

VICTORIA COUNTY

STORMWATER MANAGEMENT PROGRAM

General Permit # TXR040381

Permit Term:

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Prepared by:

Victoria County Public Health Department
Environmental Division
2805 N Navarro
Victoria, TX 77901

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Introduction

Permit Applicability and Coverage

Overview

Victoria County is subject to the requirements of the Texas Commission on Environmental Quality (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) General Permit No. TXR040000. Victoria County was issued Permit #TXR040381. The TCEQ TPDES General Permit requirements authorizes stormwater discharges from small municipal separate storm sewer systems (MS4) into surface water in the state.

This Stormwater Management Plan (SWMP) describes Victoria County's efforts and programs to protect water quality and address the elements of a stormwater management program that meet permit requirements. This SWMP describes specific Best Management Practices (BMPs) that will be implemented.

This permit term covers five years from the date of approval of the NOI given by the TCEQ. This SWMP outlines implementation over the course of the permit term.

Regulated Portion of Small MS4 / Urbanized Areas

The TPDES Permit requirements apply to operators of publicly-owned storm sewer systems in urbanized areas in Texas, such as Victoria County. Specifically, the requirements apply only to the portions of unincorporated Victoria County that are identified as urbanized areas.

There are approximately five non-contiguous urbanized areas in unincorporated Victoria County. These areas are identified based upon data in the 2010 U.S. Census map and are shown in Figure 1, in the MS4 Outfalls section of the SWMP. These areas, and their figure numbers in the MS4 outfall map section, are:

- Crescent Valley (Figure 2)
- Goldmans Hill / Quail Creek (Figure 3)
- Kingwood Forest / US87 (Figure 4)
- Spring Creek (Figure 5)
- Victoria Regional Airport (Figure 6)

Quail Creek is a Census-Designated Place, and thus, is not incorporated. It is located in the urbanized area of unincorporated Victoria County and falls under the jurisdiction of the County's General Permit. Victoria County will invite representatives from the Quail Creek Municipal Utility District to attend training opportunities and work with the County to detect illicit discharges in Quail Creek, on a voluntary basis.

The majority of the watershed to the Spring Creek MS4 outfall is within the City of Victoria. The City of Victoria currently monitors stormwater compliance of the Spring Creek watershed to its City Limits. As an adjacent MS4 operator, the City has agreed to notify the County of stormwater compliance issues that may affect the Spring Creek outfall under the County's jurisdiction.

The Victoria Regional Airport currently has coverage under its Multi-Sector General Permit (MSGP) No. TXR05K406. This MSGP covers specific industrial discharges as outlined for Sector S facilities. Discharges due to new and/or re-development activities are excluded from the MSGP permit, and therefore, those resultant discharges are covered under this MS4 General Permit.

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The Victoria County SWMP addresses permit required BMPs in the unincorporated urbanized area portions of the County; however, certain elements of the SWMP may be voluntarily implemented by the County within the larger unincorporated area. This document serves as the County's SWMP.

Portions of the urbanized areas and outfalls under County jurisdiction may not be accessible through easements and rights-of-way. In such cases where on-site monitoring is necessitated and permission is not granted from landowners, the County may coordinate with the Texas Parks and Wildlife Department to gain access for observation through waterways.

Categories of Regulated Small MS4s

The Texas Constitution and State statutes do not grant Texas counties the ability to create and enforce ordinances, such as the ones that Texas cities (Home Rule) are allowed to create in order to meet the TPDES permit requirements. To address this restriction, TCEQ rules contain text stating "to the extent allowable under state and local law". Victoria County will address the various elements in the General Permit SWMP requirements to the extent allowable under current State and Local law.

MS4 Operator Levels are based on population served within the Census Urbanized Areas (UA). There are four levels of small MS4 operators and Victoria County is a Level 2b Small MS4 operator. Per the General Permit, the definition of a Level 2b operator is: "Operators of all non-traditional small MS4s such as counties, drainage districts, transportation entities, military bases, universities, colleges, correctional institutions, municipal utility districts and other special districts regardless of population served within the "urban area with a population of at least 50,000 people", unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage based on the population served."

Allowable Non-Stormwater Discharges

Victoria County accepts the TCEQ list of allowable non-storm water discharges in the MS4. These non-storm water sources may be discharged from the MS4 and are not required to be addressed in the MS4's Illicit Discharge and Detection Minimum Control Measure (MCM) or other MCMs, provided they have not been determined by the MS4 to be substantial sources of pollutants to the MS4. A list of the allowable discharges is contained in the TCEQ General Permit, TXR040000, Part II, Section D on Page 15.

Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements

Victoria County's unincorporated urbanized areas do not directly contribute to impaired water bodies. However, the County acknowledges that Arenosa Creek, located in the eastern part of the County, is an impaired stream. The County may voluntarily implement components of the SWMP within the Arenosa Creek watershed.

Stormwater Management Program

Overview

To the extent allowable under State and Local law, Victoria County's SWMP was developed and will be implemented according to requirements of Part IV of TPDES General Permit TXR040000, for discharges of storm water to surface water in the state. This SWMP was developed to prevent pollution in storm drainage systems to the maximum extent practicable, with control measures being phased in during the five year permit term. Since Victoria County is a Level 2b Category of Regulated Small MS4's, its SWMP will address the associated minimum control measures as required by TCEQ rules. MCMs will be implemented in urbanized areas of unincorporated Victoria County and may be voluntarily implemented in other unincorporated areas of Victoria County. MCMs will be evaluated based upon the

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accomplishment of activities (BMPs) listed under each MCM. Victoria County staff in the Environmental Health Division of the Public Health Department will monitor MCM activities.

Legal Authority (Traditional Small MS4s vs. Non-Traditional MS4s)

As a non-traditional MS4, Victoria County is not authorized by the State Constitution or State Statutes to enact the ordinances and implement all of the regulatory requirements that Phase 2 (small MS4) requires. Victoria County addresses its authority “to the extent allowable under state and local law” in the appropriate Minimum Control Measure sections of the SWMP. Victoria County shall notify adjacent MS4 operators with enforcement authority or TCEQ’s Field Operations Support Division as needed to report discharges or incidents that the County cannot itself enforce.

Ditch Drainage System (Traditional Small MS4s vs. Non-Traditional MS4s)

Unlike cities, Victoria County’s storm drainage system is not a traditional underground drainage system (curb inlets, underground pipes, and outfall discharges from pipes). Instead, Victoria County’s storm drainage system is mostly comprised of unlined (pervious) above-ground ditches. Benefits and challenges associated with this type of system will be addressed in the appropriate MCM sections.

Annexation and De-annexation (Traditional Small MS4s vs. Non-Traditional MS4s)

Victoria County may lose land areas over the course of the permit term, if annexation occurs. In the event that annexation occurs, Victoria County does not intend to provide MS4 permit services to the annexed land through the end of the permit term. The MS4 permit services will be reassigned to the new MS4 operator of the annexed land.

Victoria County will add urbanized areas when the U.S. Census Bureau designates additional urbanized areas in unincorporated Victoria County during its ten year cycle.

Rationale Statement for Victoria County’s SWMP

During the development of Victoria County’s SWMP, County staff considered Best Management Practices that would protect water quality, comply with General Permit TXR040000, meet the maximum extent practicable, and ensure program costs that would not create undue hardship on county residents and businesses. A variety of BMPs for each minimum control measure were considered and compared. BMPs were ultimately selected based on an evaluation of overall effectiveness, affordability and suitability to the unincorporated Victoria County MS4 system. The program will allow continual adjustment and refinement through County implementation experience and feedback from various unincorporated population.

Recordkeeping and Reporting

Recordkeeping

Victoria County will maintain all records, a copy of the TPDES general permit and all data used to complete the Notice of Intent (NOI) for this permit, for the entire permitting term. A current/updated copy of the SWMP, NOI and a copy of the general permit requirements will be maintained at the Environmental Health Division of the Public Health Department.

Victoria County will make the records, including the NOI and SWMP available to the public, if requested to do so in writing. The SWMP will be available within ten working days following the request from the public. Other records will be provided within ten working days, unless the request requires an unusual amount of time or effort to assemble. In this case, Texas law regarding the Public Information Act will be

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followed. Reasonable charges, in accordance with Texas law, may be levied by the County for researching and preparing any requested materials.

