



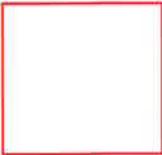
STORM WATER MANAGEMENT PROGRAM



CITY OF _____
MURPHY

LIFE LIVED AT YOUR PACE

Prepared By



BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS
DALLAS, TEXAS

June 2014

TABLE OF CONTENTS

	<u>Page No.</u>
General	1
Acronyms	2
I. Minimum Control Measures (MCM)	3
A. Public Education, Outreach, and Involvement	4
B. Illicit Discharge Detection and Elimination (IDDE)	5
C. Construction Site Stormwater Runoff Control	8
D. Post-Construction Stormwater Management in New Development & Redevelopment ..	10
E. Pollution Prevention and Good Housekeeping for Municipal Operations	11
F. Industrial Stormwater Sources	13
G. Authorization for Construction Activities as the Site Operator	14
II. Legal Authority	15
III. Implementation of Best Management Practices (BMPs)	16
IV. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements	29
 APPENDIX:	
A. Stormwater Master Plan Implementation Schedule	
B. TCEQ Notice of Intent (NOI) Form #20368	
C. TCEQ Stormwater Management Program (SWMP) Cover Sheet	
D. TCEQ General Permit Payment Submittal (Form #20134)	


6/9/14



CITY OF MURPHY, TEXAS
STORM WATER MANAGEMENT PROGRAM

GENERAL

The City of Murphy has developed this Storm Water Management Program (SWMP) in accordance with the General Permit No. TXR040000, General Permit To Discharge Under The Texas Pollutant Discharge Elimination System, from the Texas Commission of Environmental Quality. The Storm Water Management Program (SWMP) focuses on the following topics:

- I. Minimum Control Measures (MCM)
- II. Legal Authority
- III. Implementation of Best Management Practices (BMPs)
- IV. Impaired Water Bodies and Total Maximum Daily Load (TMDL) Requirements

ACRONYMS

Best Management Practice (BMP)

Construction General Permit (CGP)

Illicit Discharge Detection and Elimination (IDDE)

Maximum Extent Practicable (MEP)

Minimum Control Measure (MCM)

Multi Sector General Permit (MSGP)

Municipal Separate Storm Sewer System (MS4)

National Pollutant Discharge Elimination System (NPDES)

Operation and Maintenance (O&M)

Storm Water Management Program (SWMP)

Storm Water Pollution Prevention Plan (SW3P)

Texas Commission on Environmental Quality (TCEQ)

Texas Pollutant Discharge Elimination System (TPDES)

Total Maximum Daily Load (TMDL)

I. MINIMUM CONTROL MEASURES

The City of Murphy's Storm Water Management Plan (SWMP) addresses the following Minimum Control Measures (MCM's):

- A. Public Education, Outreach, and Involvement
- B. Illicit Discharge Detection and Elimination (IDDE)
- C. Construction Site Storm Water Runoff Control
- D. Post-Construction Storm Water Management in New Development and Redevelopment
- E. Pollution Prevention and Good Housekeeping for Municipal Operations
- F. Industrial Storm Water Sources
- G. Authorization for Construction Activities as the Site Operator

These minimum control measures are items required in Part III, Section B. of General Permit No. TXR040000, General Permit To Discharge Under The Texas Pollutant Discharge Elimination System, from the Texas Commission on Environmental Quality (TCEQ). Each minimum control measure has goals and a schedule to complete each goal further described in Part III of the SWMP.

This program is created with goals that are to be completed with the existing staff and funds available. Various city departments are responsible for implementing the goals. These departments are shown in the tables with this plan.

Annual reports will be submitted stating the evaluation of each measurable goal performed that year. Results of any information collected that year will be submitted with the annual report and revision to the measurable goals, if necessary. The annual report will also summarize the measurable goals planned for the following year.

A. Public Education, Outreach, and Involvement

1) Public Education and Outreach

The City of Murphy shall develop, implement and maintain a comprehensive stormwater education and outreach program to educate public employees, businesses, and the general public of hazards associated with the illegal discharges and improper disposal of waste and about the impact that stormwater discharges can have on local waterways; as well as develop steps that the public can take to reduce pollutants in stormwater.

Under the previous SWMP for the City of Murphy, adopted and implemented in January 2008, Best Management Practices (BMP's) including distribution of pamphlets in utility statements, storm drain markers, and an educational program. These efforts will continue and new efforts will refocus on outreach activities to identify high priority community-wide issues. Successful BMP's will continue and new or revised BMP's described in Part III of the SWMP will progressively be implemented.

City funds appropriated for the SWMP shall be allocated through an annual review to determine the most cost effective and practical methods and procedures for distribution of materials. Opportunities to develop additional educational materials, provide signage at high traffic locations, broadcast public service announcements on radio, television or the web will be pursued if funds are available. Educational materials produced shall be made available to convey the program's message to the target audience at least annually.

The SWMP and MCM implementation shall be reviewed and updated as necessary. Any changes shall be reflected in the annual report.

2) Public Involvement

Reasonable attempt will be made to reach the target audience and documentation will be collected identifying those present for outreach programs. If funds or opportunities are available, the City of Murphy will pursue:

- a) Public meetings or comment sessions
- b) Stream clean-ups
- c) Tag storm drains
- d) Volunteer monitoring, programs & educational activities

B. Illicit Discharge Detection and Elimination (IDDE)

1) Program Development

The City of Murphy shall develop, implement and enforce a program to detect, investigate, and eliminate illicit discharges into the Municipal Separate Storm Sewer System (MS4). The program shall include a plan to detect and address non-stormwater discharges, including illegal dumping into the MS4.

Under the previous SWMP for the City of Murphy adopted in January 2008, several BMP's were successfully implemented. Efforts will be refocused to develop and implement new BMP's, as necessary, to continue reducing the discharge of pollutants from the MS4 to the Maximum Extent Practicable (MEP). Successful BMP's will continue and new or revised BMP's described in Part III of the SWMP will progressively be implemented.

A current MS4 map has been prepared by the City of Murphy which can be viewed at City Hall and includes the following information:

- a) The location of storm sewer pipes, ditches, and other conveyances
- b) The location of all major outfalls identifying the contributing drainage area
- c) The names and locations of all waters of the U.S. that receive discharges from the outfalls

Efforts will be made to implement a method for informing or training all of the MS4 field staff that may come into contact with or otherwise observe an illicit discharge or connection to the small MS4 as part of their normal job responsibilities. Training program materials and attendance lists shall be maintained on site and made available for review by the TCEQ. Upon becoming aware of an illicit discharge within the City of Murphy, an investigation shall be conducted to identify and locate the source of such illicit discharge as soon as practical. If the source of illicit discharge extends outside the City Limit boundary, notification shall be made to the adjacent MS4 operator or TCEQ Field Operation Support Division. Once the source has been determined, the responsible party shall be immediately notified and required to perform all necessary corrective actions to eliminate the illicit discharge. On site procedures for responding to illicit discharges shall be developed and maintained as a BMP.

To the extent feasible, the City of Murphy shall publicize and facilitate public reporting of illicit discharges or water quality impacts associated with the discharges into or from the small MS4. A BMP shall be established to provide a central contact point to receive reports either through an 800-number or on the City Website.

The SWMP and MCM implementation shall be reviewed and updated as necessary. Any changes shall be reflected in the annual report.

2) Allowable Non-Stormwater Discharges

Non-stormwater flows listed in Part II, Section C of the TPDES General Permit TXR040000 do not need to be considered an illicit discharge requiring elimination unless the City of Murphy or the TCEQ identifies the flow as a significant source of pollutants to the small MS4.

The following list of allowable non-stormwater discharges do not need to be considered an illicit discharge requiring elimination unless the City of Murphy or the TCEQ identifies the flow as a significant source of pollutants to the small MS4:

- a) Water line flushing (excluding discharges of hyperchlorinated water, unless the water is first dechlorinated and discharges are not expected to adversely affect aquatic life)
- b) Runoff or return flow from landscape irrigation, lawn irrigation, and other irrigation utilizing potable water, groundwater, or surface water sources
- c) Discharge from potable water sources that do not violate Texas Surface Water Quality Standards
- d) Diverted stream flows
- e) Rising ground water and springs
- f) Uncontaminated ground water infiltration
- g) Uncontaminated pumped ground water
- h) Foundation and footing drains

- i) Air conditioning condensation
- j) Water from crawl space pumps
- k) Individual residential vehicle washing
- l) Flows from wetlands and riparian habitats
- m) Dechlorinated swimming pool discharges that do not violate Texas Surface Water Quality Standards
- n) Street wash water excluding street sweeper waste water
- o) Discharges or flows from emergency fire-fighting activities
- p) Other allowable non-stormwater discharges listed in 40 CFR 122.26(d)(2)(iv)(B)(1)
- q) Non-stormwater discharges that are specifically listed in the TPDES Multi Sector General Permit (MSGP) TXR050000 or the TPDES Construction General Permit (CGP) TXR150000
- r) Discharges that are authorized by a TPDES or NPDES permit or that are not required to be permitted
- s) Other similar occasional incidental non-stormwater discharges such as spray park water, unless the TCEQ develops permits or regulations addressing these discharges.

C. Construction Site Stormwater Runoff Control

1) Requirements and Control Measures

The City of Murphy endeavors to develop, implement and enforce a program requiring operators of small and large construction activities, as defined in Part I of the TPDES General Permit TXR040000, to select, install, implement, and maintain stormwater control measures that prevent illicit discharges to the Maximum Extent Practicable (MEP). All small and large construction activities shall be caused to develop and implement a stormwater pollution prevention plan (SW3P) in accordance with the TPDES CGP TXR150000.

2) Prohibited Discharges

- a) Wastewater from washout of concrete and wastewater from water well drilling operations
- b) Wastewater from washout and cleanout of stucco, paint, 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 commercial and/or industrial vehicle and equipment washing
- e) Discharges from dewatering activities, including discharges from dewatering of trenches and excavations unless managed by appropriate BMP's.

