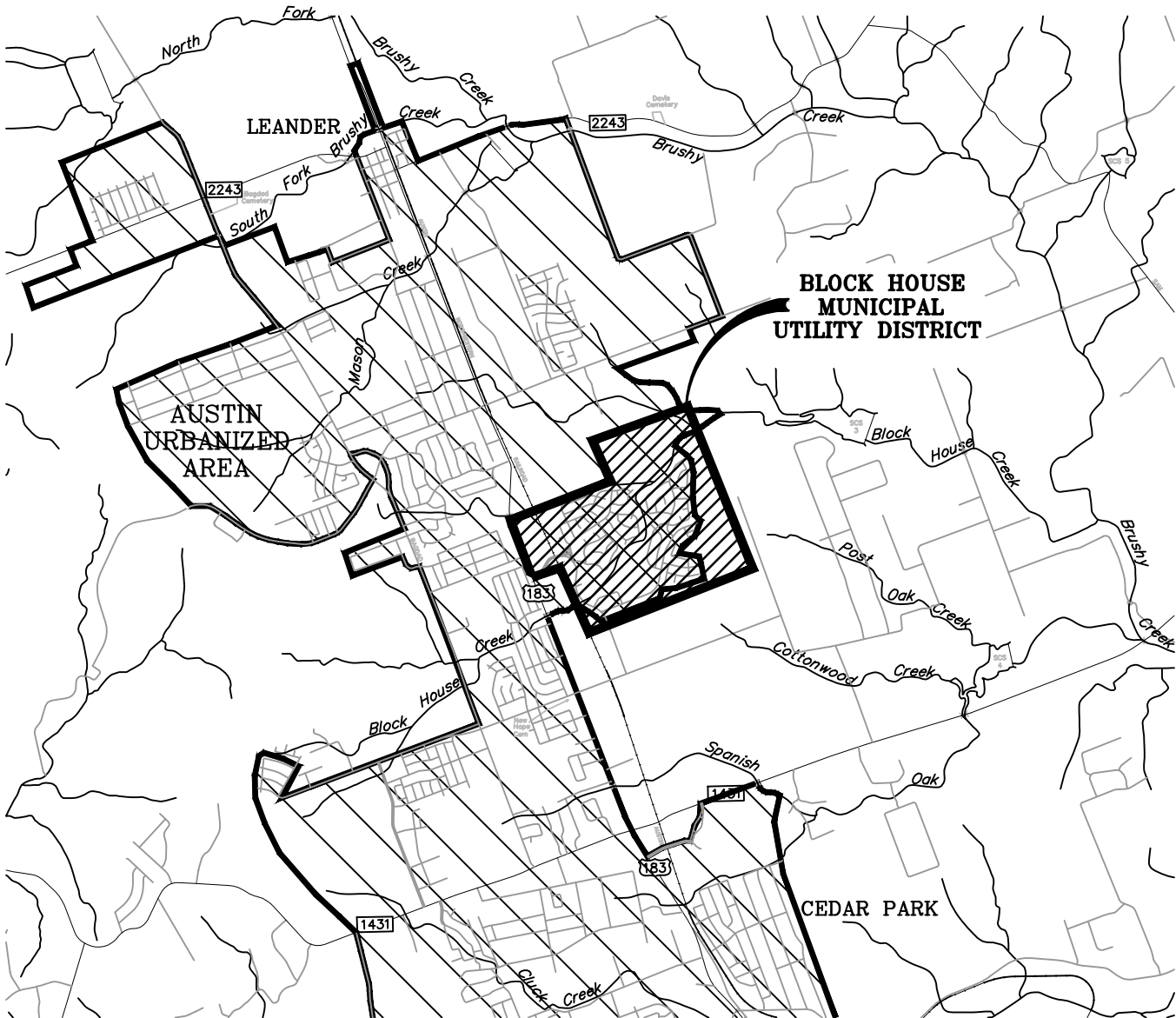


# STORM WATER MANAGEMENT PROGRAM

## BLOCK HOUSE MUNICIPAL UTILITY DISTRICT

WILLIAMSON COUNTY, TEXAS



MAY 2014

**JC JONES & CARTER, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
Texas Board of Professional Engineers Registration No. F-439  
6335 Gullfion Dr., Suite 100 Houston, Texas 77081 (713) 777-5337

