 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

Develop a SWP3	construction activity	0	site	Yes, however, there were no District construction projects during reporting period.
Compliance with TCEQ regulations	construction activity	0	site	Yes, however, there were no District construction projects during reporting period.
Maintain oversight and control	construction activity	0	site	Yes, however, there were no District construction projects during reporting period.
Inspect construction sites	construction activity	0	site	Yes, however, there were no District construction 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 1

Measurable Goal

Success

MCM 1 - Public Education & Outreach

Develop a District website and publish this SWMP, annual reports, any other required materials, District contact information, and links to other relevant sites	Goal met. Website was developed during the reporting year and became operational online on April 14, 2020. Please visit us at www.CCDD3.org .
Publish this SWMP, annual reports, any other required materials, District contact information, and links to other relevant sites	Goal met. Website was developed during the reporting year and became operational online on April 14, 2020.
Inspect existing stencils and add new stencils to new outfalls	Goal met. 100% of existing stencils were inspected, and did not require re-painting. 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 annually, and add stickers on 100% of new equipment	Goal met. 100% of existing bumper stickers were inspected and did not require replacement. No new equipment was added so no new bumper stickers were needed.
Order 200 ACWP newsletters and 200 stormwater brochures for distribution, record number of brochures distributed through office contacts and outreach opportunities, with an emphasis on developers, contractors, businesses, and industry requesting plat reviews	Goal met. Over 200 visitors to the CCDD#3 office and participants in educational programs and outreach events received the ACWP newsletter and stormwater information, including every (16) plat review applicant.
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, in part. While the website was not available, plat review applicants were given information on the procedures and requirements. The information will be posted on our website.
Support ACWP and ACC to provide classroom presentations, distribute stormwater quality materials, and perform community outreach	Goal met. CCDD#3 is a sponsor and partner of the ACWP education and outreach programs, including classroom presentations, event appearances, public involvement activities, distribution of newsletters and other materials, media outreach, and coastal water quality implementation (San Benito Wetlands at a CDD#3 outfall). The District participates in the implementation of the Update to the Arroyo Colorado Watershed Protection Plan accepted by the US EPA in late 2017. See attached documentation.
Comply with all state and local public notice requirements	Goal met, in part. While the website was not available, meeting notices were publicized in compliance with state regulations. The SWMP has not yet been approved by TCEQ, and we are awaiting notification by the state. The SWMP, this report, and any other necessary information will be posted on our website.
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 public involvement events taking place in cities and communities within the District	Goal met in part. The District's website was not online until April 14, 2020. During the reporting period CCDD#3 participated in and promoted the LRGVDC tire clean-up events, a San Benito/ACWP tree planting event at the San Benito Wetlands adjacent to a CCDD#3 ditch and outfall, and community litter clean-up.
Make this SWMP, NOI, updates, and annual reports available to the public	Goal met. These documents are available to the public during office hours at the CCDD#3 office. They are also available on our website.

MCM 2 - Illicit Discharge Detection and Elimination (IDDE)

Inspect existing stencils and add new stencils to new outfalls	Goal met. 100% of existing stencils were inspected, and did not require re-painting. 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 annually, and add stickers on 100% of new equipment	Goal met. 100% of existing bumper stickers were inspected and did not require replacement. No new equipment was added so no new bumper stickers were needed.

Review and update mapping of ditches, outfalls, surface waters receiving discharges, illicit discharge investigations, and other features	Goal met. A dedicated GIS Technician has increased GIS mapping information capacity. Maps are updated as infrastructure is added or new information is available. Work orders are connected to the to GIS system. CCDD#3 is connected to the Cameron County 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, in part. A copy of each is available at the District's office. The information is 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 procedures maintained and followed.
Prioritize investigation of discharges	Goal met. All 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.
Enter into interlocal agreements for inspections and enforcement	Goal not met. Informal agreements and traditional partnerships are currently still in use and effective for inspections, enforcement, debris removal, and more. The District is working to enter into interlocal agreements with Cameron County and cities within the CCDD#3. Each of these municipalities is within or partially within the District and each has enforcement authority within their jurisdiction. Interlocal agreements will be in place by May 22, 2020 or an NOC will be submitted.
Report illicit discharges to appropriate entity	Goal met. Illegal dumping reported to County. No other illicit discharges detected
Track and document investigations	Goal met. All reported discharges were tracked and documented.
Notify parties responsible for illicit discharges and perform follow-up inspections	Goal met. Cameron County, with the authority and capacity to investigate crime, notified those parties that were discovered and performed follow-up contacts.
Install cable gates	Goal met. We are working with landowners to install gates and limit access to historic dump sites. Nine new cable gates were installed for a new total of sixteen gates.
Remove and properly dispose of illegally dumped materials	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 responsible party. Locations that are cleaned often have new dumping the next day. We continue to work with the County, the Lower Rio Grande Valley Development Council, and others to reduce the problem. Tonnage of illegally dumped materials removed, including tires, was 21.8 tons during the reporting period.
Septic system and/or gray water discharge detection and elimination	Goal met. None detected.
Sanitary sewer leak detection and elimination	Goal met. None detected.
Report Legacy Pollutants to TCEQ and continue to rely on TCEQ monitoring	Goal met. TCEQ has not notified CCDD#3 of any detection.

MCM 3 - Construction Site Stormwater Runoff Control

Enter into interlocal agreements for inspections and enforcement	Goal not met. Informal agreements and traditional partnerships are currently still in use and effective for inspections, enforcement, debris removal, and more. The District is working to enter into interlocal agreements with Cameron County and cities within the CCDD#3. Each of these municipalities is within or partially within the District and each has enforcement authority within their jurisdiction. Interlocal agreements will be in place by May 22, 2020 or an NOC will be submitted.
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 16 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