3) Construction Plan Review Procedures

Construction site plans shall be reviewed by the City of Murphy to consider the potential for water quality impacts. A SW3P may be required during the plan review which has been developed pursuant to CGP TXR150000. Sites less than one (1) acrea will still be required to prepare and submit an erosion control plan which the City shall inspect and enforce.

4) Construction Site Inspections and Enforcement

Construction sites shall be inspected at a frequency determined by the City of Murphy during the plan review based on the evaluation of factors that are a threat to water quality. Inspections shall determine whether the site has appropriate coverage under the TXDES CGP TXR150000, verify the implementation of MCM's, and assess compliance with City of Murphy ordinances.

5) Information submitted by the Public

The City of Murphy shall develop, implement and maintain a process for receiving and considering information submitted by the public through the City website.

6) MS4 Staff Training

City of Murphy staff whose primary job duties are related to implementing the construction stormwater program shall be informed and/or trained to conduct these activities.

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

1) Post-Construction Stormwater Management Program

The City of Murphy 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 a part of a larger common plan of development or sale. This program shall be established for public and private development sites. Owners or operators of new development and redeveloped sites shall design, install, implement and maintain a combination of structural and non-structural BMP's appropriate for the community that protects water quality. A plan addressing maintenance requirements for any structural control measured installed on site shall also be required.

The City of Murphy shall document and maintain records of enforcement actions and make them available for review by the TCEQ.

E. Pollution Prevention and Good Housekeeping for Municipal Operations

1) Program Development

The City of Murphy endeavors to develop and implement an operation and maintenance program, 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.

2) Facilities and Stormwater Controls Inventory

The City of Murphy shall develop and maintain an inventory of facilities and stormwater controls that it owns and operates within the regulated area of the MS4. The inventory will include all applicable permit numbers, registration numbers, authorizations for each facility or control and shall be available for review by the TCEQ.

3) Training & Education

Employees involved in implementing pollution prevention and good housekeeping practices shall be informed or trained to follow standard procedures. An attendance list of training classes shall be maintained and available for review by the TCEQ.

4) Disposal of Waste Material

Waste materials removed from the MS4 shall be disposed of in accordance with 30 TAC Chapters 330 or 335, as applicable.

5) Contractor Requirements and Oversight

The City of Murphy shall develop contractor oversight procedures to ensure that contractors are using appropriate control measures and SOP's. Any contractor hired by the City of Murphy to perform maintenance activities on permittee-owned facilities shall be contractually required to comply with all of the stormwater control measures, good housekeeping practices, and facility-specific stormwater management operating procedures.

6) Municipal Operation and Maintenance Activities

The City of Murphy shall evaluate operation and maintenance (O&M) activities for their potential to discharge pollutants in stormwater. Pollutants of concern that could be discharged from O&M activities shall be identified. A set of pollution prevention measures shall be developed and implemented that will reduce the discharge of pollutants from O&M activities. All pollution prevention measures implemented at permittee-owned facilities must be visually inspected to ensure that are working properly. A log of inspections shall be maintained and made available for review by the TCEQ.

7) Structural Control Maintenance

For BMP's that include structural controls, maintenance of the controls shall be performed consistent with maintaining the effectiveness of the BMP.

F. Industrial Stormwater Sources

Minimum Control Measure (MCM) No. 6 in Part III, Section B. of General Permit No. TXR040000 applies only to Level 4 small MS4s. The City of Murphy operates a Level 2 small MS4 and this MCM is not applicable.

G. Authorization for Construction Activities as the Site Operator

Minimum Control Measure (MCM) No. 7 in Part III, Section B. of General Permit No. TXR040000 is optional and provides an alternative to the MS4 operator seeking coverage under TPDES CGP, TXR150000 for each construction activity. This MCM is only available for projects where the small MS4 is a construction site operator or owner, and the MCM does not provide any authorization for other construction site operators at a municipal project. The City of Murphy elects to not implement this optional MCM.

II. LEGAL AUTHORITY

Within two years from the permit effective date, the City of Murphy shall revise the existing ordinance(s) or other regulatory mechanism(s) that provide the City with adequate legal authority to control pollutant discharges into and from the small MS4. The legal authority must, at a minimum, address the following:

- A. Authority to prohibit illicit discharges and illicit connections;
- B. Authority to respond to and contain other releases – Control the discharge of spills, and prohibit dumping or disposal of materials other than stormwater into the small MS4;
- C. Authority to require compliance with conditions in the permittee’s ordinances, permits, contracts, or orders;
- D. Authority to require installation, implementation, and maintenance of control measures;
- E. Authority to receive and collect information, such as stormwater plans, inspection reports, and other information deemed necessary to assess compliance with this permit, from operators of construction sites, new or redeveloped land, and industrial and commercial facilities
- F. Authority, as needed, to enter and inspect private property including facilities, equipment, practices, or operations related to stormwater discharges to the small MS4
- G. Authority to respond to non-compliance with BMPs required by the small MS4 consistent with ordinance(s) or other regulatory mechanism(s);
- H. Authority to assess penalties, including monetary, civil, or criminal penalties; and
- I. Ability to enter into interagency or interlocal agreements or other maintenance agreements, as necessary.

III. IMPLEMENTATION OF BEST MANAGEMENT PRACTICES (BMPs)

The tables on the following pages state the best management practices (BMP) goals necessary to implement the minimum control measures listed in Section I of this Storm Water Management Plan, including the City department responsible for implementation and outlines the implementation schedule.

PUBLIC EDUCATION, OUTREACH, AND INVOLVEMENT

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
RESIDENTS				
BMP 1.1 Pamphlets	Continue distribution of educational material to residents which includes storm water education in general per the TCEQ general permit guidelines. Pamphlets also contain information specifically relating to fertilizer, herbicide and pesticide usage, proper disposal of household hazardous waste and oils and other educational and participatory opportunities.	Director of Public Works	<ul style="list-style-type: none"> • Distribute one pamphlet as a utility bill insertion. • Distribute pamphlets to developers to place in new homes. • Place pamphlets on bulletin boards at City Hall, Library and other City places. 	Years 1 Through 5
BMP 1.2 Web Site	Develop a storm water information area on the City's web site. The web site will include storm water education in general per the TCEQ general permit guidelines. The web site will include a storm water hot line and links to other local, state and national storm water web sites.	Director of Public Works	<ul style="list-style-type: none"> • Begin Building Web Site • Web Site up and running • Web site revised/updated as needed. • Feedback regarding Murphy's storm water program solicited via the web site. 	Years 1 and 2 Year 3 Years 4 Through 5

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
BMP 1.3 Storm Drain Markers	Place storm drain markers on local storm drains in an effort to increase awareness and to prevent dumping into the storm drain system.	Director of Public Works	<ul style="list-style-type: none"> Assess the number of storm drain inlets not currently marked. Determine the number of inlets that would need to be marked in order to attain a goal of having 50% of all of the City's inlets marked, excluding inlets on arterial roads and highways. Develop an implementation plan that will result in attaining the City's goal of having 50% of all inlets marked by the end of the permit term. 	Years 1 and 2
BMP 1.4 Bumper Stickers	Continue to place at least one bumper sticker on all City vehicles. Bumper stickers will display messages stating not to dump into the storm drain system. The bumper stickers will increase awareness.	Director of Public Works	<ul style="list-style-type: none"> Continue implementation of the City's plan for installing storm drain markers, achieving the 50% marked goal by the end of the 5th year. Place bumper stickers on all City vehicles. 	Years 3 Through 5
BMP 1.5 Public Service Announcements	Develop a schedule to issue Public Service Announcements by Newsletter about meetings on the Storm Water Management Program.	Director of Public Works	<ul style="list-style-type: none"> Issue public service announcements at annually through emails or the City website. 	Years 1 through 5

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
BMP 1.6 Keep Murphy Beautiful	Maintain good standing as affiliate of "Keep Texas Beautiful".	Director of Public Works	<ul style="list-style-type: none"> • Discuss goals of "Keep Murphy Beautiful" • Develop a program with "Keep Murphy Beautiful" that reaches the goals. 	Years 1 and 2
			<ul style="list-style-type: none"> • Meet with head of "Keep Murphy Beautiful". • Discuss program and revise the program as necessary. 	Years 3 through 5
VISITORS				
See BMP 1.2 Web Site				
See BMP 1.4 Bumper Stickers				
PUBLIC SERVICE EMPLOYEES				
See BMP 1.1 Pamphlets				
See BMP 1.4 Bumper Stickers				

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
BMP 1.7 Education	Send two employees or civic leaders to attend an educational conference at least once per year. Have those employees or civic leaders teach other city employees and leaders what he or she learned. The purpose is to gather valuable training and teach others to further educate the City staff.	Director of Public Works	<ul style="list-style-type: none"> • Have at least two people representing the City attend an educational conference. • Have representatives develop a workshop to teach other City employees & leaders. 	Years 1 Through 5
BUSINESS				
See BMP 1.1 Pamphlets				
BMP 1.8 Business Partnership	Develop a relationship with the local businesses in the area.	Director of Public Works	<ul style="list-style-type: none"> • Contact Local businesses. • Obtain feedback from businesses. • Distribute information, when needed, via the Internet. 	Years 1 and 2 Year 3 Through 5
COMMERCIAL AND INDUSTRIAL FACILITIES				
See BMP 1.1 Pamphlets				
See BMP 1.8 Business Partnership				

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
CONSTRUCTION SITE PERSONNEL				
See BMP 1.1 Pamphlets				
BMP 1.9 Storm Water Pollution Prevention Plan (SW3P) Details Page	Continue to require inclusion of SW3P detail sheets in construction plans.	Director of Public Works	<ul style="list-style-type: none"> Have all contractors submit the SW3P document with their construction plans. 	Years 1 Through 5

ILLCIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
ILLCIT DISCHARGE DETECTION AND ELIMINATION				
BMP 2.1 Dry Weather Screening	Continue program to screen City's Storm Water outfalls	Director of Public Works	<ul style="list-style-type: none"> Conduct visual dry weather screening of 50% of the City's Storm water outfalls per year for all outfalls in target areas. 	Years 1 Through 5
BMP 2.2 Illicit Discharges Detection	Conduct inspections of sites suspected of illicit discharge.	Director of Public Works	<ul style="list-style-type: none"> Adopt an ordinance that give the City the authority to inspect sites suspected of illicit discharges. Develop a program to inspect suspected sites. Train appropriate personnel on inspection of sites suspected of illegal discharge. 	Years 1 and 2
BMP 2.3 Elimination of Illicit Connections	Develop a program to eliminate illicit connections found in the City's storm water system	Director of Public Works	<ul style="list-style-type: none"> Conduct inspections in accordance with inspection procedures for identified or suspected sources of illicit discharges or illegal dumping as identified from dry weather screening, and from tips received from the City's storm water website. Adopt an ordinance that gives the City the right to require property owners to eliminate illicit discharges. Develop standard verification procedures. Train appropriate personnel on program. Require and verify the elimination of all identified illicit connections. 	Years 3 Through 5 Years 1 and 2 Years 3 through 5

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
NON-STORM WATER DISCHARGES				
BMP 2.4 Non-Storm Water Discharge Program	Develop a program and ordinance that addresses non-storm water discharge and methods to remedy the situation.	Director of Public Works	<ul style="list-style-type: none"> • Adopt an ordinance that prohibits non-storm water discharges that significantly contribute pollutants to the MS4. In the ordinance allow the City to inspect all suspected sites and require property owners to eliminate the cause. • Develop a program that detects and addresses non-storm water and illegal dumping to the MS4. • Train appropriate personnel on the program. • Conduct program 	Years 1 and 2
STORM SEWER MAP				
BMP 2.5 Storm Sewer Map	Maintain & update map of the City's storm sewer system as required by the TCEQ's general permit	Director of Public Works	Update system map once each year.	Year 1 Through 5

CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
BMP 3.1 Construction Site Storm Water Runoff Control	Develop and implement a program on controlling erosion at construction sites.	Director of Public Works	<ul style="list-style-type: none"> • Adopt an ordinance that allows the City to enforce erosion control at construction sites. • Implement erosion, sediment and waste discharge controls on construction sites. • Implement site plan reviews to confirm BMP's. 	Years 1 and 2
			<ul style="list-style-type: none"> • Implement site inspection procedures. 	Years 3 through 5

POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
<p>BMP 4.1 Post Construction Storm Water Management</p>	<p>Develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development of sale that will result in disturbance of one or more acres, that discharge into the small MS4.</p>	<p>Director of Public Works</p>	<ul style="list-style-type: none"> • Participate in NCTCOG's iSWM Manual. • Create a Development Review Committee. • Implement and enforce applicable post-construction storm water management criteria and standards. • Create and implement periodic inspection program for post construction BMPs. • Adopt an ordinance to enforce post construction run-off. 	<p>Years 1 through 5</p>

POLLUTION PREVENTION / GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
GOOD HOUSEKEEPING AND BEST MANAGEMENT PRACTICES				
BMP 5.1 Park and Open Space Maintenance	Develop a program to maintain the parks and open space in the City in order to reduce the amounts of pollutants entering in the water.	Parks Director	<ul style="list-style-type: none"> • Install Pooper Scooper Stations in the parks. • Train employees on erosion control practice. • Track the number of educational material distributed on proper disposal of pet waste. • Evaluate park irrigation system. Consider installing drip or trickle irrigation systems for future irrigation systems. • Develop herbicide & pesticide management program. 	Years 1 through 5
BMP 5.2 Street, Road and Highway Maintenance	Develop a program to maintain the streets, roads and highways in the City in order to reduce the amounts of pollutants entering in the water.	Director of Public Works	<ul style="list-style-type: none"> • Implement street sweeping program. • Investigate alternatives to road salt using environmentally friendly ice melt. • Repair damaged curbs to prevent erosion. 	Years 1 through 5

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
BMP 5.3 Fleet and Building Maintenance	Develop a program to maintain the fleet center in the City in order to reduce the amounts of pollutants entering in the water.	Director of Public Works	<ul style="list-style-type: none"> • Develop assessment of existing fleet center operations and infrastructure. Make improvements based on the recommendations of the assessment, if necessary. • Develop a Storm Water Management Program for the fleet center. • Develop a spill response plan for the fleet center. 	Years 1 through 5
BMP 5.4 Storm Water System Maintenance	Develop a program to maintain the City's storm sewer system in order to reduce the amounts of pollutants entering in the water.	Director of Public Works	<ul style="list-style-type: none"> • Conduct visual inspections of the City's storm sewer inlets. Begin conducting visual inspections of the City's storm sewer. • Monitor and track storm sewer cleaning activities. • Develop a schedule and track outfall cleaning. • Develop a program to track the amount of trash, sediment and other pollutants removed during cleaning. • Develop a program to track water quality at drain system outfalls. 	Years 1 through 5
BMP 5.5 New Construction & Land Disturbances	Develop a program to maintain new construction and land disturbances in the City in order to reduce the amounts of pollutants entering in the water.	Director of Public Works	<ul style="list-style-type: none"> • Train inspectors in erosion control. • Implement erosion control for all project within the City where the land disturbance is more than one-acre. 	Years 1 through 5

Best Management Practices	BMP Description	Personnel Responsible	Measurable Goals	Implementation Schedule
BMP 5.6 Municipal Parking Lots	Develop a program to maintain municipal parking lots in the City in order to reduce the amounts of pollutants entering in the water.	Director of Public Works	<ul style="list-style-type: none"> • Clean and sweep parking lots twice per year. • Develop a Storm Water Management Program for all municipal parking lots. 	Years 1 through 5
BMP 5.7 Vehicle and Equipment Maintenance and Storage Yards	Develop a program to maintain vehicles, equipment and storage yards in the City in order to reduce the amounts of pollutants entering in the water.	Director of Public Works	<ul style="list-style-type: none"> • Develop an assessment of washdown and maintenance facilities & make improvements based on the recommendations. • Develop a Storm Water Management Program for the washdown and maintenance facilities. • Develop a spill response plan for the washdown and maintenance facilities. • Develop an inspection schedule for all equipment 	Years 1 through 5
BMP 5.8 Salt/Sand Storage Location	Develop a program to maintain the salt/sand storage locations in the City in order to reduce the amounts of pollutants entering in the water.	Director of Public Works	<ul style="list-style-type: none"> • Develop an assessment of the salt/sand storage locations and make improvements based on the recommendations. • Develop a Storm Water Management Program for the salt/sand storage locations. 	Years 1 through 5
TRAINING				
BMP 5.9 Good Housekeeping and Pollution Prevention Training	Develop a training program to train all City employees in good housekeeping and pollution prevention	Director of Public Works	<ul style="list-style-type: none"> • Send new employees to NCTCOG storm water classes. 	Years 1 through 5

IV. IMPAIRED WATER BODIES AND TOTAL MAXIMUM DAILY LOAD (TMDL) REQUIREMENTS

Storm water for the City of Murphy's MS4 discharges into Lake Ray Hubbard. Lake Ray Hubbard is not an impaired water body according to the latest TCEQ and EPA approved Clean Water Act (CWA) 303(d) list.

APPENDIX “A”

***Stormwater Management Plan
Implementation Schedule***

BMP 1.1 Pamphlets

year 1	year 2	year 3	year 4	year 5
Distribute one pamphlet as a utility bill insertion.				
Distribute pamphlets to developers to place in new homes.				
Place pamphlets on bulletin boards at City Hall, Library and other City places.				

BMP 1.2 Website

year 1	year 2	year 3	year 4	year 5
Begin building website.				
		Website up and running.		
			Website revised / updated as needed.	
				Feedback regarding Murphy's storm water program solicited via the website.

BMP 1.3 Storm Drain Markers

year 1	year 2	year 3	year 4	year 5
Assess the number of storm drain inlets not currently marked. Determine the number of inlets that would need to be marked in order to attain a goal of having 50% of all of the City's inlets marked, excluding inlets on arterial roads & highways.				
Develop an implementation plan that will result in attaining the City's goal of having 50% of all inlets marked by the end of the permit term.				
Continue implementation of City's plan for installing storm drain markers, achieving the 50% marked goal by the end of the 5th year.				

BMP 1.4 Bumper Stickers

year 1	year 2	year 3	year 4	year 5
Place bumper stickers on all City vehicles.				

BMP 1.5 Public Service Announcements

year 1	year 2	year 3	year 4	year 5
Issue public service announcements through email or on the City website.				

BMP 1.6 Keep Murphy Beautiful

year 1	year 2	year 3	year 4	year 5
Discuss goals of "Keep Murphy Beautiful"				
Develop a program with "Keep Murphy Beautiful" that reaches the goals.				
Meet with head of "Keep Murphy Beautiful".				
Discuss program and revise the program as necessary.				

BMP 1.7 Education

year 1	year 2	year 3	year 4	year 5
Have at least two people representing the City attend an educational conference.				
Have representatives develop a workshop to teach other City employees & leaders.				

BMP 1.8 Business Partnership

year 1	year 2	year 3	year 4	year 5
Contact Local businesses.				
		Obtain feedback from businesses.		
		Distribute information, when needed, via the Internet.		

BMP 1.9 SW3P Details Page

year 1	year 2	year 3	year 4	year 5
Have all contractors submit the SW3P document with their construction plans.				

BMP 2.1 Dry Weather Screening

year 1	year 2	year 3	year 4	year 5
Conduct visual dry weather screening of 50% of the City's Storm water outfalls per year for all outfalls in target areas.				