**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. Gary Spoons

**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:**

- |            |  |
|------------|--|
| 2-14       | 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. |
| 2,4,6,8,10 | 2. Defines the goals and objectives of the program based on high-priority community-wide issues.   |
| 3,5,7,9,11 | 3. Identifies the target audiences.  |
| 2-12       | 4. Appropriate educational material is developed or used.  |
| 2-12       | 5. Education material is distributed.  |

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

2-14

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

2-14

- Encouragement of water conservation practices
- Encouragement of pet waste management
- Stormwater hotlines

13-14

6. SWMP includes a program that complies with state and local public notice requirements.

13-14

7. May include using public input in the implementation of the program.

7-12

8. May include opportunities for citizen to participate in implementation of control measures.

2-6

9. Ensure the public easily can find information about the SWMP.

2-14

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

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

2-14

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

2-14

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:**

15-32

1. Description of program that will be used to detect, investigate and eliminate illicit discharges

15-16

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.

17-24

3. Methods for informing and training MS4 field staff.

25-26

4. Procedures for tracing the source of an illicit discharge.

27-28

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

19-22

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

23-24

7. Procedures for responding to illicit discharges and spills.

25-26

8. Inspections in response to complaints.

N/A

**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.

SWMP Lists Best Management Practices (BMPs) used to fulfill this MCM.

Examples of possible BMPs may include the following:

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

SWMP includes measureable 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 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:**

33-43

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).

33-35

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.

36-39

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.

33-35

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

36-37

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

38-39

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

13-14

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

40-41

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.

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

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

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 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:**

- |       |  |
|-------|--|
| 52-61 | 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. |
| 52-53 | 2. Develop and maintain an inventory of the MS4's facilities and stormwater controls.  |
| 54-55 | 3. Inform or train staff involved in good housekeeping practices.  |
| 56-57 | 4. Waste from the MS4 is removed and properly disposed.  |
| 58-59 | 5. Contractors hired by the MS4 must be required to comply with operating procedures.<br>a. MS4 develop contractor oversight procedures.   |
| 60-61 | 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.<br>a. MS4 identifies pollutants of concern that could be discharged from the O&M activities.<br>b. MS4s develop and implement pollution prevention measures that will reduce discharge of pollutants from O&M activities.<br>c. MS4s inspects pollution prevention measures at MS4 facilities.                                      |
| 60-61 | 7. MS4 maintains structural controls.  |

**Additional requirements for Level 3 and 4 small MS4s:**

- |  |   |
|--|---|
|  | 1. Storm sewer system O&M.<br>a. MS4 develops and implements an O&M program to reduce the collection of pollutants in catch basins and other surface structures.<br>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.<br>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.<br>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:<br>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:

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

# **STORM WATER MANAGEMENT PROGRAM**

## **BLOCK HOUSE MUD**

### **PART I**

### **BACKGROUND**

PREPARED BY:



## **BLOCK HOUSE MUNICIPAL UTILITY DISTRICT**

### **SETTING**

Block House Municipal Utility District (Block House MUD or the District) was created in 1978. It covers approximately 717 acres. The center of Block House MUD is located near Latitude 30° 32' 44" N and Longitude 97° 49' 34" W and is approximately 950 to 980 feet above sea level. Average temperature is approximately 69 degrees F and the average annual rainfall is 31 inches. The regional topography can be described as rolling hills. Currently, Block House MUD has a population of approximately 6,182. The District is located within the City of Cedar Park extraterritorial jurisdiction (ETJ).