Enter into interlocal agreements for inspections and enforcement	Goal not met. Informal agreements and traditional partnerships are currently still in use and effective for inspections, enforcement, debris removal, and more. The District is working to enter into interlocal agreements with Cameron County and cities within the CCDD#3. Each of these municipalities is within or partially within the District and each has enforcement authority within their jurisdiction. Interlocal agreements will be in place by May 22, 2020 or an NOC will be submitted.
Ensure compliance and maintenance at new development and redevelopment sites over which the District has control	Goal met. No District development or redevelopment sites.
Ensure long-term operation and maintenance of structural stormwater control measures installed by the District	Goal met. 100% of structural stormwater control measures inspected and maintained annually.
Document and maintain records of enforcement actions	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.
Investigate and report 100% of illegal dumping incidents	Goal met. Illegal dumping reported to County or removed and properly disposed of during regular drainage maintenance. This is completed by January 23 of each year, but new illegally dumped materials are deposited on a daily basis after a site is investigated and cleaned. Illegal dumping is an epic problem in this region.
Remove and properly dispose of illegally dumped materials	Goal met. Illegal dumping reported to County or removed and properly disposed of during regular drainage maintenance. This is completed by January 23 of each year, but new illegally dumped materials are deposited on a daily basis after a site is investigated and cleaned. Illegal dumping is an epic problem in this region.
Install cable gates	Goal met. We are working with landowners to install gates and limit access to historic dump sites. Nine new cable gates were installed for a new total of 16.
Require 100% of contractors to comply with all stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures	Goal met. The District had no construction, development, or redevelopment projects that 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.
Visually inspect District parking lots, remove trash, and sweep annually	Goal met. The parking lot at the CCDD#3 office (public, employee, and maintenance areas) were resurfaced and concrete driveways were constructed two years ago. Parking lots and 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	Goal met. Vehicles inspected daily and maintained on a schedule. Includes trucks, heavy equipment, mowers.

Dispose of District's waste materials properly	Goal met. Waste and illegally dumped materials were removed to a landfill. Used oil, oil filters, metals, and office paper were recycled. In January 2020, the District held a clean-up operation at its facilities to properly dispose of waste materials and to prevent pollutant discharge.
Recycle used oil, used oil filters, metals, paper	Goal met. CCDD#3 recycles used oil, oil filters, metal, and office paper. Office paper was taken to recycling centers. The metals, oil and oil filters are properly stored on-site until sufficient quantity is collected for recycling.
Check for and repair leaks at fueling and storage areas	Goal met. CCDD#3 facilities 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.
Review SWMP annually during preparation of the annual report	Goal met. The SWMP and BMPs were reviewed during the preparation of this report. No changes are needed.
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 1

BMP

Stormwater Activity

Description/Comments

MCM 1 - Public Education & Outreach

Website development	Develop a District website and publish this SWMP, annual reports, any other required materials, District contact information, and links to other relevant sites	Launch website, publish materials
Publish public information on website	Publish this SWMP, annual reports, any other required materials, District contact information, and links to other relevant sites	Launch website, publish materials
Storm drain stenciling	Inspect existing stencils and add new stencils to new outfalls	Inspect, replace if needed, add new stencils where needed
Bumper stickers	Inspect existing bumper stickers, replace annually, and add stickers on 100% of new equipment	Inspect, replace if needed, add new bumper stickers where needed.
Distribute educational materials	Order 200 ACWP newsletters and 200 stormwater brochures for distribution, record number of brochures distributed through office contacts and outreach opportunities, with an emphasis on developers, contractors, businesses, and industry requesting plat reviews	Obtain and distribute stormwater quality educational materials.
Distribute educational materials to applicants to the District for a Subdivision Plat Review	Make Subdivision Plat Review procedures and requirements available on the District's website to applicants, including requirements to obtain all applicable TECQ permits	Launch website, publish materials
Support and collaborate with the ACWP and ACC - education	Support ACWP and ACC to provide classroom presentations, distribute 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
Public comments to Board	Provide a public comment segment in each regular meeting of the Board of Directors, to include comments on the MS4	Continue to provide a public comment segment in each regular Board meeting.
Distribute community involvement event information	On the District's website, publish links to public involvement events taking place in cities and communities within the District	Launch website, publish materials
Publish public MS4 information on website	Make this SWMP, NOI, updates, and annual reports available to the public	Launch website, publish materials

MCM 2 - Illicit Discharge Detection and Elimination (IDDE)

Storm drain stenciling	Inspect existing stencils and add new stencils to new outfalls	Inspect, replace if needed, add new stencils where needed
Bumper stickers	Inspect existing bumper stickers, replace annually, and add stickers on 100% of new equipment	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 track illicit discharges	Discuss IDDE procedures at an employee safety meeting and maintain training program materials and attendance documentation	Hold employee training at quarterly staff meetings
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. Launch website, publish materials
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 by May 22 or submit a NOC.
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, 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 inspections and enforcement	Enter into interlocal agreements for inspections and enforcement with Cameron County and MS4 cities within the District by May 22 or submit a NOC.
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 the District has control	Supervise and inspect construction sites
Update 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	Train MS4 personnel.

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

Interlocal agreements	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 by May 22 or submit a NOC.
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	Ensure long-term operation and maintenance of structural stormwater control measures installed by the District	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

Inventory facilities and controls	Maintain an inventory of District facilities and stormwater controls	Update inventory and maps.
Inspect and maintain drainages	Inspect and maintain 100% of 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 dumping incidents	Inspect, investigate, report, and properly dispose of illegally dumped materials.
Illegal dumping disposal	Remove and properly dispose of illegally dumped materials	Inspect, investigate, report, and properly dispose of illegally dumped materials.
Physical barriers to illegal dumping	Install cable gates	Determine where cable gates are needed and install.
Contractor compliance with stormwater control measures	Require 100% of contractors to comply with all stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures	Continue to supervise contractors and review compliance with stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures
Operations assessment for potential discharge and prevention	Assess District operations activities for potential to discharge pollutants of concern, and develop and implement pollution discharge prevention measures	Review and assess District operations activities for potential to discharge pollutants of concern, and develop and implement pollution discharge prevention measures. In Year 2 we plan to replace a spill containment gate in the maintenance area.
Proper use of herbicides and pesticides	Properly use herbicides and pesticides and maintain records	Follow instructions for use of herbicides and pesticides and maintain records of usage.
Parking lot maintenance	Visually inspect District parking lots, remove trash, and sweep annually	Visually inspect District parking lots, remove trash, and 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	Train MS4 personnel.