BMP 2.2 Illicit Discharges Detection

year 1	year 2	year 3	year 4	year 5
Adopt an ordinance that give the City the authority to inspect sites suspected of illicit discharges.				
Develop a program to inspect suspected sites.				
Train appropriate personnel on inspection of sites suspected of illegal discharge.				
Conduct inspections in accordance with inspection procedures for identified or suspected sources of illicit discharges or illegal dumping as identified from dry weather screening, and from tips received from the City's storm water website.				

BMP 2.3 Elimination of Illicit Connections

year 1	year 2	year 3	year 4	year 5
Adopt an ordinance that gives the City the right to require property owners to eliminate illicit discharges.				
Develop standard verification procedures.				
Train appropriate personnel on program.				
Require and verify the elimination of all identified illicit connections.				

BMP 2.4 Non-Storm Water Discharge Program

year 1	year 2	year 3	year 4	year 5
<p>Adopt an ordinance that prohibits non-storm water discharges that significantly contribute pollutants to the MS4. In the ordinance allow the City to inspect all suspected sites and require property owners to eliminate the cause.</p>				
<p>Develop a program that detects and addresses non-storm water and illegal dumping to the MS4.</p>				
<p>Train appropriate personnel on the program.</p>				
<p>Conduct Program.</p>				

BMP 2.5 Storm Sewer Map

year 1	year 2	year 3	year 4	year 5
<p>Update system map once each year.</p>				

BMP 2.6 Leaking On-site Sewage Disposal Systems Detection

year 1	year 2	year 3	year 4	year 5
<p>Adopt an ordinance that gives the City the authority to inspect on-site sewage disposal systems suspected of leaking.</p>				
<p>Develop a program to inspect on-site sewage disposal systems.</p>				
<p>Train appropriate personnel on inspection of on-site sewage disposal systems.</p>				
<p>Conduct inspections in accordance with inspection procedures for identified or suspected leaking on-site sewage disposal systems.</p>				

BMP 3.1 Construction Site Storm Water Runoff Control

year 1	year 2	year 3	year 4	year 5
Adopt an ordinance that allows the City to enforce erosion control at construction sites.				
Implement erosion, sediment and waste discharge controls on construction sites.				
Implement site plan reviews to confirm BMP's.				
Implement site inspection procedures.				

BMP 4.1 Post Construction Storm Water Management

year 1	year 2	year 3	year 4	year 5
Participate in NCTCOG's iSWM Manual.				
Create a Development Review Committee.				
Implement and enforce applicable post-construction storm water management criteria and standards.				
Create and implement periodic inspection program for post construction BMPs.				
Adopt an ordinance to enforce post construction run-off.				

BMP 5.1 Park and Open Space Maintenance

year 1	year 2	year 3	year 4	year 5
Install Pooper Scooper Stations in the parks.				
Train employees on erosion control practice.				
Track the number of educational material distributed on proper disposal of pet waste.				
Evaluate park irrigation system. Consider installing drip or trickle irrigation systems for future irrigation systems.				
Develop herbicide & pesticide management program.				

BMP 5.2 Street, Road and Highway Maintenance

year 1	year 2	year 3	year 4	year 5
Implement street sweeping program.				
Investigate alternatives to road salt using environmentally friendly ice melt.				
Repair damaged curbs to prevent erosion.				

BMP 5.3 Fleet and Building Maintenance

year 1	year 2	year 3	year 4	year 5
Develop assessment of existing fleet center operations and infrastructure. Make improvements based on the recommendations of the assessment, if necessary.				
Develop a Storm Water Management Program for the fleet center.				
Develop a spill response plan for the fleet center.				

BMP 5.4 Storm Water System Maintenance

year 1	year 2	year 3	year 4	year 5
Conduct visual inspections of the City's storm sewer inlets. Begin conducting visual inspections of the City's storm sewer.				
Monitor and track storm sewer cleaning activities.				
Develop a schedule and track outfall cleaning.				
Develop a program to track the amount of trash, sediment and other pollutants removed during cleaning.				
Develop a program to track water quality at drain system outfalls.				

BMP 5.5 New Construction & Land Disturbances

year 1	year 2	year 3	year 4	year 5
Train inspectors in erosion control.				
Implement erosion control for all projects within the City where the land disturbance is more than one-acre.				

BMP 5.6 Municipal Parking lots

year 1	year 2	year 3	year 4	year 5
Clean and sweep parking lots twice per year.				
Develop a Storm Water Management Program for all municipal parking lots.				

BMP 5.7 Vehicle, Equipment Maintenance, and Storage Yard

year 1	year 2	year 3	year 4	year 5
Develop an assessment of washdown and maintenance facilities & make improvements based on the recommendations.				
Develop a Storm Water Management Program for the washdown and maintenance facilities.				
Develop a spill response plan for the washdown and maintenance facilities.				
Develop an inspection schedule for all equipme.				

BMP 5.8 Salt/Sand Storage Location

year 1	year 2	year 3	year 4	year 5
Develop an assessment of the salt/sand storage locations and make improvements based on the recommendations.				
Develop a Storm Water Management Program for the salt/sand storage locations.				

BMP 5.9 Good Housekeeping and Pollution Prevention Training

year 1	year 2	year 3	year 4	year 5
Send new employees to NCTCOG storm water classes six months after they are hired.				

APPENDIX “B”

TCEQ Notice of Intent (NOI)

Form #20368



Notice of Intent (NOI) for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4) under the TPDES Phase II MS4 General Permit (TXRo40000)

IMPORTANT:

- Use the [INSTRUCTIONS](#) to fill out each question in this form.
- Use the [CHECKLIST](#) to make certain you filled out all required information. Incomplete applications WILL delay approval or result in automatic denial.
- Once processed your authorization can be viewed at: http://www2.tceq.texas.gov/wq_dpa/index.cfm

APPLICATION FEE:

- You must pay the **\$100** Application Fee to TCEQ for the paper application to be complete.
 - Payment and NOI must be mailed to separate addresses.
 - Did you know you can pay on line?
 - Go to <https://www3.tceq.texas.gov/epay/index.cfm>
 - Select Fee Type: GENERAL PERMIT MS4 PHASE II STORM WATER DISCHARGE NOI APPLICATION
 - **Provide your payment information below, for verification of payment:**
 - Mailed Check/Money Order No.: _____
Name Printed on Check: _____
 - EPAY Voucher No.: _____
- Is the Payment Voucher copy attached? Yes

One (1) copy of the NOI and Stormwater Management Program (SWMP) with the completed SWMP Cover Sheet MUST be submitted with the original NOI and SWMP.

Is the copy attached? Yes

RENEWAL: Is this NOI a Renewal of an existing Phase II MS4 General Permit Authorization?

(Note: An authorization cannot be renewed after June 11, 2014.)

- Yes The existing authorization number is: TXRo4_0357
(If an authorization number is not provided, a new number will be assigned.)
- No

1) OPERATOR (Applicant)

a. If the applicant is currently a customer with TCEQ, what is the Customer Number (CN) issued to this entity? You may search for your CN at:

<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

CN 600697247

b. What is the Legal Name of the entity (applicant) applying for this permit?

City of Murphy

(The exact legal name must be provided.)

c. What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC 305.44(a).

Prefix (Mr. Ms. Miss): Mr.

First/Last Name: James Fisher Suffix: _____

Title: City Manager Credential: _____

d. What is the contact information for the Operator Contact (Responsible Authority)? The mailing address must be recognized by the US Postal Service. You may verify the address at:

<https://tools.usps.com/go/ZipLookupAction!input.action>

Phone Number: (972) 468-4024 Ext: _____ Fax Number: (972) 468-4034

E-mail: BRockey@murphytx.org

Mailing Address: 206 N. Murphy Road

Internal Routing (Mail Code, Etc.): _____

City: Murphy State: Texas ZIP Code: 75094

If outside USA: Territory: _____ Country Code: _____ Postal Code: _____

e. Indicate the type of Customer (The instructions will help determine your customer type):

Federal Government

State Government

County Government

City Government

Other Government

f. Number of Employees:

0-20;

21-100;

101-250;

251-500; or

501 or higher

2) BILLING ADDRESS

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

Is the billing address the same as the Operator Address?

Yes, go to Section 3).

No, complete section below

Phone Number: _____ Ext: _____ Fax Number: _____

E-mail: _____

Mailing Address: _____

Internal Routing (Mail Code, Etc.): _____

City: _____ State: _____ ZIP Code: _____

Mailing Information if outside USA:

Territory: _____ Country Code: _____ Postal Code: _____

3) REGULATED ENTITY (RE) INFORMATION

If the site of your business is part of a larger business site or if other businesses were located at this site before yours, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to see if the larger site may already be registered as a regulated site at:

<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch>.

If the site is found, provide the assigned Regulated Entity Reference Number and provide the information for the site to be authorized through this application below. The site information for this authorization may vary from the larger site information.

- a. TCEQ issued RE Reference Number (RN): RN 105603526
- b. Name that is used to identify the small MS4 (Example: City of XXX MS4)
City of Murphy MS4
- c. Provide a brief description of the regulated MS4 boundaries: (Example: Area within the City of XXXX limits that is located within the xxx (e.g. Dallas) urbanized area):
Area within the City of Murphy Limits that is located within the Dallas Urbanized Area
- d. County where the largest residential population exists within the regulated MS4 boundaries:
Collin County

Is the MS4 located within additional counties?

Yes – If Yes, what county (or counties)?

No

- e. Latitude: N 33.010233 Longitude: W 96.606959

4) GENERAL CHARACTERISTICS

- a. Is the project/site located on Indian Country Lands?
 Yes – If Yes, you must obtain authorization through EPA, Region 6.
 No
- b. What is applicant's Standard Industrial Classification (SIC) code?
SIC Code: 9199
- c. What is the category or level of the MS4 based on the population served?
 Level 1: Operators of traditional small MS4s that serve a population of less than 10,000 within an urbanized area (UA).
 Level 2: Operators of traditional small MS4s that serve a population of at least 10,000 but less than 40,000 within an UA.