### **ORGANIZATION**

The District is governed by a Board of Directors. Elected officials include a Board President, Vice-President, Secretary, and two Assistant Secretaries. The Board hires outside consultants to handle engineering, legal, bookkeeping, tax assessment, and operating services.

### **ORDINANCES and GUIDANCE**

Block House MUD is within the City of Cedar Park ETJ; therefore all development in the District must comply with the City of Cedar Park rules and regulations.

### **LEGAL AUTHORITY**

Block House MUD has the legal authority to enforce compliance with the Storm Water Management Program through the District's "Order Establishing Water and Wastewater Service Rates, Charges, Tap Fees and Park Fees, and Adopting General Policies with Respect to the District's Water, Wastewater and Drainage Systems" (Rate Order).

### **INSPECTION/ENFORCEMENT**

The Engineer and Operator for the District in addition to the City of Cedar Park inspect new development within the District as required.

### **INFRASTRUCTURE/MUNICIPAL OPERATIONS**

The Operator for the District handles runoff management, street drainage system maintenance and street maintenance in coordination with the Engineer. The Operator for the District maintains the sanitary sewer system in coordination with the Engineer.

### **CONSTRUCTION AND DEVELOPMENT**

Development within Block House MUD is regulated by the City of Cedar Park.

### **PROGRAM FUNDING**

Block House MUD will fund this program through its operating fund.

### **EDWARDS AQUIFER**

Block House MUD is within the Contributing Zone of the Edwards Aquifer. Since the development received all required approvals before the Edwards Aquifer Rule (30 TAC Chapter 213) became effective, it was not subject to this regulation. The Texas Natural Resources Conservation Commission confirmed this in a letter to Gray-Jansing & Associates, Inc. dated November 19, 1999.

### **LIMITATIONS ON PERMIT COVERAGE**

Block House MUD discharges storm water into Block House Creek which ultimately discharges into classified Segment 1244A – Brushy Creek. The classified segment is not listed on the 2012 Environmental Protection Agency (EPA) Clean Water Act (CWA) §303(d) list of impaired waters.

**STORM WATER MANAGEMENT PROGRAM**

**PART II**

**MINIMUM CONTROL MEASURES**

## **Executive Summary**

BLOCK HOUSE MUD has prepared this Storm Water Management Program (SWMP) in order to obtain coverage for storm water discharges under Texas Pollutant Discharge and Elimination System (TPDES) General Permit No. TXR040000. The General Permit requires that five (5) Minimum Control Measures (MCMs) be addressed with Best Management Practices (BMPs). The following is a list of the five (5) MCMs along with the BMPs selected to address them:

**1. Public Education, Outreach, and Involvement**

- a. Utility Bill Inserts
- b. Electronic Education
- c. Storm Drain Marking
- d. Storm Water Quality Monitoring
- e. Recycling/Trash Clean-up
- f. Opportunity for Public Comment

**2. Illicit Discharge Detection and Elimination**

- a. Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls
- b. Training for Illicit Discharge Detection & Elimination
- c. Public Reporting using Utility Bill Inserts
- d. Public Reporting using Electronic Education
- e. Responding to Illicit Discharges & Spills
- f. Source Investigation of Illicit Discharges
- g. Source Elimination of Illicit Discharge
- h. Revision to Rate Order for Illicit Discharge
- i. Dry Weather Field Screenings

**3. Construction Site Storm Water Runoff Control**

- a. Revision to Rate Order for Construction Site Stormwater Runoff Control
- b. Construction Site Plan Review
- c. Construction Site Inspection & Enforcement
- d. Training for Construction Site Stormwater Runoff Control
- e. Guidance Manual for Construction Site Stormwater Runoff Control

**4. Post-Construction Storm Water Management in New Development & Redevelopment**

- a. Revision to Rate Order to Address Post Construction Runoff
- b. Guidance Manual for Post-Construction Stormwater Controls
- c. Inspection Program for Post-Construction Stormwater Controls
- d. Training for Post-Construction Stormwater Controls

**5. Pollution Prevention / Good Housekeeping for Municipal Operations**

- a. Inventory of Facilities & Stormwater Structural Controls
- b. Training for Pollution Prevention & Good Housekeeping
- c. Disposal of Waste
- d. Contractor Oversight
- e. Municipal Operation & Maintenance Activities

Each BMP was selected for its perceived effectiveness and cost. Some of the BMPs may be changed over the course of the permit as actual effectiveness and cost become apparent. The schedule of implementation for each BMP is based on an assumed effort and cost. The schedules might also change as the actual scope of the BMP is realized.