MCM 6 - Industrial Stormwater Sources

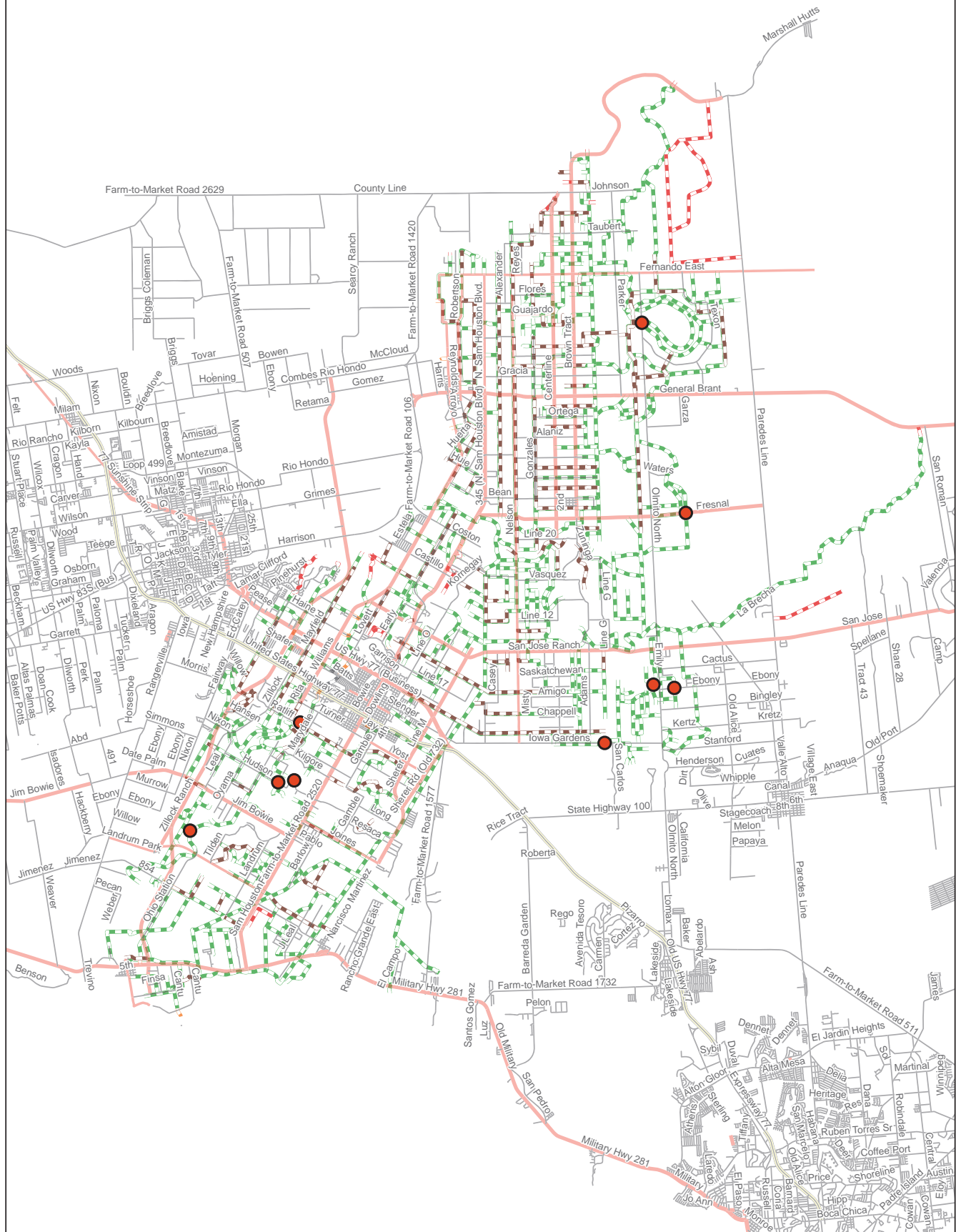
Not applicable to Level 2 MS4 Operators

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 each construction site	Inspect and control each construction site
Inspect construction sites	Conduct inspections for SWP3 elements and compliance	Inspect and control each construction site