Annual Report

Victoria County will submit an annual update report to the Executive Director of TCEQ within 90 days of the end of each reporting year. The annual report will also be submitted to the TCEQ Regional Office that serves the area of the regulated small MS4. The annual report will address the requirements listed in the TPDES Phase 2 MS4 general permit rules.

The permit annual reporting range for Victoria County will be a year from the date of approval given by the TCEQ after NOI review. For example, if the new permitting term is January 24, 2025 – January 23, 2029, Victoria County's Permit Year One Annual Report will be submitted 90 days after January 23, 2025. The County will maintain copies of the annual reports at the Environmental Health Division of the Public Health Department.

Program Updates

This program may be updated by the County at any time. When considering eliminating a BMP, it will be determined if the removal of the BMP will result in non-compliance for any of the minimum control measures. This would occur if the BMP is the only BMP that provides compliance for a specific permit provision. In such a case, the BMP would need to be replaced with a new BMP that continues to meet the relevant permit requirement and a Notice of Change (NOC) would be required. Changes to this SWMP that do not require an NOC are specified in the Small MS4 General Permit under Part II. F. 6.

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Definitions

The following are definitions to keywords used throughout this Stormwater Management Plan.

Best Management Practices (BMPs) - Schedules of activities, prohibitions of practices, maintenance procedures, structural controls, local ordinances, and other management practices to prevent or reduce the discharge of pollutants. BMPs also include treatment requirements, operating procedures, and practices to control runoff, spills, waste disposal, or drainage from raw material storage areas.

Classified Segment - Refers to a water body that is listed and described in Appendix A or Appendix C of the Texas Surface Water Quality Standards, at 30 TAC § 307.10.

Clean Water Act (CWA) - The Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972, Pub. L. 92-500, as amended Pub. L. 95-217, Pub. L. 95-576, Pub. L. 96-483, and Pub. L. 97-117, 33 U.S.C. 1251 et seq.

Conveyance - Curbs, gutters, man-made channels and ditches, drains, pipes, and other constructed features designed or used for flood control or to otherwise transport storm water runoff.

Discharge - When used without a qualifier, refers to the discharge of storm water runoff or certain non-storm water discharges as allowed under the authorization of this general permit.

Hyper-chlorinated Water - Water resulting from hyper chlorination of waterlines or vessels, with chlorine concentration greater than 10 milligrams per liter (mg/l).

Illicit Connection - Any man-made conveyance connecting an illicit discharge directly to a municipal separate storm sewer system.

Illicit Discharge - Any discharge to a municipal separate storm sewer that is not composed entirely of storm water except discharges pursuant to this general permit or a separate authorization and discharges resulting from emergency firefighting activities.

Impaired Water - A surface water body identified on the latest approved CWA 303(d) List as not meeting applicable state water quality standards. Impaired waters include waters with approved or established total maximum daily loads (TMDL's) and those where a TMDL has been proposed by TCEQ but has not yet been approved or established.

Maximum Extent Practicable (MEP) - The technology-based discharge standard for MS4s in order to reduce pollutants in storm water discharges that was established by CWA §402(p). A discussion of MEP as it applies to small MS4s is found at 40 CFR §122.34.

MS4 (Municipal Separate Storm Sewer System) Operator - The public entity, and/or the entity contracted by the public entity, responsible for management and operation of the small MS4 that is subject to terms of this general permit.

MS4 (Municipal Separate Storm Sewer System) Small - A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (a) Owned or operated by the U.S., a state, city, town, borough, county, district, association, or other public body (created pursuant to State law) having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer district, flood control district, or drainage district, or similar entity, or an Indian tribe or an

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authorized Indian tribal organization, or a designated and approved management agency under § 208 of the CWA; (b) Designed or used for collecting or conveying storm water; (c) Which is not a combined sewer; (d) Which is not part of a publicly owned treatment works (POTW) as defined at 40 CFR §122.2; and (e) Which was not previously authorized under a NPDES or TPDES individual permit as a medium or large MS4, as defined at 40 CFR §122.26(b)(4) and (b)(7).

This term includes systems similar to separate storm sewer systems at military bases, large hospital or prison complexes, and highways and other thoroughfares. This term does not include separate storm sewers in very discreet areas, such as individual buildings. For the purpose of this permit, a very discreet system also includes storm drains associated with certain municipal offices and education facilities serving a nonresidential population, where those storm drains do not function as a system, and where the buildings are not physically interconnected to an MS4 that is also operated by that public entity.

Non-Traditional Small MS4 - A small MS4 that often cannot pass ordinances and may not have the enforcement authority like a traditional small MS4 would have to enforce the stormwater management program. Examples of non-traditional small MS4's include counties, transportation authorities (including the Texas Department of Transportation), municipal utility districts, drainage districts, military bases, prisons, and universities.

Outfall - A point source at the point where a MS4 discharges to waters of the U.S. and does not include open conveyances connecting two MS4s, or pipes, tunnels, or other conveyances that connect segments of the same stream or other waters of the U.S. and are used to convey waters of the U.S.

Surface Water in the State - Lakes, bays, ponds, impounding reservoirs, springs, rivers, streams, creeks, estuaries, wetlands, marshes, inlets, canals, the Gulf of Mexico inside the territorial limits of the state..., and all other bodies of surface water, natural or artificial, inland or coastal, fresh or salt, navigable or non-navigable, and including the beds and banks of all water-courses and bodies of surface water, that are wholly or partially inside or bordering the state or subject to the jurisdiction of the state; except that waters in treatment systems which are authorized by state or federal law, regulation, or permit, and which are created for the purpose of waste treatment are not considered to be water in the state.

Total Maximum Daily Load (TMDL) - The total amount of a substance a water body can assimilate and still meet the Texas Surface Water Quality Standards.

Urbanized Area (UA) - A high population density area which may include multiple small MS4s. This is defined and used by the U.S. Census Bureau in the 2020 Decennial census.

Waters of the U.S. - (a) All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide; (b) all interstate waters, including interstate wetlands; (c) all other waters such as intrastate lakes, rivers, streams including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds that the use, degradation, or destruction of which would affect or could affect interstate or foreign commerce including any such waters: which are or could be used by interstate or foreign travelers for recreational or other purposes; (2) from which fish or shellfish are or could be taken and sold in interstate or foreign commerce; or (3) which are used or could be used for industrial purposes by industries in interstate commerce; (d) all impoundments of waters otherwise defined as waters of the U.S. under this definition; (e) tributaries of waters identified in

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paragraphs (a) through (d) of this definition; (f) the territorial sea; and (g) wetlands adjacent to waters (other than waters that are themselves wetlands) identified in paragraphs (a) through (f) of this definition. Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of CWA...are not waters of the U.S. This exclusion applies only to manmade bodies of water which neither were originally created in waters of the U.S. (such as disposal area in wetlands) nor resulted from the impoundment of waters of the U.S. Waters of the U.S. do not include prior converted cropland. Notwithstanding the determination of an area's status as prior converted cropland by any other federal agency, for the purposes of the CWA, the final authority regarding CWA jurisdiction remains with EPA.