## **1. Public Education, Outreach, and Involvement**

### ***1.1 Regulatory Requirement***

**40 CFR 122.34 (b)(1) – Implement a public education program to distribute educational materials to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps the public can take to reduce pollutants in storm water runoff.**

**40 CFR 122.34 (b)(2) – At a minimum, comply with state, tribal, and local public notice requirements when implementing a public involvement/participation program.**

### ***1.2 Current Programs***

Currently, BLOCK HOUSE MUD has a variety of public outreach and educational programs in effect per the previous Storm Water Management Program (SWMP). Most Best Management Practice's (BMPs) included in the previous SWMP will be continued in the new SWMP and focus on general public hazards associated with illegal discharges, improper disposal of waste, impacts storm water discharges have on local waterways, and steps the public can conduct to reduce pollutants in storm water.

### ***1.3 Selected BMPs for Public Education and Outreach on Storm Water Impacts***

#### ***1.3.1 BMP1a – Utility Bill Inserts***

BLOCK HOUSE MUD will continue distributing an educational pamphlet which describes the impacts storm water discharges have on local water ways and outlines steps to reduce pollutants in storm water. This educational pamphlet will be distributed as an insert in the utility bill.

##### ***1.3.1.1 Measurable Goals***

The educational pamphlet will address storm water quality concerns and problems within the MS4 service area. This educational pamphlet will be distributed annually as a utility bill insert to all residents, businesses, commercial and industrial facilities that receive water and sewer service from the District. The educational pamphlet and quantity distributed through the utility bill inserts will be documented and included in the annual report. The educational pamphlet will be reviewed and modified as necessary to ensure program effectiveness.

1.3.1.2 *Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

1.3.1.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Update/Revise educational pamphlet, as needed. Distribute to the community annually. Document all materials and information in the annual report.

Permit Year 3 – Update/Revise educational pamphlet, as needed. Distribute to the community annually. Document all materials and information in the annual report.

Permit Year 4 – Update/Revise educational pamphlet, as needed. Distribute to the community annually. Document all materials and information in the annual report.

Permit Year 5 – Update/Revise educational pamphlet, as needed. Distribute to community the annually. Document all materials and information in the annual report.

#### *1.3.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for the development and distribution of the utility bill inserts to meet the Measurable Goals (1.3.1.1). The Operator for the District will assist in the distribution of the insert in the utility bills.



**1.3.2 BMP2 – Electronic Education**

BLOCK HOUSE MUD will promote educational materials on the District website with information describing storm water quality issues. This information will describe the impacts storm water discharges have on local water ways and steps to reduce pollutants in storm water. This information will be available on the District website via the internet.

*1.3.2.1 Measurable Goals*

The web page link for the electronic educational material will be easily accessible on the District’s website. A variety of educational material will be available for all residents and businesses within the District area. The educational material will address storm water quality concerns, problems within the MS4 service area, pet waste, and general residential education. This educational material will be available on the District’s website year round. The educational information will be documented and included in the annual report. The information will be reviewed and modified as necessary to ensure program effectiveness.

*1.3.2.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

### *1.3.2.3 Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Update/Revise electronic educational material, as needed. Ensure the information is available online annually. Document all materials and information in the annual report.

Permit Year 3 – Update/Revise electronic educational material, as needed. Ensure the information is available online annually. Document all materials and information in the annual report.

Permit Year 4 – Update/Revise electronic educational material, as needed. Ensure the information is available online annually. Document all materials and information in the annual report.