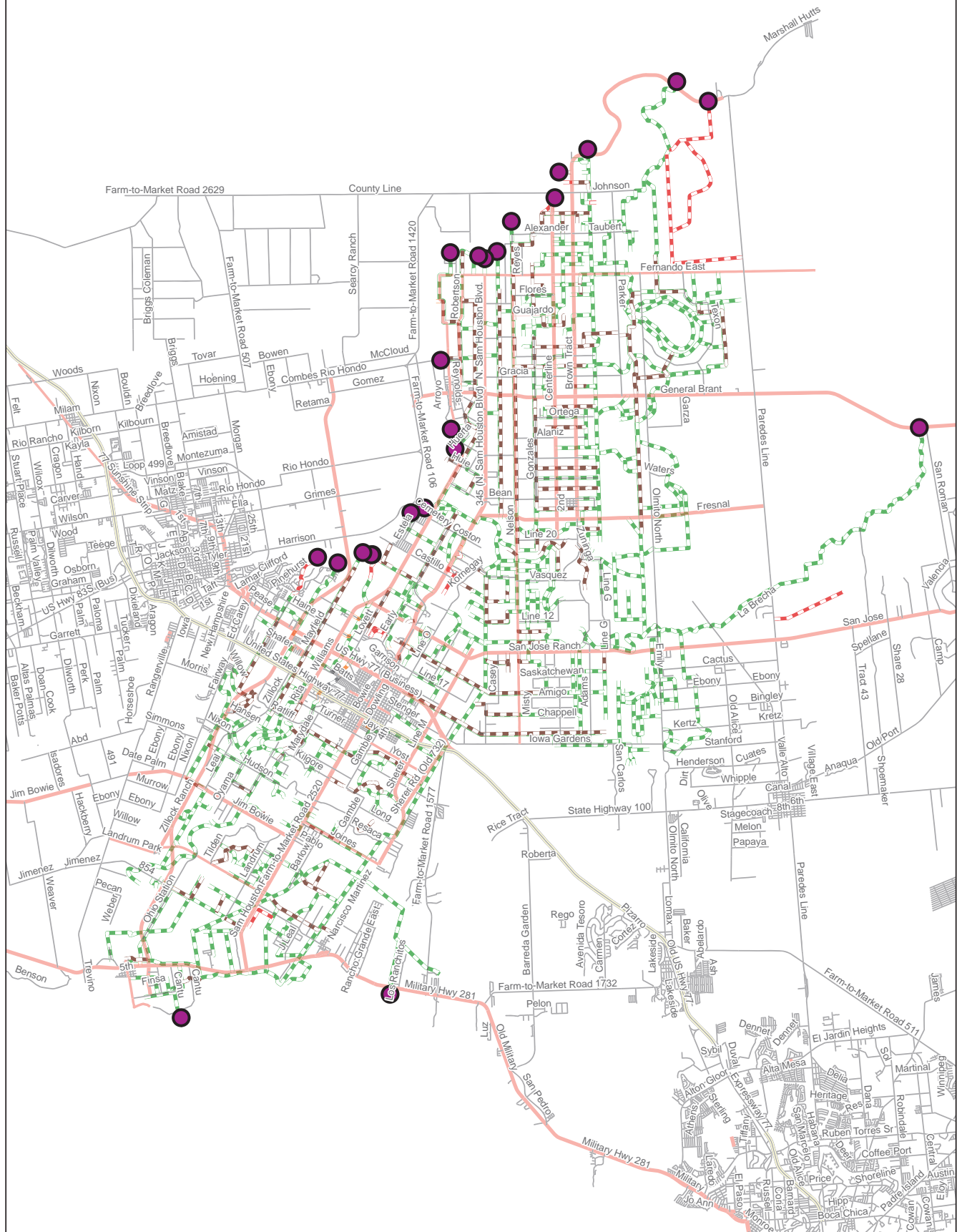
ALL

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



Signs 2019

- Signs 2019
- PIPED DRAIN
- DRAIN DITCH
- LINED DRAIN
- NO MAINT. DITCH
- PROPOSED
- CCID # 2 SEEP



Outfalls 2019

CCDD No. 3

— DRAIN DITCH

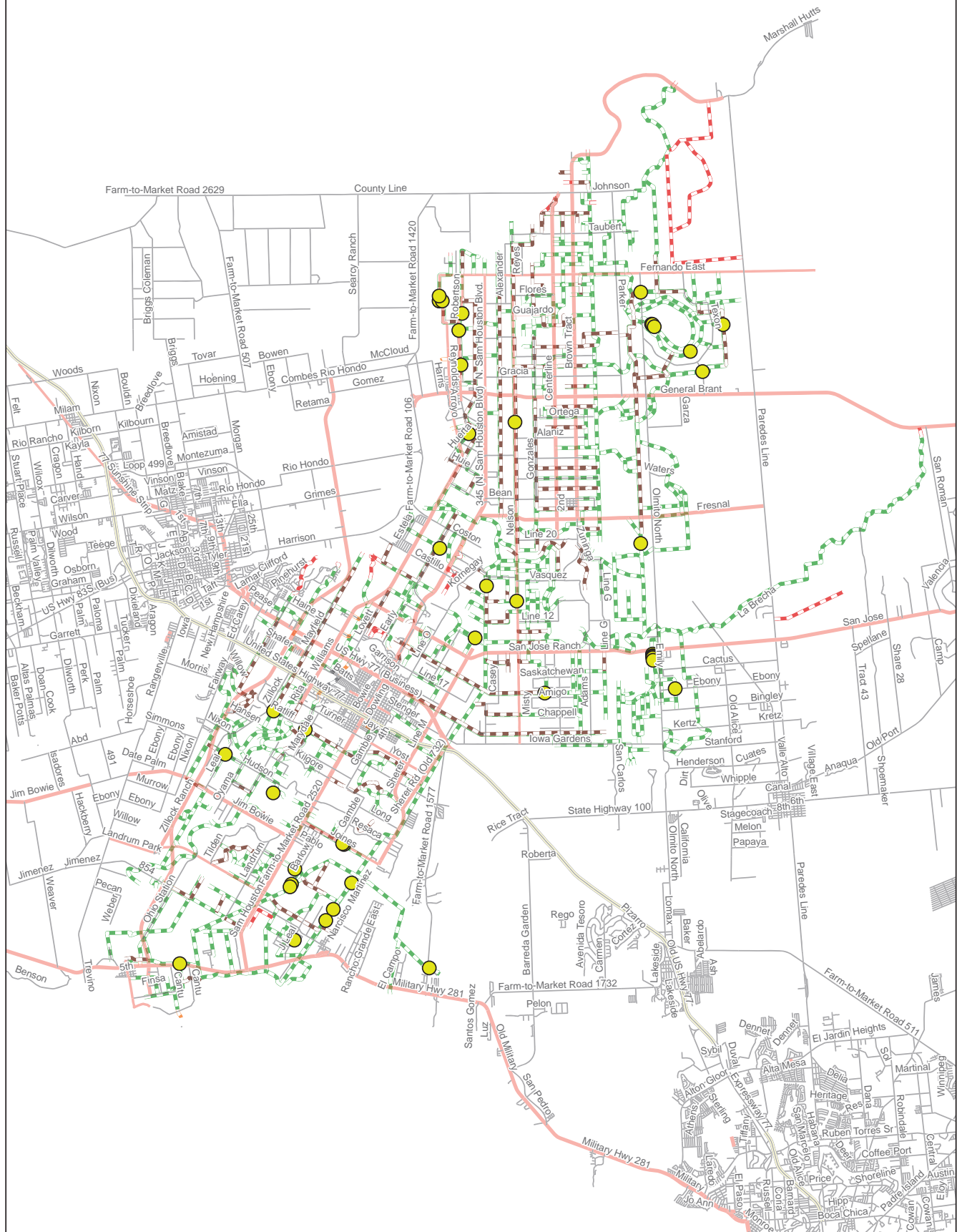
— LINED DRAIN

— NO MAINT. DITCH

— PIPED DRAIN

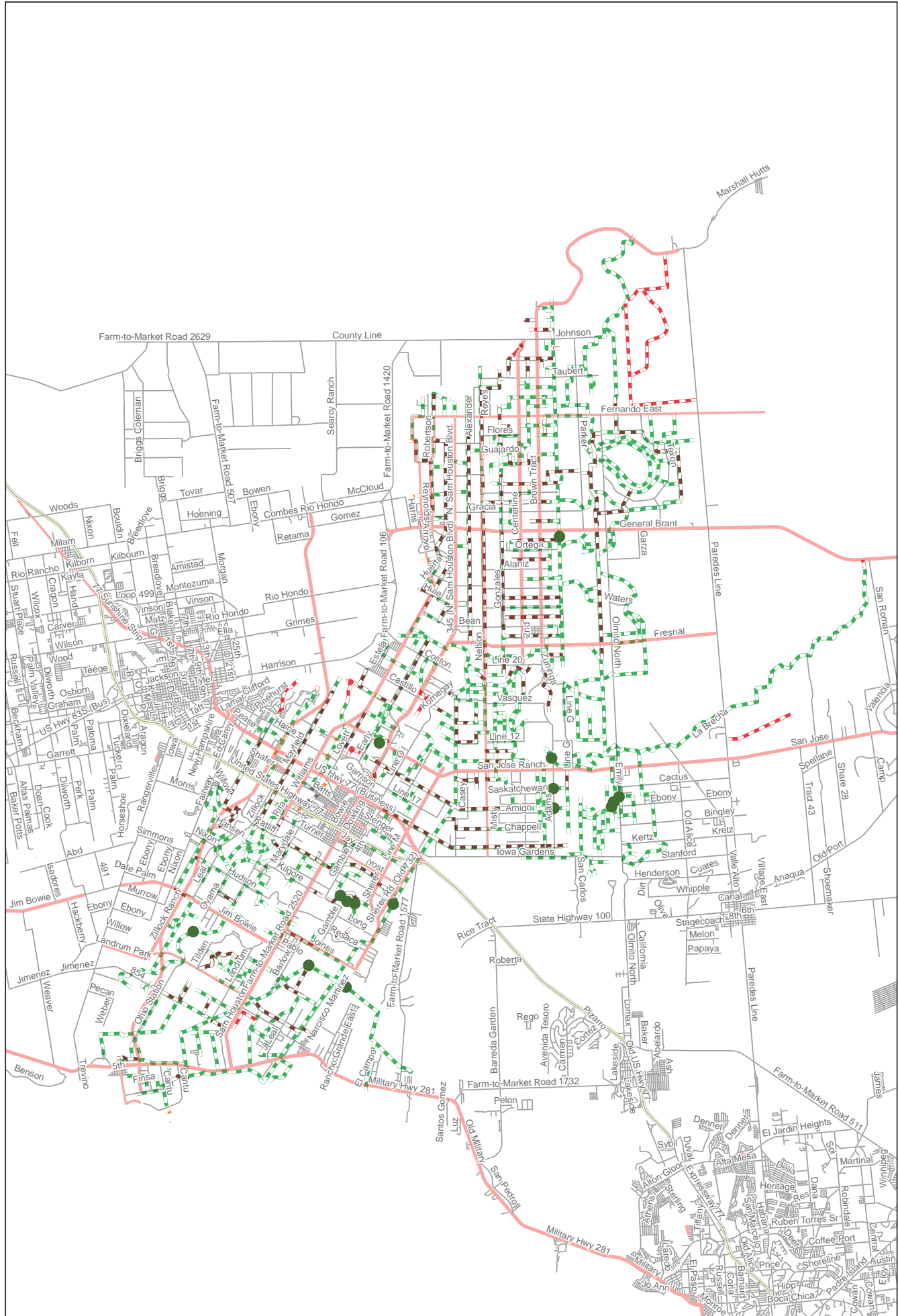
— PROPOSED

— CCID # 2 SEEP



Tires Dumped Illegally 2019

- DRAIN DITCH
- PIPED DRAIN
- LINED DRAIN
- PROPOSED
- NO MAINT. DITCH
- CCID # 2 SEEP



2019 Cable Gate Locations

CCDD No. 3

- DRAIN DITCH
- - - LINED DRAIN
- NO MAINT. DITCH
- - - PROPOSED
- - - CCID # 2 SEEP
- Cable Gates

PIPED DRAIN

Cameron County Drainage District #3



Bumper stickers and storm drain stencils offer an hotline phone number to report illegal dumping



San Benito Wetlands is a project of the Arroyo Colorado Watershed Partnership and the City of San Benito. CCDD#3 participates and the wetlands drain to a CCDD#3 ditch prior to outfalling into the Arroyo Colorado. Volunteer events, such as a native habitat restoration, promote storm-water quality.

Educational Program Contact Tracker - Arroyo Colorado Watershed Partnership

Presentation Date	Presentation Title	Event Title	# of people	Location	Duration (hours)
1/8/2020	RWAC Meeting	RWAC Meeting	25	Weslaco, TX	2
1/14/2020	Cotton/Grain Pre-plant meeting	Cotton/Grain Pre-plant meeting	150	Monte Alto, TX	6
1/21/2020	Watershed Principles/Overview of Arroyo Colorado Watershed	Watersheds	322	Los Fresnos, TX	1
2/19/2020	San Benito Wetlands Volunteer Tree Planting Event	Habitat Restoration	5	San Benito	3

The Arroyo Colorado Watershed Partnership Newsletter



Fall 2019

TWRI, AgriLife Extension and others host training, field days in 2019 for LRGV producers

By Victor Gutierrez

Rio Grande Valley Brush and Forage Management Field Day

About 60 attendees participated in the Rio Grande Valley (RGV) Brush and Forage Management Field Day Oct. 15 at the San Luis Ranch hosted by the Flores family in San Manuel. Texas Water Resources Institute (TWRI) and its partners, including U.S. Department of Agriculture Natural Resources Conservation Service (USDA NRCS), USDA Farm Service Agency, Prairie View A&M University, Texas State Soil and Water Conservation Board (TSSWCB) and Texas A&M AgriLife Extension Service county agents, organized the educational program to inform producers on best management practices for brush management and forage inventory. Since pastures and rangelands have different issues than row crops in terms of irrigation, pests, fertility, etc., this field day focused on major points dealing with managing rangelands. Presentations and a ranch tour were given on brush and forage management. Presentations by Jose “Pepe” Martinez and Henry Gonzalez from USDA NRCS specifically focused on how to properly manage forages during the ranch tour.