This category also includes all non-traditional small MS4s such as counties, drainage districts, transpiration entities, military bases, universities, colleges, correctional institutions, municipal utility districts and other special districts regardless of population served within the UA, unless the non-traditional MS4 can demonstrate that it meets the criteria for a waiver from permit coverage based on the population served.

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

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

d. Has TCEQ "designated" the small MS4 as needing coverage under this general permit?

Yes

No - If No and no portion of the small MS4 is located within an UA as determined by the 2000 or 2010 Decennial Census by the U.S Bureau of Census requiring a NOI be submitted, the operator is not eligible for coverage under this general permit through the NOI.

e. What is your annual reporting year?

Calendar year

MS4 general permit year

Fiscal year – If Fiscal year, what is the last day of the fiscal year? _____

f. Stormwater Management Program (SWMP)

1. I certify that the SWMP submitted with this Notice of Intent has been developed according to the provisions of this general permit TXRO40000.

Yes

No – If No, the application is considered incomplete and may be returned.

2. I certify that the SWMP Cover Sheet is completed and attached to the front of the SWMP.

Yes

No – If No, the application is considered incomplete and may be returned.

3. Who is the person responsible for implementing or coordinating implementation of the SWMP? (Note: All contact information requested below is required.)

First/Last Name: Brad Rockey

Title: Public Works Superintendent Company: City of Murphy

Phone Number: (972) 468-4024 Ext: _____ Fax Number: (972) 468-4034

E-mail: BRockey@murphytx.org

Mailing Address: 206 N. Murphy Road

Internal Routing (Mail Code, Etc.): _____

City: Murphy State: Texas ZIP Code: 75094

g. 7th Minimum Control Measure (MCM) for Municipal Construction Activities

1. Is the MCM for authorization to discharge stormwater from municipal construction activities included with the attached SWMP?

Yes – If Yes, what are the boundaries within which those activities will occur?

(Note: If the boundaries are located outside of the urbanized area, then the entire SWMP must also incorporate the additional areas.)

No _____

2. Is the discharge or potential discharge from regulated construction activities within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer?

Yes – If Yes, please note that a copy of the agency approved Water Pollution Abatement Plan (WPAP) required by the Edward Aquifer Rule (30 TAC Chapter 213) must be either included or referenced in the construction stormwater pollution prevention plan(s).

No

h. Discharge Information

1. What is the name of the water body (ies) receiving stormwater from the MS4?

Lake Ray Hubbard

2. What is the classified segment(s) that receives discharges, directly or indirectly, from the small MS4?

o820

3. Are any of the surface water body (ies) receiving discharges from the small MS4 on the latest EPA-approved Clean Water Act (CWA) §303(d) list of impaired waters?

Yes – If Yes:

What is the name of the impaired water body (ies) receiving the discharge from the small MS4?

What are the pollutants of concern?

No

4. Is the discharge into any other MS4 prior to discharge into surface water in the state?

Yes – If Yes, what is the name of the MS4 Operator?

No

i. Edwards Aquifer

Is the discharge or potential discharge from the MS4 within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer?

Yes - If Yes, complete certification below by checking "Yes".

No

I certify that a copy of the TCEQ approved WPAP required by the Edwards Aquifer Rule (30 TAC Chapter 213) is either included or referenced in the SWMP.

Yes

j. Public Participation Process

The Office of Chief Clerk will send the operator or person responsible for publishing, the notice of the executive director's preliminary determination of the NOI and SWMP, in a newspaper of general circulation in the county where the small MS4 is located. If multiple

counties, notice must be published at least once in the newspaper of general circulation in the county containing the largest resident population.

The applicant must file with the Chief Clerk a copy of an affidavit of the publication within 60 days of receiving the written instructions from the Office of Chief Clerk.

1. I will comply with the Public Participation requirements described in Part II.E.12 of the general permit.

Yes

No – If No, coverage under this general permit is not obtainable.

2. Who is the person responsible for publishing notice of the executive director's preliminary determination on the NOI and SWMP? (Note: All contact information requested below is required.)

First/Last Name: Brad Rockey

Title: Public Works Superintendent Company: City of Murphy

Phone Number: (972) 468-4028 Ext: _____ Fax Number: (972) 468-4034

E-mail: BRockey@murphytx.org

Mailing Address: 206 N. Murphy Road

Internal Routing (Mail Code, Etc.): _____

City: Murphy State: Texas ZIP Code: 75094

3. What is the name and location of the public location where copies of the NOI and SWMP, as well as the executive director's general permit and fact sheet, may be reviewed?

Name of Public Place: City of Murphy City Hall

Address of Public Place: 206 N. Murphy Road

County of Public Place: Collin County

5) CERTIFICATION

Check Yes to the certifications below. Failure to indicate Yes to **ALL** items may result in denial of coverage under the general permit.

- a. I certify that I have obtained a copy and understand the terms and conditions of the Phase II (Small) MS4 General Permit TXRo40000. Yes
- b. I certify that the small MS4 qualifies for coverage under the general permit TXRo40000. Yes
- c. I understand that a Notice of Termination (NOT) must be submitted when this authorization is no longer needed. Yes
- d. I understand that authorization active on September 1st of each year will be accessed an Annual Water Quality Fee. Yes

Operator Certification:

I, James Fisher City Manager
Typed or printed name *Title*

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

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

Signature: _____ Date: _____
(Use blue ink)

NOTICE OF INTENT CHECKLIST (TXRo40000)

- Did you complete everything? Use this checklist to be sure!
- Are you ready to mail your form to TCEQ? Go to the General Information Section of the Instructions for mailing addresses.

This checklist is for use by the operator to ensure a complete application. Missing information may result in denial of coverage under the general permit. (See NOI process description in the Instructions)

Application Fee:

If paying by Check:

- Check was mailed **separately** to the TCEQs Cashier's Office. (See Instructions for Cashier's address and Application address.)
- Check number and name on check is provided in this application.

If using ePay:

- The voucher number is provided in this application or a copy of the voucher is attached.

AUTHORIZATION NUMBER:

- Authorization number provided – if this application is for renewal of an existing authorization.

OPERATOR INFORMATION - Confirm each item is complete:

- Customer Number (CN) issued by TCEQ Central Registry
- Legal name as filed to do business in Texas (Call TX SOS 512/463-5555)
- Name and title of responsible authority signing the application
- Mailing address is complete & verifiable with USPS. www.usps.com
- Phone numbers/e-mail address
- Type of operator (entity type)
- Number of employees
- Billing address is complete & verifiable with USPS. <http://www.usps.com>

REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE - Confirm each item is complete:

- MS4/Regulated Entity Name
- Site description
- Latitude and longitude <http://www.tceq.texas.gov/gis/sqmaview.html>
- County
- Site/project physical address. Do not use a rural route or post office box.
- Business description

GENERAL CHARACTERISTICS - Confirm each item is complete:

- Indian Country Lands –the facility is not on Indian Country Lands
- Standard Industrial Classification (SIC) Code www.osha.gov/oshstats/sicsr.html
- Level of MS4
- Qualifying TCEQ “Designated” small MS4
- Annual Reporting Year
- 7th Minimum Control Measurement (MCM) for Municipal Construction Activities
- Discharge information
- Edwards Aquifer rule
- Public participation information

CERTIFICATION

- Certification statements have been checked indicating “Yes”
- Signature meets 30 Texas Administrative Code (TAC) 305.44 and is original.
- Stormwater Management Program (SWMP), and completed SWMP Cover Sheet are attached to the NOI.

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

General Information and Instructions

GENERAL INFORMATION

Where to Send the Notice of Intent (NOI):

BY REGULAR U.S. MAIL:

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

BY OVERNIGHT/EXPRESS MAIL:

Texas Commission on Environmental Quality
Applications Review and Processing Team
(MC-148)
12100 Park 35 Circle
Austin, TX 78753

TCEQ Contact List:

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

Notice of Intent Process:

When your NOI and SWMP is received by the program, the form will be processed as follows:

- 1) Administrative Review:** Each item on the form will be reviewed for a complete response. In addition, the operator's legal name must be verified with Texas Secretary of State as valid and active (if applicable). The address(s) on the form must be verified with the US Postal service as receiving regular mail delivery. Never give an overnight/express mailing address.

An application will not be declared administratively complete or approved if delinquent fees and/or penalties of \$25 or more are owed to the TCEQ. All such fees must be paid prior to approval of the NOI.
- 2) Notice of Deficiency:** If an item is incomplete or not verifiable as indicated above, a notice of deficiency (NOD) will be mailed to the operator. The operator will have 30 days to respond to the NOD. The response will be reviewed for completeness.
- 3) Technical Review of SWMP:** More information may be requested by phone or technical NOD letter mailed to the SWMP contact. The executive director's preliminary determination on the NOI and SWMP will be prepared and filed with the TCEQ Chief Clerk.
- 4) Public Participation Process:** The TCEQ Chief Clerk will mail written instructions for publishing the executive director's preliminary determination on the NOI and SWMP at least once in the newspaper of general circulation in the county where the small MS4 is located. If applicable, a public meeting may be held.

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

-or-

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

General Permit

Coverage under the general permit begins upon approval by the TCEQ. You should have a copy of the general permit when submitting your application. You may view and print the permit for which you are seeking coverage, on the TCEQ web site <http://www.tceq.texas.gov>. Search using key word TXR040000.

General Permit Forms

The Notice of Intent (NOI), Notice of Termination (NOT), and Notice of Change (NOC) (including instructions) are available in Adobe Acrobat PDF format on the TCEQ web site <http://www.tceq.texas.gov>.

Change in Operator

An authorization under the general permit is not transferable. If the operator of the regulated entity changes, the present permittee must submit a Notice of Termination and the new operator must submit a Notice of Intent. The NOT and NOI must be submitted concurrently not more than ten (10) calendar days after the change occurs.

TCEQ Central Registry Core Data Form

The Core Data Form has been incorporated into this form. Do not send a Core Data Form to TCEQ. After final acknowledgment of coverage under the general permit, the program will assign a Customer Number and Regulated Entity Number.