Best Management Practices by Minimum Control Measure

MCM 1 - Public Education and Outreach

Regulatory Requirement

- (a) The small MS4 operator shall implement a public education and outreach program to distribute educational materials to the community and conduct equivalent outreach about the impacts of stormwater discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff.
- (1) The public education and outreach program shall at a minimum include the following target audiences, as applicable:
- a. Traditional MS4s and counties shall address the residents being served;
 - b. Non-traditional MS4s (other than counties) shall address the community served by the MS4 as listed below:
 - (i) Universities shall target the faculty, other staff, and students;
 - (ii) Military bases shall target military personnel;
 - (iii) Prison complexes or other multi-building complexes shall target staff and contractors;
 - (iv) Municipal Utility Districts and other special districts shall target residents served, staff, and contractors; and
 - (v) Transportation authorities shall address staff, contractors, and users.
 - c. Small MS4 operators shall address additional target audiences within the small MS4 service area (such as but not limited to, those listed in Table 2) as listed below:
 - (i) Levels 1, 2a, and 2b: No requirement for additional audiences;
 - (ii) Level 3: A minimum of one additional audience; or
 - (iii) Level 4: A minimum of two additional audiences.
- (2) Small MS4 operators shall target specific pollutant(s) in the permittee's education program (such as, but not limited to, those listed in Table 3). Each small MS4 shall have a minimum of one target pollutant for each target audience from Part IV.D.1(a)(1).a-c of this permit. Small MS4s may implement more than one target pollutant where desired or appropriate to address pollutants in stormwater discharges to the MEP. The target pollutant must be appropriate for the target audience. The same pollutant may be used for more than one target audience and the target pollutant(s) may change annually as needed.
- (3) Small MS4 operators must use appropriate educational resources as BMPs (materials, events, activities, etc.) in conjunction with the selected pollutants for the selected audiences. The message delivered by these BMPs must be applicable to the target audience and relate to the target pollutant (such as a newsletter article about updated illegal dumping and discharge ordinances distributed to auto mechanic businesses or a hazardous household waste disposal flyer when applying for trash or recycling services). BMPs which are ongoing throughout the year or permit term may be counted as one annual BMP. Permittees shall explain how each BMP relates to the target pollutant and target audience. Small MS4 operators may change BMPs during the permit cycle if determined appropriate through annual reviews and a different BMP may be more effective for the small MS4's target pollutant or target audience. Any changes shall be reflected in the SWMP and explained in the annual report.
- a. If the permittee has a public website, the permittee shall post its SWMP and the annual reports required under Part V.B.2 or a summary of the annual report on the permittee's website.
 - (i) The SWMP must be posted no later than 30 days after the NOI or NOC approval date; and

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<p>(ii) The annual report no later than 30 days after the due date.</p> <p>b. Over the permit term, small MS4 operators shall implement a minimum number of public education and outreach BMPs from Table 4, as follows:</p> <p>(i) Level 1: three BMPs;</p> <p>(ii) Levels 2a and 2b: four BMPs; or</p> <p>(iii) Levels 3 and 4: five BMPs.</p>
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Selected BMPs for Public Education and Outreach

BMP 1-1 County Website Stormwater Information

Overview

Victoria County will update their website with information about the County's stormwater management plan. Stormwater materials will also be available through the website including, but not limited to, a copy of this SWMP, annual reports, MS4 outfall maps and general information. The information can be found at this link

<https://www.vcphd.org/page/health.envIRON.stormwater>.

Activity, Measureable Goal and Schedule

BMP/Activity	Measurable Goals	Frequency	Date(s) to be completed
Information on the MS4 operator's website.	Maintain the County's website with all relevant stormwater information.	Constant	Constant

Responsible Persons

Environmental Health Division

BMP 1-2 Social Media Campaign

Overview

Victoria County will conduct social media campaigns through the use of the Victoria County Public Health Department's social media accounts. These campaigns will aim to educate the public on stormwater issues and bring awareness to the County's efforts towards diminishing stormwater pollution.

Activity, Measureable Goal and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Social media posts, social media campaign.	Utilize the County's social media outlets to conduct campaigns regarding stormwater issues and information.	Quarterly each permit year	<ul style="list-style-type: none"> • March 31st of each permit year • June 31st of each permit year • September 31st of each permit year • December 31st of each permit year

Responsible Persons

Environmental Health Division

BMP 1-3 Permanent Stormwater Related Signage

Overview

Victoria County will place signage in a publicly visible location that conveys relevant stormwater material. This signage will be monitored and changed annually in order to provide new information.

Activity, Measureable Goal and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Permanent stormwater related signage.	Signage conveying stormwater information will be placed in areas of high visibility.	Annually	April 31 st of each permit year

Responsible Persons

Environmental Health Division

BMP 1-4 Targeted Education Campaign via Mail

Overview

Victoria County will send out flyers containing stormwater information via mail once a year. Victoria County will attach a QR code that will guide recipients to a survey for the purpose of estimating the amount of people the flyers impacted.

Activity, Measureable Goal and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Targeted education campaign via mail, email, or in person.	Mailers will be distributed to residents of Victoria County. A QR code will be attached to each mailer with a survey for residents to complete which will also track the number of individuals the mailers reached.	Annually	August 31 st of each permit year

Responsible Persons

Environmental Health Division

MCM 2 - Public Involvement/Participation

Regulatory Requirement

All permittees, except prisons/correctional facilities, shall involve the public, and, at minimum, comply with any state and local public notice requirements in the planning and implementation activities related to developing and implementing the SWMP. The small MS4 operator must create opportunities, or support activities that are coordinated by citizen groups, for residents and others to become involved with the SWMP. The activities/BMPs must demonstrate an impact on stormwater runoff by improving water quality.

- (a) Over the permit term, small MS4 operators shall implement a minimum number of public involvement/participation activities and measurable goals from Table 5 as follows:
- (1) Level 1 small MS4: two BMPs;
 - (2) Levels 2a and 2b small MS4s: three BMPs; or
 - (3) Levels 3 and 4 small MS4: four BMPs.

Selected BMPs for Public Involvement/Participation

BMP 2-1 Habitat Improvement and Vegetative Restoration

Overview

Victoria County Public Health Department will conduct habitat improvement in areas designated each year. These activities will involve the planting of new trees, the removal of invasive plants, and the overall improvement of the vegetation in each target area.

Activity, Measureable Goal and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Habitat improvement; Tree planting; Invasive Vegetation removal; Stream restoration.	Host one habitat improvement event for a park or property owned by the County.	Annually	December 31 st each permit year

Responsible Persons

Environmental Health Division

BMP 2-2 HOA Training on Stormwater Topics and Illicit Discharge Detection

Overview

Victoria County will hold trainings for HOAs to teach illicit discharge detection as well as cover relevant stormwater information.

Activity, Measureable Goal and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Hold events to train residents, or work a project for homeowner associations (HOAs), or other public groups to cover	Host a training for an HOA that will cover stormwater topics and issues.	Annually	October 31 st of each permit year

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stormwater topics such as: Building rain barrels; Fertilizer application training; Rain garden/bio retention creation and/or maintenance; How to recognize illicit discharge activities and communicate observations to appropriate MS4 staff.			
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Responsible Persons

Environmental Health Division

BMP 2-3 Educational Display/Booth at a Public Event or School Demonstration

Overview

Victoria County will partake in displaying stormwater related information at a booth at a specific event. Victoria County will hand out stormwater materials as well as answer any questions about stormwater issues and the County's MS4 program.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Educational display/booth at a school, public event, or similar event to provide information or displays that work to improve public understanding of issues related to water quality.	Partake in a public event or school demonstration and provide educational material regarding stormwater pollution prevention.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division