A presentation on identifying native and introduced forage species and soil needs by Vivian Garcia (USDA NRCS) was of particular interest during the morning tour. Megan Clayton, AgriLife Extension range specialist, presented on how to properly apply chemicals on brush in pastures, the correct stages plant species need to be for the optimal uptake of the chemicals added and the type of chemicals to use along with the rates recommended to control brush. USDA NRCS and TSSWCB representatives provided information about their cost-share incentive programs and how the programs can help producers implement conservation practices.

Small acreage and disadvantaged producer meetings

This past year, TWRI collaborated with Dr. Samuel Zapata, AgriLife Extension economist; Dr. Juan Anciso, AgriLife Extension vegetable specialist; Dr. Juan Enciso, Texas A&M AgriLife Research irrigation specialist; and county extension agents Vidal Saenz, Hidalgo County; Ashley Gregory, Hidalgo County; Jennifer Herrera, Cameron County; and Ronnie Zamora, Willacy County to produce educational programs targeting small acreage farmers, beginning farmers and historically disadvantaged producers in a series of workshops.

The project team hosted six workshops covering a number of topics ranging from livestock management, fruit production and preparation of products for sale at local and state farmer’s markets along with a value-added workshop demonstrating other avenues for crop commodities. (see *Trainings, field days on page 6*)



Attendees at the Rio Grande Valley Brush and Forage Management Field Day at the San Luis Ranch.



Arroyo Colorado

22nd Annual Rio Grande Valley Beef Improvement Association's Bull Gain Test and Heifer Development Program

By Jaime Flores

The 2019 Bull Gain Test and Heifer Development Program was held on Oct. 9 at Rio Beef Feedyard in San Manuel. Bulls and heifers were delivered to the feedyard early that morning to begin the program. The cattle were tagged, weighed, vaccinated and dewormed. The program's purpose is to provide uniform, economical, nutritional and health management to allow optimal growth and fair comparisons of genetic differences between animals in similar age groups. The test enables Texas A&M AgriLife Extension Service county agents to provide a uniform method of collecting performance data and providing it to consignors and other interested parties. The data collected is also used by the county agents to conduct educational activities based on the results of the program.