You can find the information on the Central Registry web site at <http://www12.tceq.texas.gov/crpub/index.cfm>. You can search by the Regulated Entity (RN), Customer Number (CN) or Name (Permittee), or by your authorization number under the search field labeled *Additional ID*. Capitalize all letters in the authorization number.

The Customer (Permittee) is responsible for providing consistent information to the TCEQ, and for updating all CN and RN data for all authorizations as changes occur. For General Permits, a Notice of Change form must be submitted to the program area.

Fees associated with a General Permit

Payment of the fee may be made by check or money order, payable to TCEQ, or through EPAY (electronic payment through the web).

Application Fee: This fee is required to be paid at the time the NOI is submitted. Failure to submit payment at the time the application is filed will cause delays in acknowledgment or denial of coverage under the general permit.

Mailed Payments:

Payment must be mailed under separate cover at one of the addresses below using the attached Application Fee submittal form. (DO NOT SEND A COPY OF THE NOI WITH THE APPLICATION FEE SUBMITTAL FORM)

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

BY OVERNIGHT/EXPRESS MAIL
Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circles
Austin, TX 78753

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

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

Annual Water Quality Fee: This fee is assessed to permittees with an active authorization under the general permit on September 1 of each year. The designated billing contact will receive an invoice for payment of the annual fee in December of each year. The payment will be due 30 days from the invoice date. A 5% penalty will be assessed if the payment is received by TCEQ after the due date. Annual fee assessments cannot be waived as long as the authorization under the general permit is active on September 1.

It's important for the permittees to submit a Notice of Termination (NOT) when coverage under the general permit is no longer required. A NOT is effective on the postmarked date of mailing the form to TCEQ. It is recommended that the NOT be mailed using a method that documents the date mailed and received by TCEQ.

Mailed Payments:

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

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

You must enter your account number provided at the top portion of your billing statement.

Payment methods include American Express, MasterCard, Visa, and electronic check payment (ACH).

INSTRUCTIONS FOR FILLING OUT THE NOI FORM

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

1. Operator (Applicant)

a) Enter assigned Customer Number (CN)

TCEQ's Central Registry will assign each customer a number that begins with CN, followed by nine digits. **This is not an authorization number, registration number, or license number.**

If this customer has not been assigned a CN, leave the space for the CN blank. If this customer has already been assigned this number, enter the permittee's CN.

b) Legal Name

Provide the current legal name of the permittee.

c) Operator Mailing Address

Provide a complete mailing address for receiving mail from the TCEQ. The address must be verifiable with the US Postal Service at <http://www.usps.com> for regular mail delivery (not overnight express mail). If you find that the address is not verifiable using the USPS web search, please indicate the address is used by the USPS for regular mail delivery.

The area code and phone number should provide contact to the operator. Leave Extension blank if not applicable.

The fax number and e-mail address are optional and should correspond to the operator.

d) Type of Customer (Entity Type)

Check only one box that identifies the type of entity. Use the descriptions below to identify the appropriate entity type. Note that the selected entity type also indicates the name that must be provided as an applicant for a permit, registration or authorization.

Government

Federal, state, county, or city government (as appropriate)

The customer is either an agency of one of these levels of government or the governmental body itself. The government agency's 'legal name' must be provided as the applicant. A department name or other description of the organization should not be included as a part of the 'legal name' as applicant.

Other Government

A utility district, water district, tribal government, college district, council of governments, or river authority. Write in the specific type of government.

e) Number of Employees

Check one box to show the number of employees for this customer's entire company, at all locations. This is not necessarily the number of employees at the site named in the application.

2. BILLING ADDRESS

An annual fee is assessed to each operator holding an active authorization under the general permit on September 1 of each year. Provide the complete mailing address where the annual fee invoice should be mailed. Verify the address with the USPS. It must be an address for delivery of regular mail, not overnight express mail. Also, provide a phone number of the operator's representative responsible for payment of the invoice.

Country Mailing Information: If this address is outside the United States, enter the territory name, country code, and any non-ZIP mailing codes or other non-U.S. Postal Service features here. If this address is inside the United States, leave these spaces blank.

3. REGULATED ENTITY (RE) INFORMATION ON PROJECT OR SITE

a) Regulated Entity Reference Number (RN)

A number issued by TCEQ's Central Registry to sites (a location where a regulated activity occurs) regulated by TCEQ. This is not an authorization number, registration number, or license number. If this regulated entity has not been assigned an RN, leave this space blank.

If the site of your business is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search TCEQ's Central Registry to see if the larger site may already be registered as a regulated site at:

<http://www12.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch>

If the site is found, provide the assigned Regulated Entity Reference Number (RN) and provide the information for the site to be authorized through this application. The site information for this authorization may vary from the larger site information.

An example is a chemical plant where a unit is owned or operated by a separate corporation that is accessible by the same physical address of your unit or facility. Other examples include industrial parks identified by one common address but different corporations have control of defined areas within the site. In both cases, an RN would be assigned for the physical address location and the permitted sites would be identified separately under the same RN.

b) Site/Project Name/Regulated Entity

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

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

In your own words, briefly describe the boundaries of the regulated portion of the small MS4. Do not repeat the SIC Code description.

d) County

Identify the county or counties in which the regulated entity is located.

e) Latitude and Longitude

Enter the latitude and longitude of the site in degrees, minutes, and seconds or decimal form. For help obtaining the latitude and longitude, go to:

<http://www.tceq.texas.gov/gis/sqmaview.html> or <http://nationalmap.gov/ustopo>

f) Site mailing address

Provide a complete mailing address to be used by TCEQ for receiving mail. In most cases, the address is the same as the operator. If so, simply place a check mark in the box. If you provide a different address, please verify the address with USPS as instructed above for the operator address.

4. GENERAL CHARACTERISTICS

a. Indian Country Lands

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

Indian Country means (1) all land within the limits of any American Indian reservation under the jurisdiction of the U.S. government, notwithstanding the issuance of any patent, and including rights-of-way running throughout the reservation; (2) all dependent Indian communities within the borders of the United States whether within the original or subsequently acquired territory thereof, and whether within or outside the limits of a State;

and (3) all Indian allotments, the Indian titles which have not been extinguished, including rights-of-way running through the same.

Indian Tribe means any Indian Tribe, band, nation, or community recognized by the Secretary of the Interior and exercising substantial governmental duties and powers.

b. Standard Industrial Classification (SIC) code

Provide the SIC code that best describes the operator's primary business. Common SIC Codes are provided below. For help with SIC codes, go to:

www.osha.gov/oshstats/sicscr.html

- 9111 - Executive offices (such as for a city, county, ect.)
- 8221 - Colleges, Universities, and Professional Schools
- 8222 - Junior Colleges and Technical Institutes
- 9621 - Regulation and Administration of Transportation Programs
- 4111 - Local and Suburban Transit
- 4952 - Sewerage Systems
- 4971 - Irrigation Systems
- 9223 - Correctional Institutions
- 9511 - Air and Water Resource and Solid Waste Management (including flood control, drainage development, etc.)

c. Category or level of the MS4

The general permit defines MS4s by four different categories or levels, based on the population served within the 2010 UA. "Population served" means the residential population within the regulated portion of the small MS4 based on the 2010 Census, except for non-traditional small MS4s.

A reference map identifying the 2010 Census UAs can be found at

www.epa.gov/npdes/stormwater/urbanmaps

d. TCEQ "Designated" small MS4

A small MS4 that is outside of urbanized area that is "designated" by TCEQ is eligible for coverage under this general permit. The small MS4 Operator must obtain authorization under this general permit or apply for coverage under an individual TPDES stormwater permit within 180 days of notification of their designation.

Information about urbanized areas (UAs) and a link to the UA maps are found on the EPAs website at: <http://cfpub1.epa.gov/npdes/stormwater/urbanmaps.cfm>

e. Annual Reporting Year

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

1. The first reporting year begins on the permit effective date (December 13, 2013) and lasts for a period of one (1) year.
2. If the MS4 selects the fiscal year, the first reporting year will last until the end of the fiscal year following the end of the first permit year.

3. If the MS4 selects the calendar year then the first reporting year will last until December 31, 2014.

f. SWMP

1. The NOI must include the SWMP when submitted to TCEQ for processing, and the Operator is required to certify the SWMP has been developed according to the general permit. Also, the SWMP Cover Sheet must be completed and placed to the front of the SWMP. When completing the SWMP Cover Sheet, be sure to enter the page number and/or page range for each item under an MCM.
2. The general permit requires the name, address, phone number and fax number of the designated person responsible for implementing and coordinating implementation of the SWMP. All information is required with an exception of email, however, this information is desired.

Changes to the SWMP may require TCEQ approval. Changes must be submitted by Notice of Change to the same address as the NOI. Notice of Change will either be automatically approved or additional information may be request before approval.

g. 7th Minimum Control Measure (MCM)

1. Indicate if the municipality is seeking coverage under this general permit for municipal construction activities where the municipality meets the definition of "construction site operator".
2. If authorization for municipal construction activities is proposed in this NOI the developed MCM must be included with the SWMP and the NOI must include a description of the boundaries covered in the MCM. The area included for this MCM must include only the regulated MS4 area; or it may include additional areas of the MS4 if all other MCMs are implemented over the additional area as well.

This coverage may be obtained after the original NOI is approved. This may be accomplished by submitting a Notice of Change that includes the developed MCM and a description of the proposed municipal construction activity boundaries addressed in the MCM. If the MS4 operator proposes to include additional areas outside of the regulated MS4, then the Notice of Change must also indicate that the MS4 operator will implement the entire SWMP over the additional areas.