MCM 3 - Illicit Discharge Detection and Elimination

Regulatory Requirement

- (a) Program Development
- (1) All permittees shall develop, implement, and enforce a program to investigate, detect, and eliminate illicit discharges into the small MS4. The program must include a plan to detect and address non-stormwater discharges, including illegal dumping to the small MS4. The Illicit Discharge Detection and Elimination (IDDE) program must include the following:
- A current and accurate MS4 map (see Part IV.D.3.(c)(1));
 - Methods for informing and training MS4 field staff (see Part IV.D.3.(c)(2));
 - Methods for facilitating public reporting of illicit discharges and illegal dumping (see Part IV.D.3.(c)(3));
 - Procedures for responding to illicit discharge, illegal dumping and spills (see Part IV.D.3.(c)(4));
 - Procedures for tracing the source of an illicit discharge and illegal dumping (see Part IV.D.3.(c)(5));
 - Procedures for removing the source of the illicit discharge and illegal dumping (see Part IV.D.3.(c)(5));
 - Conduct inspections in response to complaints including follow-up inspections, and procedures for inspections (see Part IV.D.3.(c)(6));
 - For Levels 2, 3, and 4, if applicable, procedures to prevent and correct any leaking on-site sewage disposal systems that discharge into the small MS4;
 - For Level 4, procedures for identifying priority areas within the small MS4 likely to have illicit discharges and illegal dumping, and a list of all such areas identified in the small MS4 (see Part IV.D.3.(e)(1));
 - For Level 4, dry weather field screening to detect illicit discharges and illegal dumping (see Part IV.D.3.(e)(2)); and
 - For Level 4, procedures to reduce the discharge of floatables in the small MS4 (see Part IV.D.3.(e)(3)).
- (2) For non-traditional small MS4s, if illicit connections, illegal dumping, or illicit discharges are observed related to another operator's MS4, the permittee shall notify the other MS4 operator within 48 hours of discovery. If notification to the other MS4 is not practicable, then the permittee shall notify the appropriate TCEQ Regional Office of the possible illicit connection, illegal dumping, or illicit discharge.
- (3) If another MS4 operator notifies the permittee of an illegal connection, illegal dumping, or illicit discharge to the small MS4, then the permittee shall follow the requirements specified in Part IV.D.3.(c)(5).
- (b) Allowable Non-Stormwater Discharges
- Non-stormwater discharges listed in Part II.D do not need to be considered by the permittee as an illicit discharge requiring elimination unless the permittee or the TCEQ identifies the discharge as a significant source of pollutants to the small MS4.
- (c) Requirements for All Permittees
- All Permittees shall meet all the following requirements, including Table 6.
- (1) MS4 Mapping
- All permittees shall maintain a current and accurate MS4 map, which must be located on site and available for review by TCEQ. The MS4 map must show at a minimum the following information:
- The location of all small MS4 outfalls that are operated by the permittee and that discharge into Waters of the U.S.;
 - The location and name of all surface waters receiving discharges from the small MS4 outfalls; and
 - Priority areas identified under Part IV.D.3.(e)(1), if applicable.
- (2) Education and Training

All Permittees shall implement a method for informing or training all the permittee's field staff that may come into contact with or otherwise observe an illicit discharge, illegal dumping, or illicit connection to the small MS4 as part of their normal job responsibilities. Training program materials and attendance lists must be maintained onsite and made available for review by the TCEQ.

(3) Public Reporting of Illicit Discharges and Spills

All permittees shall publicize and facilitate public reporting of illicit discharges, illegal dumping, or water quality impacts associated with discharges into or from the small MS4. The permittee shall provide a central contact point to receive reports; for example, by including a telephone number for complaints and spill reporting.

(4) All permittees shall develop and maintain onsite procedures for responding to illicit discharges, illegal dumping, and spills.

(5) Source Investigation and Elimination

a. Minimum Investigation Requirements - Upon becoming aware of an illicit discharge or illegal dumping, all permittees shall conduct an investigation to identify and locate the source of such illicit discharge or illegal dumping as soon as practicable.

(i) All permittees shall prioritize the investigation of discharges based on their relative risk of pollution. For example, sanitary sewage may be considered a high priority discharge.

(ii) All permittees shall report to the TCEQ immediately upon becoming aware of the occurrence of any illicit flows believed to be an immediate threat to human health or the environment.

(iii) All permittees shall track all investigations and document, at a minimum, the date(s) the illicit discharge or illegal dumping was observed; the results of the investigation; any follow-up of the investigation; and the date the investigation was closed.

b. Identification and Investigation of the Source of the Illicit Discharge –All permittees shall investigate and document the source of illicit discharges and illegal dumping where the permittees have jurisdiction to complete such an investigation. If the source of illicit discharge or illegal dumping extends outside the permittee's boundary, all permittees shall notify the adjacent permitted MS4 operator or the appropriate TCEQ Regional Office.

c. Corrective Action to Eliminate Illicit Discharge

If and when the source of the illicit discharge or illegal dumping has been determined, all permittees shall immediately notify the responsible party of the problem, and shall require the responsible party to perform all necessary corrective actions to eliminate the illicit discharge and illegal dumping.

(6) Inspections – The permittee shall conduct inspections, in response to complaints, and shall conduct follow-up inspections to ensure that corrective measures have been implemented by the responsible party.

The permittee shall develop written procedures describing the basis for conducting inspections in response to complaints and conducting follow-up inspections.

Selected BMPs for Illicit Discharge Detection and Elimination (IDDE)

BMP 3-1 Maintain MS4 Maps

Overview

Victoria County will maintain the MS4 maps for the County and update them when necessary.

Activity, Measurable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
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Victoria County Stormwater Management Program
Permit Term To Be Determined

Maintain current and accurate MS4 maps as described in Part IV.D.3(c)(1).	Evaluate the County's MS4 maps and update them annually.	Annually	December 31 st of each permit year
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Responsible Persons

Environmental Health Division

BMP 3-2 Training for County Staff

Overview

Victoria County will hold a meeting annually to train road and bridge staff on illicit discharge detection and how to report these occurrences. Attending staff will consist of county employees who work in the four precincts within Victoria County.

Activity, Measurable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Conduct training for all the permittee's field staff as described in part IV.D.3.(c)(2). Training may be conducted in person or using self-paced training materials such as videos or reading materials.	Conduct one meeting annually for field staff who may observe illicit discharges while working.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division with County Road and Bridge Staff

BMP 3-3 Public Reporting Method for Negative Stormwater Impacts

Overview

Victoria County will continue to implement its reporting hotline for any illegal dumping and illicit discharge complaints. Victoria County will advertise this reporting method when attending public events and on its social media.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Maintain and publicize a public reporting method for the public to report illicit discharges, illegal	Maintain the Public Health Department's public reporting system via phone line. Respond to all stormwater related	Constant	Constant

Victoria County Stormwater Management Program
Permit Term To Be Determined

dumping, or water quality impacts associated with discharges into or from the small MS4 such as a reporting hotline, online form, or other similar mechanism as described in Part IV.D.3.(c)(3).	complaints and keep record of each outcome.		
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Responsible Persons

Environmental Health Division

BMP 3-4 Evaluation of Procedures for Response to Illegal Dumping and Illicit Discharges

Overview

Victoria County will routinely review its procedures for responding to illicit discharges and stormwater complaints.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Develop and maintain procedures for responding to illicit discharges, illegal dumping, and spills as described in Part IV.D.3.(c)(4).	Review procedures for responding to illicit discharge and stormwater complaints. If needed, update and change the procedures accordingly.	Annually	July 31 st of each permit year

Responsible Persons

Environmental Health Division

BMP 3-5 Response Investigation for Known Stormwater Issues

Overview

Victoria County will continue to respond to all known issues negatively impacting stormwater quality.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Source investigation and elimination of illicit discharges and illegal dumping as	Conduct an investigation into the potential source of an illicit discharge.	Constant	Constant

Victoria County Stormwater Management Program
Permit Term To Be Determined

described in Part IV.D.3.(c)(5).			
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Responsible Persons

Environmental Health Division

BMP 3-6 Resolution of Investigated Incidents

Overview

Victoria County will immediately resolve any illicit discharge or illegal dumping incident after thorough investigation of the issue.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Corrective action to eliminate illicit discharges and illegal dumping as described in Part IV.D.3.(c)(5).	Resolve all illicit discharges or illegal dumping incidents by notifying and necessitating the responsible party to eliminate the issue.	Constant	Constant

Responsible Persons

Environmental Health Division

BMP 3-7 IDDE Inspection Procedure Review

Overview

Victoria County will review its established procedures regarding inspections related to illicit discharges or illegal dumping and update them as necessary.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Inspection Procedures as described in Part IV.D.3.(c)(6).	Evaluate existing inspection procedures and update or change as needed.	Annually	July 31 st of each permit year

Responsible Persons

Environmental Health Division

BMP 3-8 Inspections Related to Stormwater Complaints

Overview

Victoria County will conduct inspections in response to complaints received. After resolution, Victoria County will conduct a follow up inspection for every case and will document all findings.