These bulls are put on 110-day gain test and are measured for Average Daily Gain (30%), Rib-eye Area/cwt (20%), Weight per day of Age (20%), Percent IMF "Marbling" (20%) and Scrotal Circumference (10%). Bulls are ranked by breed and by age. Heifers are ranked by their

reproductive tract scores, pelvic area and frame size to provide information to breeders of yearling purebred and commercial bulls and heifers for use in selection and marketing to beef cattle producers throughout Texas. Bulls that have an overall test ratio of 100 or better, have passed a fertility test and are negative for trichomoniasis are given a clean bill of health and are eligible to go to auction. This year there were four age groups, Senior Bulls – Spring 2018, Intermediate Bulls – Summer 2018, Junior Bulls – Fall 2018 and Calf Bulls – Spring 2019.

The Rio Grande Valley Beef Improvement Association was created in 1998 to assist cattlemen in improving the quality of their livestock. The bull gain test is an official gain test conducted by Texas A&M AgriLife Extension Service, under the direction of Dr. Joe Paschal, AgriLife Extension beef specialist and AgriLife Extension county agents in Cameron, Hidalgo, Willacy and Starr counties. Successful bull gain tests and heifer development programs have been conducted every year since 1998. A total of 1,608 bulls and 1,110 heifers have been entered in the program since its inception.



Beef Improvement Association's Bull Gain Test and Heifer Development Program conducted by Texas A&M AgriLife Extension Service to assist cattlemen in improving the quality of their livestock by collecting performance data.



Team works on updating the inventory of septic systems in Cameron County

By Gabriele Bonaiti

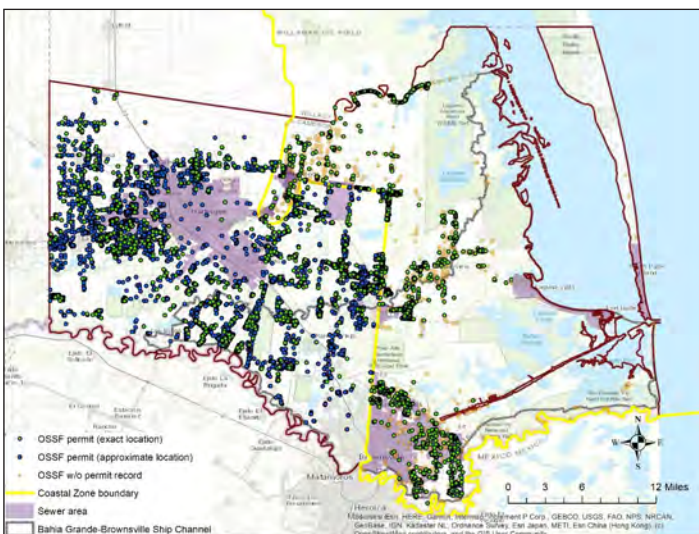
Private residential on-site sewage facilities (OSSFs), commonly referred to as “septic systems” (or Onsite Wastewater Treatment System, OWTS), are estimated in Cameron County to have grown by more than 400 systems in 2018, reaching a total of almost 36,700 systems. OSSFs have various designs based on physical characteristics of the local soils and the level of seasonal groundwater and are generally categorized as “conventional” or “aerobic.” Conventional systems typically consist of one or more septic tanks and a drainage or distribution field and are the most common type in Cameron County. Aerobic systems have an aerated holding tank and typically an above-ground sprinkler for distributing the treated effluent. When properly designed and operated, both types of OSSFs are expected to contribute virtually no fecal bacteria to adjacent water bodies.

During the development of the Arroyo Colorado Watershed Protection Plan, it was decided that a detailed inventory of OSSFs (number, location, type, age, etc.) could be beneficial, and funds were obtained from the Texas Commission on Environmental Quality to start developing an OSSF GIS database. In the first phase of the project, Texas A&M AgriLife Extension Service (AgriLife Extension), Texas Water Resources Institute (TWRI) and University of Texas Rio Grande Valley (UTRGV) created preliminary maps for the Arroyo Colorado watershed and the coastal zone. In

Phase II, AgriLife Extension, TWRI and UTRGV worked with the Cameron County Health Department to develop a complete inventory of OSSFs for the entire county. This phase will last three years.

The adopted method refers to previous experiences in Texas, i.e., the Coastal On-site Sewage Inventory database and the Lampasas River Watershed OSSF Inventory, by AgriLife Extension, and the Houston-Galveston Area Council OSSF Inventory. Identified steps include: a) maps of sewer service areas are obtained from cities and other sewer providers, and used to identify (and exclude) properties reached by collective lines; b) 911 physical addresses and aerial photography are used to identify buildings that likely have an OSSF and that fall outside sewer areas; c) parcels legal description and OSSF permits are used to estimate age and type of OSSFs and to validate OSSF location.

Currently, the main focus is locating OSSF permits in collaboration with Cameron County Health Department. The department agreed to update its database, start collecting XY coordinates of new permits and share data on a regular basis (use of XY coordinates was identified as the most effective method in locating new permits). AgriLife Extension, TWRI and UTRGV provide support to the health department, such as students, software and hardware, data analysis and online tools (e.g., interactive web maps). The county has an electronic database, which includes permits for installed OSSFs since 1988. The project team is working to determine the total count of permits and the number located on a map (some precisely on top of a building and some on an approximate location). Historic OSSFs permits are located using any available information, including appraisal legal description, while new ones are shared monthly by the health department and immediately located on a map based on XY coordinates and physical address. To date, a total of 12,109 OSSFs have been located on a map, as shown in Figure 1. Out of these, 47% have been located precisely on top of the building, while 53% are still on an approximate location (OSSFs with a permit obtained in the years 1988-2017).



Cameron County OSSFs geolocated as of August 2019.



Los Fresnos ISD hosts Falcon Pond Beautification Day

By Jaime Flores

Los Fresnos Independent School District hosted the Falcon Pond Beautification Day (FPBD) on Nov. 16 at the Los Fresnos High School campus. The FPBD is Phase II of the beautification project. Phase 1 was kicked off in March 2019.

The goal of the FPBD was to plant native flowers, shrubs and trees in Falcon Pond and pick up litter and trash in and around the pond.

The volunteers started arriving early Saturday morning. A total of 54 volunteers, including 40 students, two district employees, a school nurse, four campus administrators, five campus teachers/club sponsors and two parents/community members, showed up for the event. The students represented the Los Fresnos High School (Biology Club and AP Biology students), Los Fresnos United (Nature Club), Resaca Middle School (STEAM 6th and 7th grade students), Los Cuates Middle School (Gardening Club) and Liberty Memorial Middle School (Junior National Honor Society members).