3. If the discharge or potential discharge from regulated construction activities is within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer, then additional requirements may exist under the Edwards Aquifer Protection Program (30 TAC Chapter 213). For construction activities that will be regulated under TXRo40000, the approved Contributing Zone Plan or Water Pollution Abatement Plan must be included or referenced as part of the construction site stormwater pollution prevention plan. For other activities regulated under 30 TAC Chapter 213, information must be included in the SWMP. Compliance with any Edwards Aquifer requirements is required in addition to the requirements of this general permit.

h. Discharge Information

1. The stormwater may be discharged directly to a receiving stream or through another MS4* from your MS4. It eventually reaches a receiving water body such as a local

stream or lake, possibly via a drainage ditch. You must provide the name of the surface water body that receives the discharge from the site (a local stream or lake). Please note that this general permit does not grant permission to use another MS4 as a conveyance of stormwater and certain non-storm water discharges along the discharge route.

2. Identify the classified segment number(s) receiving a discharge directly or indirectly. Go to the link below to find the segment number of the classified water body where wastewater would flow: www.tceq.texas.gov/publications/gi/gi-316
3. Identify any surface water bodies receiving discharges from the small MS4 that are on the latest EPA-approved CWA § 303(d) list of impaired waters.

EPA approved CWA 303d list of impaired waters can be found at:
http://www.tceq.texas.gov/waterquality/assessment/305_303.html

4. Identify the **MS4*** Operator name if the stormwater discharge is into an MS4.

***MS4 is an acronym for Municipal separate storm sewer system. MS4 is defined as** a separate storm sewer system owned or operated by a state, city, town, county, district, association, or other public body (created by or pursuant to state law) having jurisdiction over disposal of sewage, industrial wastes, stormwater, or other wastes, including special districts under state law such as a sewer district, flood control or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, that discharges to water in the state.

For assistance, you may call the technical staff of the Water Quality Assessment & Standards Section at 512/239-4671.

i. Edwards Aquifer Rule

See maps on the TCEQ website to determine if the site is located within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer at <http://www.tceq.texas.gov/field/eapp/viewer.html>

If the discharge or potential discharge is within the Recharge Zone, Contributing Zone, or Contributing Zone within the Transition Zone of the Edwards Aquifer, then additional requirements may exist under the Edwards Aquifer Protection Program (30 TAC Chapter 213). For activities regulated under 30 TAC Chapter 213, any required plans must be included in the SWMP. Compliance with any Edwards Aquifer requirements is required in addition to the requirements of this general permit.

j. Public Participation

The applicant must indicate on the NOI that it will comply with the public participation requirements described in Part II.D.12 of the general permit. The person responsible for receiving the information from the TCEQ Chief Clerk for publishing in the newspaper must be identified and all contact information must be provided.

After review of the NOI and SWMP is completed, the Office of Chief Clerk will mail the Executive Director's preliminary determination to the contact provided in the NOI for publishing in the newspaper of largest circulation in the county of the small MS4.

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

The applicant must file with the Chief Clerk a copy and an affidavit of the publication of notice(s) within 60 days of receiving the written instructions from the Office of Chief Clerk.

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

5. CERTIFICATIONS

Failure to indicate **Yes** to ALL of the certification items may result in denial of coverage under the general permit.

Operator Certification:

The certification must bear an original signature of a person meeting the signatory requirements specified under 30 Texas Administrative Code (TAC) §305.44.

IF YOU ARE A CORPORATION:

The regulation that controls who may sign an NOI or similar form is 30 Texas Administrative Code §305.44(a)(1) (see below). According to this code provision, any corporate representative may sign an NOI or similar form so long as the authority to sign such a document has been delegated to that person in accordance with corporate procedures. By signing the NOI or similar form, you are certifying that such authority has been delegated to you. The TCEQ may request documentation evidencing such authority.

IF YOU ARE A MUNICIPALITY OR OTHER GOVERNMENT ENTITY:

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

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

30 Texas Administrative Code

§305.44. Signatories to Applications

(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

APPENDIX “C”

***TCEQ Stormwater Management Program
(SWMP) Cover Sheet
Form #20368***

STORMWATER MANAGEMENT PROGRAM (SWMP) COVER SHEET
Confirm Each Minimum Control Measure (MCM) Below is Included in the SWMP

This cover sheet **MUST** be completed by indicating the page number where the requested item will be found in the SWMP. Provide the page number to the left of each item.

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

Operator:
 Operator name on NOI: Mr. Brad Rockey

Assessment of program elements:
 Program elements that were described in the previous permit have been assessed and modified as necessary. New elements have been developed and implemented as necessary.
 N/A, If newly regulated MS4.

MCM 1: Public Education, Outreach, and Involvement
 Page # (s) – Provide the page number (s) to the left of each item.

The SWMP includes the following required elements:

Requirements for all MS4s:

- | | |
|---|--|
| 4 | 1. SWMP includes a stormwater education and outreach program to educate public employees, business, and the general public about hazards associated with the illegal discharges and improper disposal of waste and about the impacts stormwater can have on water quality, and steps they can take to reduce pollutants in stormwater. |
| 4 | 2. Defines the goals and objectives of the program based on high-priority community-wide issues. |
| 4 | 3. Identifies the target audiences. |
| 4 | 4. Appropriate educational material is developed or used. |
| 4 | 5. Education material is distributed. |

4	SWMP Lists Best Management Practices (BMPs) used to fulfill this MCM. Examples of possible BMPs include, but are not limited to, the following:
---	---

- x Classroom Education
- x Use of media
- x Education/Outreach for Commercial Activities
- x Lawn and garden activities
- x Promotional giveaways
- x Water conservation practices for homeowners
- x Outreach programs tailored to specific communities and children
- x Stormwater educational materials
- x Educational displays, pamphlets, booklets, and utility stuffers
- x Webpage
- x Storm drain stenciling
- x Speakers to community groups
- x Encouragement of proper lawn and garden care
- x Encouragement of low impact development
- x Support of pollution prevention for businesses

- 4
 - x Encouragement of water conservation practices
 - x Encouragement of pet waste management
 - x Stormwater hotlines
- 4 6. SWMP includes a program that complies with state and local public notice requirements.
- 4 7. May include using public input in the implementation of the program.
- 4 8. May include opportunities for citizen to participate in implementation of control measures.
- 4 9. Ensure the public easily can find information about the SWMP.

17-21 SWMP Lists Best Management Practices (BMPs) used to fulfill this MCM. Examples of possible BMPs include, but are not limited to, the following:

- x Stakeholder meetings
- x Community hotline
- x Coordination with school groups/scouting
- x Listserver
- x Stream cleanup and monitoring
- x Adopt-A-Stream programs
- x Incentives for businesses to participate, such as web links
- x Volunteer monitoring
- x Watershed Organization
- x Storm drain stenciling programs
- x Advisory/partner committees
- x Mailing list development and use
- x Reforestation programs
- x Wetland plantings
- x Coordinate volunteer programs.

17-21 SWMP includes measureable goals, and the method of measurement, for addressing stormwater quality

17-21 SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.

MCM 2: Illicit Discharge Detection and Elimination

Page # (s) – Provide the page number (s) to the left of each item.

The SWMP includes the following required elements:

Requirements for all MS4s:

- 5-7 1. Description of program that will be used to detect, investigate and eliminate illicit discharges
- 5-7 2. MS4 map:
 - a. Location of all small MS4 outfalls operated by the MS4 and that discharge into waters of the U.S.
 - b. Location and name of all surface waters receiving discharge from the MS4s outfalls.
 - c. Priority areas, if applicable.
- 5-7 3. Methods for informing and training MS4 field staff.
- 5-7 4. Procedures for tracing the source of an illicit discharge.

5-7

5. Procedures for removing the source of the illicit discharge.

5-7

6. Facilitate public reporting of illicit discharges of water quality impacts associated with discharges into or from the small MS4.

5-7

7. Procedures for responding to illicit discharges and spills.

5-7

8. Inspections in response to complaints.

5-7

Additional Requirements for Level 2, 3, and 4 small MS4s:

For Level 2, 3, and 4 small MS4, procedures to prevent and correct leaking on-site sewage disposal systems.

Additional Requirements for Level 3 and 4 small MS4s:

Follow-up investigation after the illicit discharge has been eliminated.

Additional Requirements for Level 4 small MS4s:

1. Procedures for identifying and creating a list of priority areas within the small MS4s likely to have illicit discharges.
2. Implement a dry weather field screening program to assist in detecting and eliminating illicit discharges to the small MS4.

22-23

SWMP Lists Best Management Practices (BMPs) used to fulfill this MCM. Examples of possible BMPs may include the following:

- x List of non-stormwater discharges that will not be considered illicit
- x Procedures to address illegal dumping
- x Hazardous materials disposal opportunities
- x Industrial/Business connections
- x Addressing wastewater connections to MS4
- x Addressing recreational sewage (boats/camping/etc.)
- x System inspections
- x Dye testing
- x Recycling programs
- x Informing public/employees/businesses of hazards associated with illicit discharges
- x Identification of illicit discharges
- x Used oil collection centers
- x Public outreach and education programs regarding illicit discharges
- x Publicize and facilitate public reporting

22-23

SWMP includes measureable goals, and the method of measurement, for addressing stormwater quality.

22-23

SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.

MCM 3: Construction Site Stormwater Runoff Control

Page # (s) – Provide the page number (s) to the left of each item.

The SWMP includes the following required elements:

Requirements for all MS4s:

8-9

1. Description of program that will be developed, implemented and enforced, to address stormwater runoff from construction once acre and greater (including larger common plan).

8-9

2. Ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, to the extent allowable under state and local law.

8-9

3. Program requires construction site operators to implement erosion and sediment control – BMPs to minimize the discharge of pollutants.

a. Program requires soil stabilization measures, and implementation of BMPs to control pollutants from equipment and vehicle washing and other wash waters.

b. Program requires operators to minimize exposure to stormwater of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials.

c. Minimize the discharge of pollutants from spills and leaks. As an alternative, ensure that the construction site has developed a stormwater pollution prevention plan in accordance with the TPDES Construction General Permit TXR150000.

8-9

4. Program prohibits illicit discharges such as wash out wastewater, fuels, oils, soaps, solvents, and dewatering activities.