Activity, Measureable Goal and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
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Victoria County Stormwater Management Program
Permit Term To Be Determined

Inspections in response to complaints as described in Part IV.D.3.(c)(6).	Conduct inspections for all complaints related to stormwater. Conduct a follow up inspection for every complaint after the issue has been resolved.	Constant	Constant
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Responsible Persons

Environmental Health Division

MCM 4 - Construction Site Stormwater Runoff Control

Regulatory Requirement

(a) Requirements and Control Measures

All permittees shall develop, implement, and enforce a program requiring operators of small and large construction activities to select, install, implement, and maintain stormwater control measures that prevent illicit discharges to the MEP. The program must include the development and implementation of an ordinance or other regulatory mechanism, as well as sanctions to ensure compliance to the extent allowable under state, federal, and local law, to require erosion and sediment control.

If TCEQ waives requirements for stormwater discharges associated with small construction from a specific site(s), the permittee is not required to enforce the program to reduce pollutant discharges from such site(s).

(b) Requirements for All Permittees

All permittees shall meet the following requirements including Table 9.

(1) All permittees shall require that construction site operators implement appropriate erosion and sediment control BMPs. The permittee's construction program must ensure erosion and sediment controls, soil stabilization, and BMP requirements are effectively implemented for all small and large construction activities discharging to its small MS4 consistent with the TPDES CGP, TXR150000.

(2) Prohibited Discharges - The following discharges are prohibited:

- a. Wastewater from washout of concrete and wastewater from water well drilling operations, unless managed by an appropriate control;
- b. Wastewater from washout and cleanout of stucco, paint, from release oils, and other construction materials;
- c. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance;
- d. Soaps or solvents used in vehicle and equipment washing; and
- e. Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, unless managed by appropriate BMPs.

(3) Construction Plan Review Procedures To the extent allowable by state, federal, and local law, all permittees shall maintain and implement site plan review procedures that describe which plans will be reviewed as well as when an operator may begin construction. For those permittees without legal authority to enforce site plan reviews, this requirement is limited to those sites operated by the permittee and its contractors and located within the permittee's regulated area. The site plan procedures must meet the following minimum requirements:

- a. The site plan review procedures must incorporate consideration of potential water quality impacts.
- b. The permittee may not approve any plans unless the plans contain appropriate site-specific construction site control measures that, at a minimum, meet the requirements described in the TPDES CGP, TXR150000. The permittee may require and accept a plan, such as a stormwater pollution prevention plan (SWP3), that has been developed pursuant to the TPDES CGP, TXR150000.

(4) Construction Site Inspections and Enforcement

To the extent allowable by state, federal, and local law, all permittees shall implement procedures for inspecting large and small construction projects. Permittees without legal authority to inspect construction sites shall at a minimum conduct inspection of sites operated by the permittee or its contractors and that are located in the permittee's regulated area.

a. The permittee shall conduct inspections based on the evaluation of factors that are a threat to water quality, such as: soil erosion potential; site slope; project size and type; sensitivity of receiving water bodies; proximity to receiving water bodies; non-stormwater discharges; and past record of noncompliance by the operators of the construction site.

b. Inspections must occur during the active construction phase.

(i) All permittees shall develop and implement updated written procedures outlining the inspection and enforcement requirements. These procedures must be maintained on-site or in the SWMP and be made available to TCEQ.

(ii) Inspections of construction sites must, at a minimum:

1. Determine whether the site has appropriate coverage under the TPDES CGP, TXR150000. If no coverage exists, notify the permittee of the need for permit coverage;
2. Conduct a site inspection to determine if control measures have been selected, installed, implemented, and maintained according to the small MS4's requirements;
3. Assess compliance with the permittee's ordinances and other regulations; and
4. Provide a written or electronic inspection report.

c. Based on site inspection findings, all permittees shall take all necessary follow-up actions (for example, follow-up-inspections or enforcement) to ensure compliance with permit requirements and the SWMP. These follow up and enforcement actions must be tracked and documentation maintained for review by the TCEQ.

For non-traditional small MS4s with no enforcement powers, the permittee shall notify the adjacent MS4 operator with enforcement authority or the appropriate TCEQ Regional Office.

(5) Information Submitted By the Public

All permittees shall develop, implement, and maintain procedures for receipt and consideration of information submitted by the public.

(6) MS4 Staff Training

All permittees shall ensure that all staff whose primary job duties are related to implementing the construction stormwater program (including permitting, plan review, construction site inspections, and enforcement) are informed or trained to conduct these activities. The training may be conducted by the permittee or by outside trainers.

Selected BMPs for Construction Site Stormwater Runoff Control

BMP 4-1 Maintaining Regulatory Mechanisms

Overview

Victoria County will continue to evaluate its existing authority to enforce the TPDES CGP (TXR150000) requirements. The County will continue to necessitate construction site operators to implement erosion and sediment controls per the adopted 2018 Victoria County Development Standards Manual under Section VII (C). Sanctions are in place to ensure construction site operators comply with the Construction General Permit and the County's construction specific development standards.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Develop and maintain an ordinance or other regulatory mechanism as described in Part IV.D.4.(a).	Evaluate the County's authority to enforce the requirements of the TPDES Construction General Permit. The county will update its requirements outlined by the Development Standards Manual as needed.	One-time	December 31 st , 2029

Responsible Persons

Environmental Health Division

BMP 4-2 Prohibiting Construction Site Illicit Discharges

Overview

Victoria County will continue to monitor construction sites' wastewater discharges. The County will continue to evaluate its authority to prohibit specific discharges and update its requirements as necessary.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Prohibit discharges as described in Part IV.D.4.(b)(2).	Evaluate the County's authority to prohibit specific discharges and update the requirements as needed.	One-time	December 31 st , 2029

Victoria County Stormwater Management Program
Permit Term To Be Determined

Responsible Persons

Environmental Health Division

BMP 4-3 Construction Site Plan Review

Overview

Victoria County will review Site Plans as part of their pre-development meetings with the County Engineer. During review, the County will ensure the construction site meets requirements under the TPDES Construction General Permit. The County will make sure construction sites design an erosion and sediment controls plan in accordance with the Victoria County Development Standards Manual Section VII (C)(1).

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Maintain and implement site plan review procedures that describe which plans will be reviewed as well as when an operator may begin construction as described in Part IV.D.4.(b)(3).	Review site plans during pre-development process with County Engineer. Ensure the construction site attains the appropriate permits and implements an erosion and sediment control plan.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division and County Engineer

BMP 4-4 Construction Site Inspection Procedures

Overview

Victoria County will review and implement its procedures for inspecting construction sites. The County's procedures will be updated or changed if necessary.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Implement procedures for inspecting large and small construction projects as described in Part IV.D.4.(b)(4).	Follow the County's procedures for inspecting construction sites. The County will update these procedures as needed.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division

BMP 4-5 Construction Site Inspections

Overview

Victoria County will conduct inspections at 80% of all active construction sites within the county. Victoria County will keep all inspection reports of construction sites for its records.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Conduct construction site inspections as described in Part IV.D.4.(b)(4).	Conduct inspections at all active construction sites with a TXR150000 permit.	Constant	December 31 st of each permit year

Responsible Persons

Environmental Health Division

BMP 4-6 Receipt and Consideration of Publicly Submitted Information

Overview

Victoria County will evaluate its processes for receipt of information submitted by the public. The County will maintain its reporting phone line as its main method for public information submittal.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Develop, implement, and maintain procedures for receipt and consideration of information submitted by the public as described in Part IV.D.4.(b)(5).	Maintain a reporting phone line for the purpose of receiving public information. Evaluate this mechanism once annually to ensure efficacy.	Constant	Constant

Responsible Persons

Environmental Health Division

BMP 4-7 Construction Stormwater Program Training for MS4 Staff

Overview

Victoria County will conduct a yearly training for staff who are responsible for implementing the construction stormwater program. The County will evaluate the training yearly to determine its effectiveness at preparing the staff for any problems related to enforcing the construction stormwater program.

Victoria County Stormwater Management Program
Permit Term To Be Determined

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Conduct training for all the MS4 staff whose primary job duties are related to implementing the construction stormwater program as described in Part IV.D.4.(b)(6). Training may be conducted in person or using self-paced training materials such as videos or reading materials.	Implement a yearly training targeted towards MS4 staff responsible for enforcing the construction stormwater program.	Annually	June 31 st of each permitting year

Responsible Persons

Environmental Health Division

MCM 5 - Post Construction Stormwater Management in New Development and Redevelopment

Regulatory Requirement

(a) Post-Construction Stormwater Management Program

All permittees shall meet the requirements below including Table 11.