Jaime Flores, Arroyo Colorado watershed coordinator, first explained to the students that they were going to plant trees and the reasons why. Rubber boots, shovels and trash pick up sticks were distributed and Flores demonstrated how to dig a hole, remove the tree from the pot and plant it correctly. Then the students broke into groups of 3-5 and started picking up trash and planting.

Falcon Pond is the bed of an abandoned resaca, an ancient distributary channel of the Rio Grande, modified to serve as



Aerial photo marking where volunteers planted flowers, shrubs and trees during the Falcon Pond Beautification Day.

a stormwater retention pond. During rain events, all of the stormwater from the high school flows across and under the school's parking lot and eventually drains into Falcon Pond. The native flowers, shrubs and trees that were planted will serve several purposes: 1) they will filter out sediment, nutrients and pollutants from the stormwater coming from the high school and parking lot, 2) they will bloom and provide nectar that will attract pollinators, such as bees, butterflies and hummingbirds, and 3) they will attract more birds to the pond.

In two hours, the students planted 250 native flowers, shrubs and trees and collected trash to fill one and half 55-gallon trash bags. The flowers, shrubs and trees planted were: Scarlet Sage, Golden Wave Coreopsis, Mexican Capraria, Shrubby Aster, Heliotrope, Crucita, Golden Rod, Runyan Water Willow, Mexican Button Bush, Primrose Willow, Shrubby Aster, Montezuma Cypress, Anacua and Guamuchil.

Phase III of the project will consist of the students developing interpretive signage for the flowers, shrubs and trees that were planted in Falcon Pond, as well as signage discussing nonpoint source stormwater pollution and the role of Falcon Pond in removing pollutants from the stormwater.

The Arroyo Colorado Partnership, Texas Water Resources Institute and Los Fresnos ISD partnered together to implement this project. It is being financed through grants from the U.S. Environmental Protection Agency through the Texas Commission on Environmental Quality.



Los Fresnos High School students planting flowers, shrubs and trees at Falcon Pond Beautification Day.



Irrigation Management Modernization Challenges and Opportunities demo, tour

By Victor Gutierrez

On July 16, Texas Water Resources Institute (TWRI), Texas Water Development Board and Rio Farms facilitated an Irrigation Modernization Challenges and Opportunities program that included a cotton irrigation demonstration trial that was conducted from April–August 2019 in Monte Alto. Rio Farms partnered with TWRI to conduct an irrigation demonstration project on a 16-acre tract of land using cotton as the target crop. The 16-acre block was split into three sections: a control block; a treatment block, which used an irrigation technology called Pipe Planner that uses larger hole sizes to push water faster down the furrows; and a skip row irrigation block. Soil moisture sensors were used to better understand water movement into the soil profile within each block. Three sensor arrays consisting of three sensors each (at 6, 12 and 24 inches deep) were placed in the center of each block at approximately a third of the way down the rows and a third of the way from the end of the row. Data was collected weekly and helped in determining when irrigation was needed. Automatic water metering technology was also used to report water use. A tour of the field highlighted challenges faced, lessons learned and future plans.

Irrigation district field tours

In preparation for the July 16 field day, on July 15, a group of farmers/producers and irrigation district members took a bus tour from Casa de Palmas in McAllen to two different pump houses. The first stop was in Hidalgo at the historic Hidalgo Pump House. The second stop was at the equally historic pump house located in Los Indios to demonstrate how water is pumped from the Rio Grande and then “pushed” into irrigation district reservoirs. Producers were refreshed on the practice of using poly-pipe to efficiently irrigate main row crops produced in the Rio Grande Valley (RGV), including cotton, corn and grain sorghum. Dr. Lucas Gregory, senior research scientist at TWRI, opened the program to irrigation specialists across the state. Irrigation district representatives spoke about improving irrigation district modernization and salinity management. There were more than 30 attendees from across the RGV at this event.



Tom McLemore, general manager, Harlingen Irrigation District, discusses the components and utility of the automated canal gate demonstration channel at the Rio Grande Center for Ag Water Efficiency.



Water level sensor and automated gates in the demonstration channel at the Rio Grande Center for Ag Water Efficiency.



Arroyo Colorado

Training, field days *(cont. from front page)*

Each workshop also included a section that focused on business planning. Landowners were informed about where and how they could apply for cost-share assistance programs and where they could apply for USDA loans.

Every workshop was well attended, averaging 50 people per workshop. This year, based on feedback from participants who attended last year's workshops, producers who were not able to physically attend a workshop could live stream the workshops through Facebook Live and/or see the workshops through the RGV small acreage website: <http://bit.ly/RGVSmallAcreage>.

Irrigation programs

TWRI and partners facilitated back-to-back identical irrigation programs focused on maximizing the efficiency of irrigation water use through technology and irrigation management. These programs were Sept. 25 at the AgriLife Extension annex service center in Cameron County and Sept. 26 at the Echo Hotel Conference Center in Edinburg.

There were presentations on the latest state-of-the-art irrigation technology including soil moisture sensors, drip irrigation and drip tape from local industry representatives Danny Sosebee, Netafim USA and Jeffery Kleypas, Toro Irrigation. Irrigation land-leveling and irrigation pipelines for faster water delivery, both irrigation best management practices, along with chemigation and fertigation process for application were presented by Dr. Juan Enciso, AgriLife Research irrigation specialist.

Salinity issues in irrigation water have become more of an issue over the last several years in the RGV, and producers had requested more information on salinity. In response to this request, Dr. Girisha Ganjegunte, Texas A&M AgriLife Research professor, El Paso, presented on salinity manage-

ment in irrigation water and discussed the option to plant alternative crops. Dr. Dana Porter, AgriLife Extension agricultural engineering specialist, Lubbock, presented on irrigation scheduling tools and approaches to specific to soil and crop needs. Dr. Luis Ribera, AgriLife Extension agricultural economist, spoke on economics and value of irrigation water specific to the RGV, a topic of particular interest to the producers.

Dr. Leyon Greene of the Texas Water Development Board spoke on TexMesonet, a weather tool application to help inform producers on weather conditions and the use and installment of weather stations.

With a little over 70 attendees combined, there was good discussion between irrigation specialists and local producers about their irrigation practices and updates on which best management practices are in the new 2018 Farm Bill. Financial and technical assistance for these BMPs will be funded through USDA NRCS and TSSWCB.