Permit Year 5 – Update/Revise electronic educational material, as needed. Ensure the information is available online annually. Document all materials and information in the annual report.

### *1.3.2.4 Responsible Persons*

The Board of Directors acting through the Engineer for the District is responsible for the development and distribution of the electronic educational materials to meet the Measurable Goals (1.3.2.1). The District will assist in uploading the electronic educational material to their website.

**1.4 Selected BMPs for Public Involvement**

**1.4.1 BMP1b – Storm Drain Marking**

BLOCK HOUSE MUD will continue to mark all storm sewer inlets with: “No Dumping, Drains to Creek” or similar message.

*1.4.1.1 Measurable Goals*

The District will provide volunteer opportunities by allowing volunteer groups to mark any storm sewer inlets missing inlet markers within the District. The overall goal is to mark all the storm sewer inlets which discharge into the storm sewer system and educate the public on illicit discharges. The District will provide all volunteer groups the necessary supplies needed to install the inlet markers. The intent of this best management practice is to allow volunteer participation and educate the public on storm water quality issues. The District will ensure all storm sewer inlets are marked and documented by the end of Permit Year 5. All volunteer activities will be documented and included in the annual report. The program will be reviewed and modified as necessary to ensure program effectiveness.

*1.4.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

### *1.4.1.3 Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Promote opportunities for volunteer groups to participate in the inlet marking program. Coordinate and distribute inlet marking kits to all volunteer groups. Document all items in the annual report.

Permit Year 3 – Promote opportunities for volunteer groups to participate in the inlet marking program. Coordinate and distribute inlet marking kits to all volunteer groups. Document all items in the annual report.

Permit Year 4 – Promote opportunities for volunteer groups to participate in the inlet marking program. Coordinate and distribute inlet marking kits to all volunteer groups. Document all items in the annual report.

Permit Year 5 – Promote opportunities for volunteer groups to participate in the inlet marking program. Coordinate and distribute inlet marking kits to all volunteer groups. Document all items in the annual report.

### *1.4.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for promoting and coordinating the inlet marking program to meet the Measurable Goals (1.4.1.1).

**1.4.2 BMP2 – Recycling/Trash Clean-up**

BLOCK HOUSE MUD will conduct a recycling program or trash clean-up event within the District. These programs will allow public involvement, reduce pollutants in the storm sewer system, and promote good housekeeping principals.

*1.4.2.1 Measurable Goals*

The District will develop a recycling program or conduct a trash clean-up event at least once a year. The District will advertise for volunteers to participate in the trash clean-up event and distribute educational materials related to storm water quality at the event. This trash clean-up event will identify the impacts stormwater discharges have on local waterways. If the District elects to participate in the recycling program the District will provide educational materials describing the general public hazards associated with illegal discharges and the improper disposal of waste. All volunteer activities will be documents and included in the annual report. The program will be reviewed and modified as necessary to ensure program effectiveness.

*1.4.2.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

### *1.4.2.3 Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Schedule a Recycling Program and/or Trash Clean-up event during the permit year. Coordinate with the other local entities in order to promote the event, if applicable. Distribute educational materials at the event, if available. Document all items in the annual report.

Permit Year 3 – Schedule a Recycling Program and/or Trash Clean-up event during the permit year. Coordinate with the other local entities in order to promote the event, if applicable. Distribute educational materials at the event, if available. Document all items in the annual report.

Permit Year 4 – Schedule a Recycling Program and/or Trash Clean-up event during the permit year. Coordinate with the other local entities in order to promote the event, if applicable. Distribute educational materials at the event, if available. Document all items in the annual report.

Permit Year 5 – Schedule a Recycling Program and/or Trash Clean-up event during the permit year. Coordinate with the other local entities in order to promote the event, if applicable. Distribute educational materials at the event, if available. Document all items in the annual report.