- (1) All permittees shall develop, implement, and enforce a program, to the extent allowable under state, federal, and local law, to control stormwater discharges from new development and redeveloped sites that discharge into the small MS4 that disturb one acre or more, including projects that disturb less than one acre that are part of a larger common plan of development or sale. The program must be established for private and public development sites. The program may utilize an offsite mitigation and payment in lieu of components to address this requirement.
- (2) All permittees shall use, to the extent allowable under state, federal, and local law and local development standards, an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects. The permittees shall establish, implement, and enforce a requirement that owners or operators of new development and redeveloped sites design, install, implement, and maintain a combination of structural and non-structural BMPs appropriate for the community and that protects water quality. If the construction of permanent structures is not feasible due to space limitations, health and safety concerns, cost effectiveness, or highway construction codes, the permittee may propose an alternative approach to TCEQ.

(b) Requirements for All Permittees

All permittees shall meet all the following requirements including Table 11.

- (1) All permittees shall document and maintain records of enforcement actions and make them available for review by the TCEQ.
- (2) Long-Term Maintenance of Post-Construction Stormwater Control Measures All permittees shall, to the extent allowable under state, federal, and local law, ensure the long-term operation and maintenance of structural stormwater control measures installed through one or both of the following approaches:
 - a. Maintenance performed by the permittee. (See Part IV.D.6)
 - b. Maintenance performed by the owner or operator of a new development or redeveloped site under a maintenance plan. The maintenance plan must be filed in the real property records of the county in which the property is located. The permittee shall require the owner or operator of any new development or redeveloped site to develop and implement a maintenance plan addressing maintenance requirement for any structural control measures installed on site. The permittee shall require operation and maintenance performed is documented and retained on site, such as at the offices of the owner or operator, and made available for review by the small MS4.

Selected BMPs for Post Construction Stormwater Management

BMP 5-1 Regulatory Mechanisms for Post Construction Stormwater Runoff

Overview

Victoria County will evaluate its authority to require post construction stormwater management and stabilization measures. The County will review and update its requirements in accordance with the Victoria County Development Standards Manual.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Develop and maintain an ordinance or other regulatory mechanism as described in Part IV.D.5.(a)(2).	Review and update regulatory mechanism for ensuring post construction stormwater runoff controls are implemented.	Annually	December 31 st , 2029

Responsible Persons

Environmental Health Division

BMP 5-2 Documentation of Enforcement Actions

Overview

Victoria County will document all instances where enforcement actions are taken. The County will make these documents available upon request from TCEQ.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Document and maintain records of enforcement actions and make them available for review by the TCEQ as described in Part IV.D.5.(b)(1).	Document any cases where the County has to take any enforcement actions.	Constant	Constant

Responsible Persons

Environmental Health Division

BMP 5-3 Long Term Implementation of Structural Stormwater Controls

Overview

Victoria County will develop a maintenance plan and schedule for checking long term structural stormwater control measures.

Victoria County Stormwater Management Program
Permit Term To Be Determined

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Ensure the long term operation and maintenance of structural stormwater control measures installed as described in Part IV.D.5.(b)(2).	Develop and maintain a maintenance plan and schedule for checking all stormwater control measures the County is responsible for.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division

MCM 6 – Pollution Prevention and Good Housekeeping for Municipal Operations

Regulatory Requirement

(a) Program Development

All permittees shall develop and implement an operation and maintenance program (O&M), including an employee training component that has the ultimate goal of preventing or reducing pollutant runoff from municipal activities and municipally owned areas including but not limited to: park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations.

(b) Requirements for All Permittees

All permittees shall meet the requirements described below including Table 13.

(1) Permittee-owned Facilities and Control Inventory All permittees shall develop and maintain an inventory of facilities and stormwater controls that it owns and operates within the regulated area of the small MS4. The inventory must include all applicable permit numbers, registration numbers, and authorizations for each facility or controls. The inventory must be available for review by TCEQ and must include, but is not limited, to the following, as applicable:

- a. Composting facilities;
- b. Equipment storage and maintenance facilities;
- c. Fuel storage facilities;
- d. Hazardous waste disposal facilities;
- e. Hazardous waste handling and transfer facilities;
- f. Incinerators;
- g. Landfills;
- h. Materials storage yards;
- i. Pesticide storage facilities;
- j. Buildings, including schools, libraries, police stations, fire stations, and office buildings;
- k. Parking lots;
- l. Golf courses;
- m. Swimming pools;
- n. Public works yards;
- o. Recycling facilities;

- p. Salt storage facilities;
- q. Solid waste handling and transfer facilities;
- r. Street repair and maintenance sites;
- s. Vehicle storage and maintenance yards; and
- t. Structural stormwater controls.

(2) Training and Education

All permittees shall inform or train appropriate employees involved in implementing pollution prevention and good housekeeping practices. All permittees shall maintain a training attendance list for review by TCEQ when requested.

(3) Disposal of Waste Material – Waste materials removed from the small MS4 must be disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable.

(4) Contractor Requirements and Oversight

- a. Any contractors hired by the permittee to perform maintenance activities on permittee-owned facilities must be contractually required to comply with all of the stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures described in Parts IV.D.6.(b)(2)-(6).
- b. All permittees shall provide oversight of contractor activities to ensure that contractors are using appropriate control measures and SOPs. Oversight procedures must be maintained on-site and made available for inspection by TCEQ.

(5) Municipal Operation and Maintenance Activities

a. Assessment of permittee-owned operations

All permittees shall evaluate operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater, including but not limited to:

- (i) Road and parking lot maintenance, including such areas as pothole repair, pavement marking, sealing, and re-paving;
- (ii) Bridge maintenance, including such areas as re-chipping, grinding, and saw cutting;
- (iii) Cold weather operations, including plowing, sanding, and application of deicing and anti-icing compounds and maintenance of snow disposal areas; and
- (iv) Right-of-way maintenance, including mowing, herbicide and pesticide application, and planting vegetation.

b. All permittees shall identify pollutants of concern that could be discharged from the above O&M activities (for example, metals; chlorides; hydrocarbons such as benzene, toluene, ethyl benzene, and xylenes; sediment; and trash).

c. All permittees shall develop and implement a set of pollution prevention measures that will reduce the discharge of pollutants in stormwater from the above activities. These pollution prevention measures must include at least two the following:

- (i) Replacing materials and chemicals with more environmentally friendly materials or methods;
- (ii) Tracking application of deicing and anti-icing compounds;
- (iii) Using suspended tarps, booms, or vacuums to capture paint, solvents, rust, paint chips and other pollutants generated by regular bridge maintenance; and
- (iv) Placing barriers around or conducting runoff away from de-icing chemical storage areas to prevent discharge into surface waters.

d. Inspection of pollution prevention measures - All pollution prevention measures implemented at permittee-owned facilities must be visually inspected to ensure they are working properly. The permittee shall develop written procedures that describes

<p>frequency of inspections occurring at least one time annually and how they will be conducted. A log of inspections must be maintained and made available for review by the TCEQ upon request.</p> <p>(6) Structural Control Maintenance If BMPs include structural controls, maintenance of the controls must be performed by the permittee and consistent with maintaining the effectiveness of the BMP. The permittee shall develop written procedures that define the frequency of inspections occurring at least one time annually and how they will be conducted.</p>

Selected BMPs for Pollution Prevention and Good Housekeeping for Municipal Operations

BMP 6-1 MS4 Facility Inventory

Overview

Victoria County will keep an inventory of all facilities owned by the MS4. The county will review this inventory annually to ensure any updates or changes made to the facilities are documented.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Permittee-owned Facilities and Control Inventory as described by Part IV.D.6.(b)(1).	Keep an inventory of all MS4 owned facilities and associated stormwater controls.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division and Precinct Staff

BMP 6-2 MS4 Staff Training on Pollution Prevention

Overview

Victoria County will conduct an annual training for all precinct staff. The training will highlight pollution prevention measures and good housekeeping practices.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Training and Education as described in Part IV.D.6.(b)(2). Training may be conducted in person or using self-paced training materials such as videos or reading materials.	Conduct at least one training for all MS4 staff involved in county operations.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division and Precinct Staff