8-9

5. Procedures for construction site plan review to consider water quality impacts.

8-9

6. Procedures for construction site inspections and enforcement of control measures, to the extent allowable under state and local law.

8-9

7. Procedures for receipt and consideration of information submitted by the public.

8-9

8. Procedures for MS4 staff training.

Additional Requirements for Level 3, and 4 small MS4s:

Includes an inventory of all permitted active construction sites greater than one acre or less than one acre if part of a larger common plan of development.

24

SWMP lists BMPs used to fulfill this MCM. Examples may include:

- x Requirement to comply with TPDES CGP
- x Notification to discharger of responsibilities under TPDES CGP
- x Hire staff to review construction site plans
- x Provide a web page for public input on construction activities
- x Require overall construction site waste management
- x Perform site inspections and enforcement
- x Provide education and training for construction site operators
- x Notify dischargers of requirement to obtain TPDES permit coverage
- x Mechanism to prohibit discharges into MS4 where necessary

24

SWMP includes measurable goals, and the method of measurement, for addressing stormwater quality.

24

SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.

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

Page # (s) – Provide the page number (s) to the left of each item.

The SWMP includes the following required elements:

Requirements for all MS4s:

- | | |
|----|---|
| 10 | 1. Description of program that will be developed, implemented and enforced, to address stormwater runoff 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. |
| 10 | 2. Ordinance or other regulatory mechanism is in place or planned which will regulate discharges from new development and redevelopment projects. |
| 10 | 3. 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. |
| 10 | 4. Document and maintain records of enforcement actions. |
| 10 | 5. Long-term operation and maintenance of post construction stormwater control measures is addressed. |
| 10 | 6. Operation and maintenance is documented. |

Additional Requirements for Level 4 small MS4s:

- | | |
|--|---|
| | 1. Develop and implement an inspection program to ensure that all post construction stormwater control measures are operating correctly and are being maintained. |
| | 2. Inspections are documented. |

- | | |
|----|--|
| 25 | SWMP lists BMPs used to fulfill this MCM. Examples may include: <ul style="list-style-type: none">x Local ordinance in place or plannedx Guidance document for developers to utilizex Specific BMPs established for particular watershedsx List of appropriate BMPs provided to operatorsx Elimination of curbs and gutters is encouragedx Zoning takes into account stormwater issuesx Incentives for use of permeable choices, such as porous pavementx Requirements for wet ponds or other BMPs for certain size sitesx Xeriscaping |
|----|--|

- | | |
|----|---|
| 25 | SWMP includes measurable goals, and the method of measurement, for addressing stormwater quality. |
|----|---|

- | | |
|----|---|
| 25 | SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date. |
|----|---|

MCM 5: Pollution Prevention and Good Housekeeping for Municipal Operations

Page # (s) – Provide the page number (s) to the left of each item.

The SWMP includes the following required elements:

Requirements for all MS4s:

- | | |
|-------|--|
| 11-12 | 1. An operation and maintenance (O&M) program, including an employee training component, in place or scheduled, to reduce/prevent pollution from municipal activities and municipally owned areas included but not limited to park and open space maintenance; street, road, or highway maintenance; fleet and building maintenance; stormwater system maintenance; new construction and land disturbances; municipal parking lots; vehicle and equipment maintenance and storage yards; waste transfer stations; and salt/sand storage locations. |
| 11-12 | 2. Develop and maintain an inventory of the MS4's facilities and stormwater controls. |
| 11-12 | 3. Inform or train staff involved in good housekeeping practices. |
| 11-12 | 4. Waste from the MS4 is removed and properly disposed. |
| 11-12 | 5. Contractors hired by the MS4 must be required to comply with operating procedures.
a. MS4 develop contractor oversight procedures. |
| 11-12 | 6. MS4 evaluates O&M activities for their potential to discharge pollutants in stormwater for road and parking lot maintenance, bridge maintenance, cold weather operations, and right-of-way maintenance etc.
a. MS4 identifies pollutants of concern that could be discharged from the O&M activities.
b. MS4s develop and implement pollution prevention measures that will reduce discharge of pollutants from O&M activities.
c. MS4s inspect pollution prevention measures at MS4 facilities. |
| 11-12 | 7. MS4 maintains structural controls. |

Additional requirements for Level 3 and 4 small MS4s:

- | | |
|--|---|
| | 1. Storm sewer system O&M.
a. MS4 develops and implements an O&M program to reduce the collection of pollutants in catch basins and other surface structures.
b. MS4 develops a list of potential problem areas for increased inspection (for example, areas with recurrent illegal dumping). |
| | 2. Implement an O&M program to reduce discharge of pollutants from roads that might include a street sweeping and cleaning program, or inlet protection. The program includes an implementation schedule and a waste disposal procedure. |
| | 3. MS4 map identify MS4 facilities and stormwater controls. |
| | 4. MS4 assess its facilities for their potential to discharge pollutants into stormwater.
a. The MS4 identifies high priority facilities that have a high potential to generate stormwater pollutants. At a minimum, facilities include the MS4s maintenance yards, hazardous waste facilities, fuel storage locations, and any other facilities at which chemicals or other materials have a high potential to be discharge in stormwater.
b. The MS4 documents the result of the assessments. |
| | 5. The MS4 develops stormwater management Standard Operation Procedures for high priority facilities. |
| | 6. The MS4 implements stormwater controls at high priority facilities that address:
a. Good housekeeping |

- b. De-icing and anti-icing storage
- c. Fueling operations and vehicle maintenance
- d. Equipment and vehicle washing

7. The MS4 develops and implements an inspection program that includes high priority facilities.

Additional requirements for Level 4 small MS4s:

MS4 has an application and management program for pesticides, herbicides, and fertilizers that address:

- a. Evaluating materials and activities used at public open spaces.
- b. Implementing the following practices to minimize generating pollutants related to landscaping.
 - i. Education for applicators and distributors
 - ii. Encouragement of non-chemical solutions for pest management
- c. Development of schedules that minimizes discharge of pollutants.
- d. Ensuring collection and proper disposal of unused pesticides, herbicides, and fertilizers.

SWMP lists BMPs used to fulfill this MCM. Examples may include:

- x BMPs which address fleet vehicle maintenance/washing
- x BMPs which address parking lot and street cleaning
- x Catch basin and storm drain system cleaning
- x Landscaping and lawn care (e.g. xeriscaping)
- x Waste materials management
- x Road salt application and storage practices
- x Used oil recycling
- x Pest management practices
- x Fire training facilities
- x BMPs which address roadway and bridge maintenance
- x Golf course maintenance/waste disposal
- x Disposal of cigarette butts
- x Park maintenance (e.g., providing trash bags)

SWMP includes measurable goals, and the method of measurement, for addressing stormwater quality.

SWMP has been fully implemented, or includes a schedule of implementation not to exceed five (5) years from permit issuance date.

MCM 6: Industrial Stormwater Sources

Page # (s) – Provide the page number (s) to the left of each item.

The SWMP includes the following required elements:

Requirements for Level MS4 only:

Program to identify and control industrial stormwater sources that at least includes:

- a. MS4 landfills, other treatment, storage, or disposal facilities for municipal waste, hazardous waste treatment, storage, disposal and recovery facilities and facilities that are subject to Emergency Planning and Community Right-to-Know Act (EPCRA).
- b. Priorities and procedures for inspections and for implementing control measures for such discharges.

Optional 7th MCM: Municipal Construction Activities (only available within the regulated area where the MS4 operator meets the definition of construction site operator)

Page # (s) – Provide the page number (s) to the left of each item.

If this MCM is applicable, the SWMP includes the following information:

1. Description of how construction activities will generally be conducted so as to take into consideration local conditions of weather, soils, and other site specific considerations.
2. Description of the area that this MCM will address and where the MS4 operator's construction activities are covered (e.g. within the boundary of the urbanized area, the corporate boundary, a special district boundary, an extra territorial jurisdiction, or other similar jurisdictional boundary).
3. If the area included in this MCM includes areas outside of the UA, then all MCMs will be implemented over those additional areas as well.
4. Description provided for one of the following:
 - a. How contractor activities will be supervised or overseen to ensure that the Stormwater Pollution Prevention Plan (SWP3) requirements are properly implemented at the construction site(s); or
 - b. How the MS4 operator will make certain that contractors have a separate authorization for stormwater discharges if needed.
5. General description of how a construction SWP3 will be developed for each construction site.
6. Records of municipal construction activities authorized under this optional MCM.

APPENDIX “D”

***TCEQ General Permit Payment Submittal
Form #20134***

Texas Commission on Environmental Quality General Permit Payment Submittal Form

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

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

Mail this form and your check to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: GPA	General Permit:	TXR040000
---------------	-----------------	-----------

1. Check / Money Order No: _____
2. Amount of Check/Money Order: _____
3. Date of Check or Money Order: _____
4. Name on Check or Money Order: _____
5. NOI INFORMATION

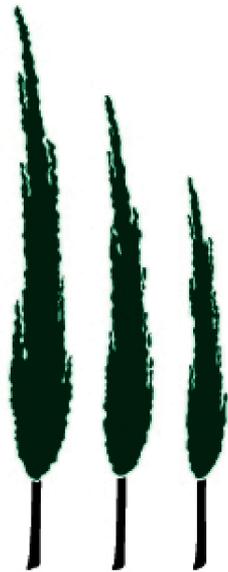
If the check is for more than one NOI, list each Project/Site (RE) Name and Physical Address exactly as provided on the NOI. DO NOT SUBMIT A COPY OF THE NOI WITH THIS FORM AS IT COULD CAUSE DUPLICATE PERMIT ENTRIES.

See Attached List of Sites (If more space is needed, you may attach a list.)

Project/Site (RE) Name: _____

Project/Site (RE) Physical Address:

Staple Check in This Space



CITY OF _____
MURPHY

LIFE LIVED AT YOUR PACE

STORM WATER MANAGEMENT PROGRAM

BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS

DALLAS, TEXAS

TBPE Firm No. 526

JUNE 2014