Water conservation for youth

Throughout the year, TWRI participated in youth development programs explaining the importance of water conservation and nonpoint source pollution. Using a watershed model, TWRI educational presentations demonstrated how water is delivered, used and disposed of and, how eventually, it enters into the Arroyo Colorado to be distributed into the Lower Laguna Madre. Sometimes accompanying the watershed model was a live model stream trailer, which demonstrates how a stream flows and the impacts on the riverbank such as soil erosion and sediment and nutrient runoff. Presentations about water conservation have been made to more than 3,000 children this year in the tri-county area of Hidalgo, Cameron and Willacy counties.



facebook.com/arroyo.colorado



The Arroyo Colorado Watershed Partnership

2401 E. Hwy 83 • Weslaco, Tx 78596

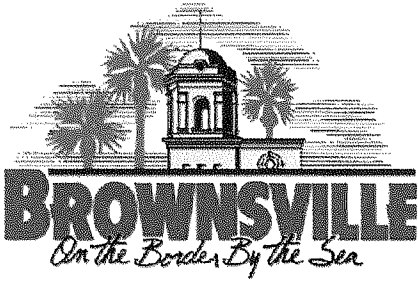
Phone: 956.969.5607 • Fax: 956.969.5639

www.arroyocolorado.org

jjflores@ag.tamu.edu • victor.gutierrez@ag.tamu.edu



Finance Invoice



INVOICE: 2019-00000154

DATE: 02/01/2019

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

Description: LANDFILL FEES - JANUARY 2019

Description	Quantity	UOM	Unit Price	Total Price
Landfill	1	TL	\$481.0000	\$481.00

FOR THE USE OF CITY SANITARY LANDFILL DURING THE MONTH OF JANUARY 2019

4261

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: 2019-00000154

Invoice Total: \$481.00

Finance Invoice



INVOICE: 2019-00000198

DATE: 02/28/2019

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

Description: LANDFILL FEES - FEBRUARY 2019

Description	Quantity	UOM	Unit Price	Total Price
Landfill	1	TL	\$488.0000	\$488.00

FOR THE USE OF CITY SANITARY LANDFILL DURING THE MONTH OF FEBRUARY 2019.

4.88 tons

Please remit payment to:

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

4261-

**PLEASE INCLUDE INVOICE
NUMBER ON REMITTANCE:** 2019-00000198

Invoice Total:	\$488.00
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Finance Invoice



INVOICE: 2019-00000250

DATE: 03/31/2019

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

Description: LANDFILL FEES - MARCH 2019

Description	Quantity	UOM	Unit Price	Total Price
Landfill	1	TL	\$532.0000	\$532.00

FOR THE USE OF CITY SANITARY LANDFILL DURING THE MONTH OF MARCH 2019

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:** 2019-00000250

42661-
Invoice Total: \$532.00

Finance Invoice



INVOICE: 2019-00000478
DATE: 08/31/2019

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

Description: LANDFILL FEES - AUGUST 2019

Description	Quantity	UOM	Unit Price	Total Price
Landfill	1	TL	\$679.0000	\$679.00

FOR THE USE OF THE CITY SANITARY LANDFILL DURING THE MONTH OF AUGUST 2019.

Please remit payment to:

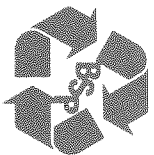
City of Brownsville Finance Department
P.O. Box 911
BROWNSVILLE, TX 78520
Phone: (956)548-6026

PLEASE INCLUDE INVOICE
NUMBER ON REMITTANCE: 2019-00000478

Invoice Total:

\$679.00

Cameras County DD#3



BROWNSVILLE SCRAP PAPER

5850 FM 511 Brownsville, TX 78521

3/8/19

No 11437

Pounds

Total \$

~~Material~~
Cardboard
Mix Paper

48 lbs x .05 = \$2.40

Newspaper

Plastic Bottles

White Paper

Aluminum

Electronics

Shredding Service

Other

Received by: DC

749 DD#3
LER

Cardboard
Mix Paper

48 lbs x .05 = \$2.40

Newspaper

Plastic Bottles

White Paper

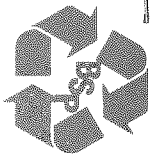
Aluminum

Electronics

Shredding Service

Other

Received by: DC



Cameron County
BROWNSVILLE
SCRAP PAPER

No 11762

5850 FM 511 Brownsville, TX 78521

Material

01/25 PM
02/25/2019
Total \$
20240.16 0

nty
rict

Cardboard

Milk Paper

Newspaper

Plastic Bottles

White Paper

Aluminum

Electronics

Shredding Service

Other

881bs X-07

\$6.16

Received by:

DC

Receipt #: 10193

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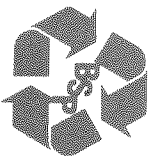
Payment Amount: \$6.16

Total Cash Received: \$6.16

Received By:

Michelle Hoadley

Remarks: 88 LBS SHREDDED PAPER FOR
RECYCLING



Brownsville Scrap Paper

David

5850 FM 511 Brownsville, TX 78521

N# 12169

Pounds

05/16/2019 Total \$

Material

1140 Lb 0

Cardboard

Mix Paper

Newspaper

Plastic Bottles

White Paper

Aluminum

Electronics

Shredding Service

Other

17.90

05/16/2019

7020 Lb 0

120X.0325

Received by: [Signature]

Receipt #: 10200

Description: 120 LB SHREDED PAPER

Payment Amount: \$3.90

Total Cash Received: \$3.90

Received By: _____

Remarks: 120 LBS SHREDED PAPER FOR
RECYCLING

nty
istrict

Comerion County District Purchase No. 3



5850 FM 511 Brownsville, TX 78521

No. 12360 Pounds Total \$

City District

Material		
Cardboard		
Mix Paper		
Newspaper		
Plastic Bottles		
White Paper		
Aluminum		
Electronics		
Shredding Service		
Other		

2018 24
6/13/2018
11015.0

40 130

Received by: [Signature]

Receipt #: 10206

Description: 40 LBS SHRED PAPER

Payment Amount: \$1.30

Total Cash Received: \$1.30 Received By: [Signature]

Remarks: 40 LBS SHRED PAPER FOR RECYCLING

Drainage District



5850 FM 511 Brownsville, TX 78521

No 13109 Pounds 03:10 Total \$ 11/07/2019

Inty
trict

Cardboard	
Mix Paper	
Newspaper	
Plastic Bottles	03:25 PM
White Paper	11/07/2019
Aluminum	7060 lbs
Electronics	180
Shredding Service	4-0325
Other	\$5.85
Received by: [Signature]	

Receipt #: 10222

Description: 180 LBS SHRED PAPER

Payment Amount: \$5.85

Total Cash Received: \$5.85 Received By: _____

Remarks: 100 LBS SHREDDDED PAPER FOR
RECYCLE