BMP 6-3 Disposal of MS4 Waste Material

Overview

Victoria County will ensure that all waste generated from county operations is disposed of in accordance with 30 TAC Chapters 330 or 335.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Disposal of Waste Material as described in Part IV.D.6.(b)(3).	Inspect county owned and operated courtesy stations as well as county precinct barns to ensure proper waste collection and disposal.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division and Precinct Staff

BMP 6-4 Oversight and Requirements for Hired Contractors

Overview

Victoria County will require contractors to sign a document stating they will comply with the County's stormwater control measures and pollution prevention procedures. A document will be made available for each precinct barn that outlines oversight procedures in order for precinct staff to ensure contractor stormwater compliance.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Contractor Requirements and Oversight as described in Part IV.D.6.(b)(4).	All contractors hired by the County will be contractually required to follow the County's stormwater control measures and pollution prevention procedures. The County will oversee contracting activities to ensure compliance with established stormwater procedures.	Constant	Constant

Responsible Persons

Environmental Health Division and Precinct Staff

BMP 6-5 Evaluation of County Operation and Maintenance Activities

Overview

Victoria County will review its procedures for operation and maintenance activities. The procedures will be evaluated based on their ability to prevent stormwater pollution.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Assessment of permittee-owned operations as described in Part IV.D.6.(b)(5)a.	Evaluate the County's operation and maintenance procedures and determine their potential to cause stormwater pollution.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division and Precinct Staff

BMP 6-6 Pollutant Identification and Inventory

Overview

Victoria County will identify any hazardous materials or pollutants being used or stored by the County. Updates to this inventory will be made annually after evaluation to reflect changes in County operation and maintenance activities.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Identify pollutants of concern as described in Part IV.D.6.(b)(5)b.	Identify and document any pollutants used or stored by the County. Update the inventory annually to reflect any changes in County operations.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division and Precinct Staff

BMP 6-7 Pollution Prevention Measures Implemented by Victoria County

Overview

Victoria County implement two pollution prevention measures for specific County Operations. The County will track all applications of deicing materials as well as install barriers around deicing materials to conduct runoff away from the deicing storage areas.

Victoria County Stormwater Management Program
Permit Term To Be Determined

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Pollution Prevention Measures as described in Part IV.D.6.(b)(5)c.	<ul style="list-style-type: none"> Track every application of deicing or anti-icing compounds in the county and document the exact amount used. Construct protective barriers around deicing materials to conduct runoff away from the deicing storage area. 	Annually	December 31 st , 2029

Responsible Persons

Environmental Health Division and Precinct Staff

BMP 6-8 Annual Inspection of Implemented Pollution Prevention Measures

Overview

Victoria County will inspect all pollution prevention measures at County-owned facilities. The County will evaluate its established inspection procedures and update them annually. All inspections will be logged and made available to TCEQ if needed.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Inspection of Pollution Prevention Measures as described in Part IV.D.6.(b)(5)d.	Inspect all pollution prevention measures utilized at County facilities. Document and log all conducted inspections and make these logs available to TCEQ if needed. Evaluate and update the	Annually	December 31 st , 2029

Victoria County Stormwater Management Program
Permit Term To Be Determined

	inspection procedures annually to reflect changes made to any of the pollution prevention measures.		
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Responsible Persons

Environmental Health Division Precinct Staff

BMP 6-9 Maintenance of Structural Controls

Overview

Victoria County will perform maintenance of all structural controls implemented by the County. The maintenance procedures will be evaluated annually and updates will be made in accordance with changes or additions to the structural controls. The County will also develop and maintain a schedule for maintenance to ensure all structural controls remain as effective as possible.

Activity, Measureable Goal, and Schedule

BMP/Activity	Quantifiable Target	Frequency	Date(s) to be completed
Structural Control Maintenance as described by Part IV.D.6.(b)(6).	Maintain all structural controls implemented by the County. Develop maintenance procedures and update them annually to address changes made to any of the structural controls. Log all inspections and make this log available to TCEQ if needed.	Annually	December 31 st of each permit year

Responsible Persons

Environmental Health Division and Precinct Staff

Victoria County Stormwater Management Program
Permit Term To Be Determined

MS4 Outfall Maps

Victoria County Stormwater Management Program
Permit Term To Be Determined

Figure 1 – Brentwood



Figure 3 – Goldman's Hill / Quail Creek

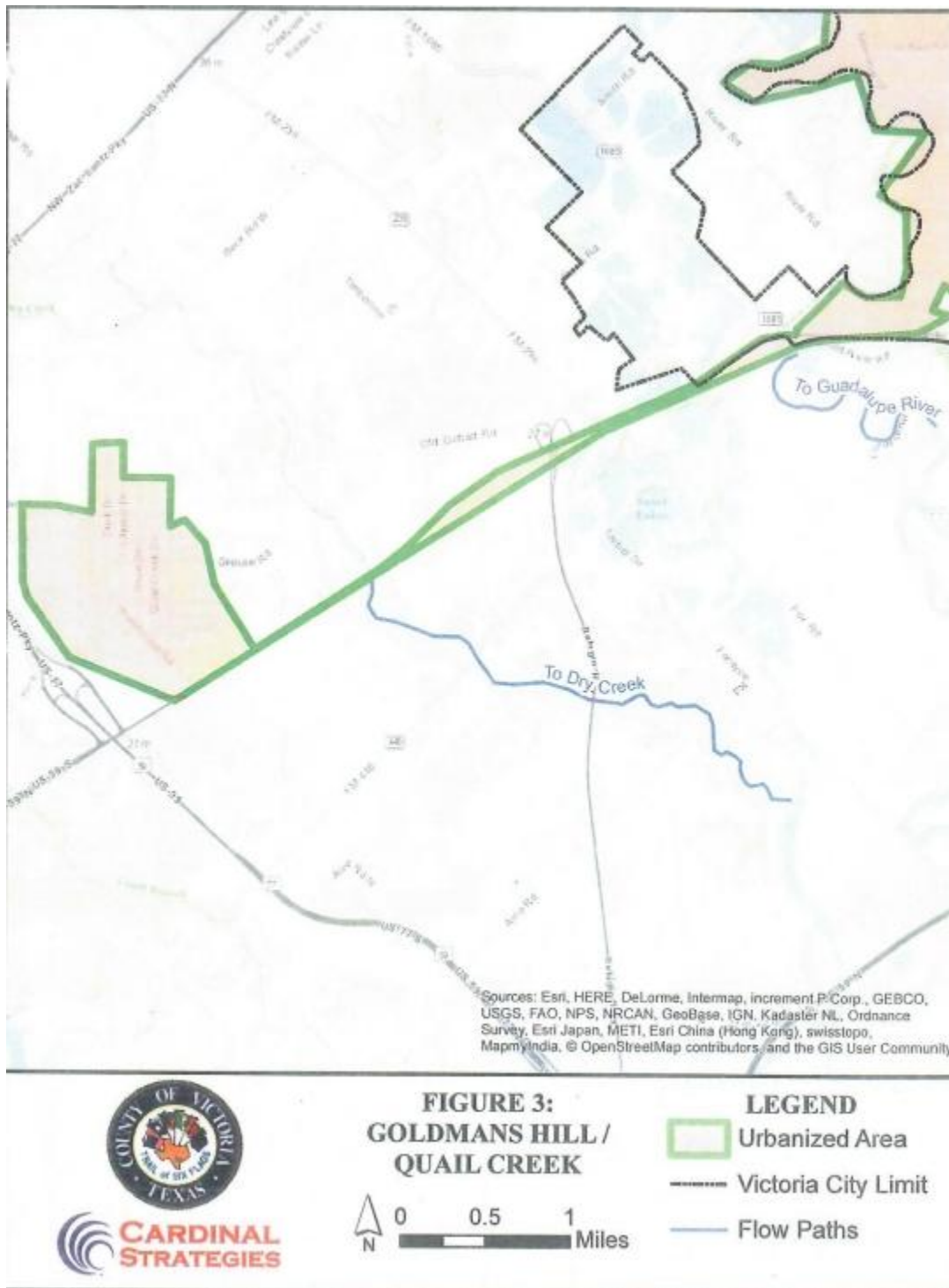


Figure 4 – Kingwood Forest / US87

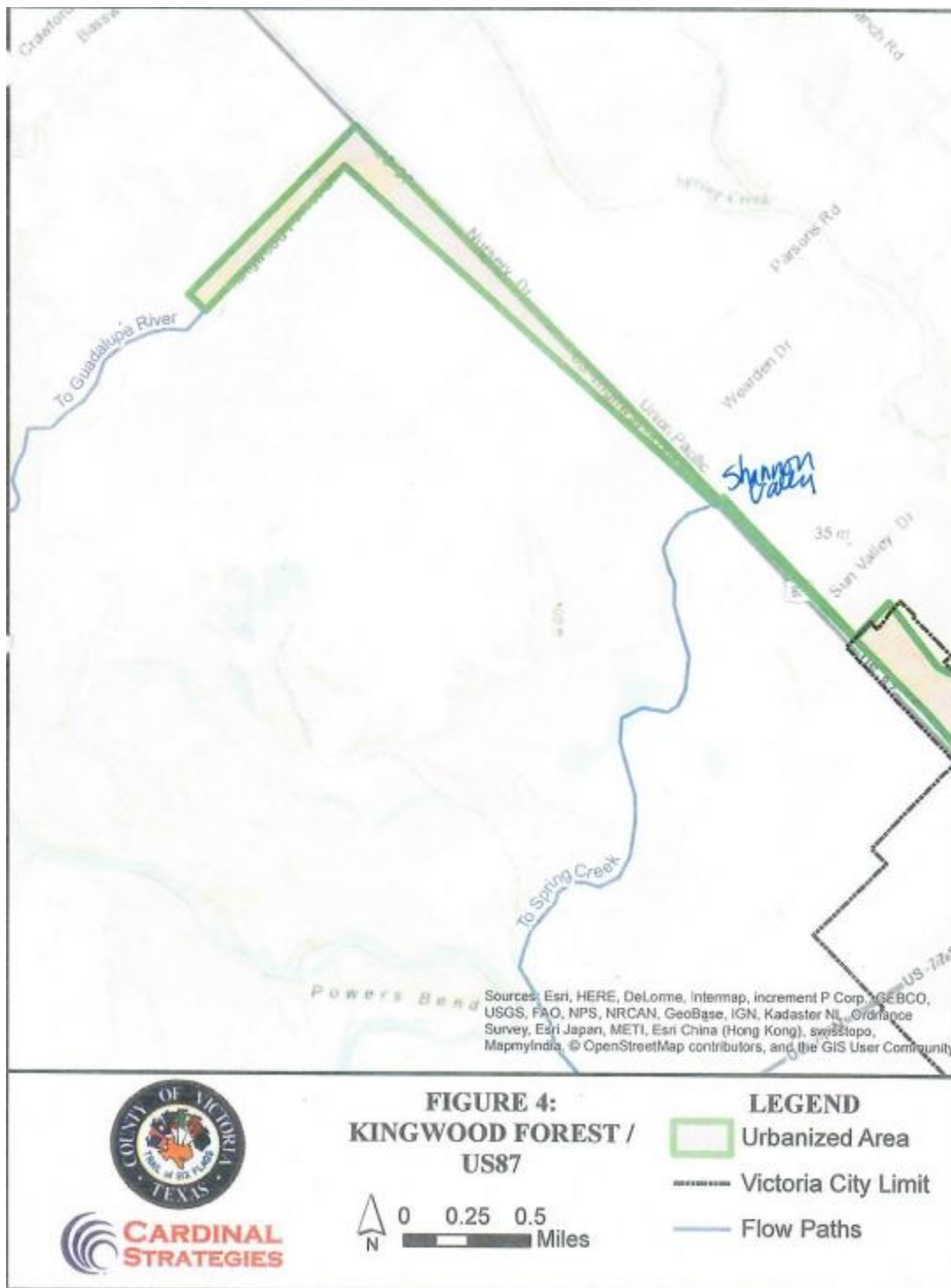


Figure 5 – Spring Creek

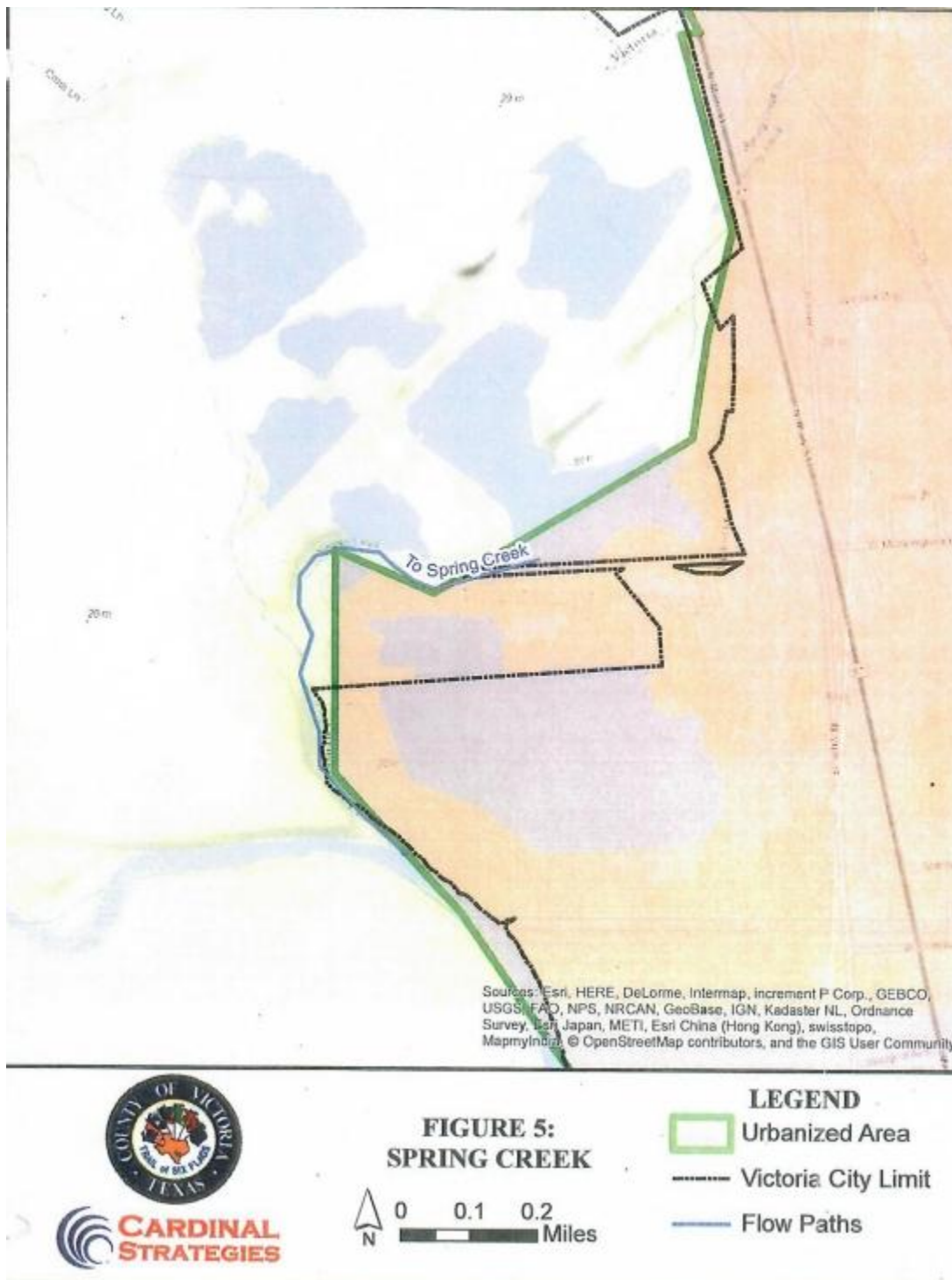


Figure 6 – Victoria Regional Airport