### *1.4.2.4 Responsible Persons*

The Board of Directors acting through the Engineer for the District is responsible for promoting the recycling program and/or trash clean-up event to meet the Measurable Goals (1.4.2.1).

**1.4.3 BMP3 – Storm Water Quality Monitoring**

BLOCK HOUSE MUD will identify suitable opportunities for area volunteers to participate in storm water quality activities. The District will develop support materials and provide them to interested parties when available.

*1.4.3.1 Measurable Goals*

The District will provide support materials to interested volunteers for the identified opportunities. These volunteer opportunities may include volunteer monitoring with Adopt-a-Stream, Adopt-a-Watershed, Texas Stream Team, or any other similar program. All volunteer activities will be documents and included in the annual report. The program will be reviewed and modified as necessary to ensure program effectiveness.

*1.4.3.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

#### *1.4.3.3 Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Promote opportunities for volunteer groups to participate in the stormwater quality programs. Coordinate and distribute educational materials to all volunteer groups. Document all items in the annual report.

Permit Year 3 – Promote opportunities for volunteer groups to participate in the stormwater quality programs. Coordinate and distribute educational materials to all volunteer groups. Document all items in the annual report.

Permit Year 4 – Promote opportunities for volunteer groups to participate in the stormwater quality programs. Coordinate and distribute educational materials to all volunteer groups. Document all items in the annual report.

Permit Year 5 – Promote opportunities for volunteer groups to participate in the stormwater quality programs. Coordinate and distribute educational materials to all volunteer groups. Document all items in the annual report.

#### *1.4.3.4 Responsible Persons*

The Board of Directors acting through the Engineer for the District is responsible for responsible for promoting opportunities for volunteers to participate in stormwater quality programs to meet the Measurable Goals (1.4.3.1).



**1.5 Selected BMPs for Public Opportunities**

**1.5.1 BMP1c – Opportunity for Public Comment**

BLOCK HOUSE MUD will comply with state and local public notice requirements when implementing a public involvement/participation program. These requirements consist of including opportunities for constituents within the MS4 area to participate and develop the Storm Water Management Program (SWMP).

*1.5.1.1 Measurable Goals*

The general public within the District will have an opportunity to review and comment on the SWMP. This will provide opportunities for constituents within the MS4 area to participate in the development and implementation of the comprehensive program. The TCEQ Executive Director’s preliminary decision of the Notice of Intent (NOI) and SWMP will be issued in accordance with General Permit TXR040000. This notice will be published at least once in a newspaper of general circulation in the municipality and allow public comment for at least 30 days. All items will be documented and included in the annual report.

*1.5.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

### *1.5.1.3 Procedures*

Permit Year 1 – Publish notice in accordance with the General Permit TXR040000.

Permit Year 2 – Consider public comments regarding implementation of the SWMP.

Permit Year 3 – Consider public comments regarding implementation of the SWMP.

Permit Year 4 – Consider public comments regarding implementation of the SWMP.

Permit Year 5 – Consider public comments regarding implementation of the SWMP.

### *1.5.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for allowing public comments to meet the Measurable Goals (1.5.1.1).

## 2. Illicit Discharge Detection & Elimination (IDDE)

### 2.1 Regulatory Requirement

**40 CFR 122.34 (b)(3) – Develop, implement, and enforce a program to detect and eliminate illicit discharges (as defined at Sec. 122.26(b)(2)) into your small MS4.**

**(A) Develop, if not already completed, a storm sewer system map, showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls;**

**(B) To the extent allowable under state, tribal or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-storm water discharges into your storm sewer system and implement appropriate enforcement procedures and actions;**

**(C) Develop and implement a plan to detect and address non-storm water discharges including illegal dumping to your system;**

**(D) Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.**

**Address categories listed in 122.34(b)(3)(D)(iii) if you determine they are significant contributors of pollutants to the MS4.**

### 2.2 Current Programs

Currently, BLOCK HOUSE MUD has a variety of programs to detect and address illicit discharges per the previous Storm Water Management Program (SWMP). Most Best Management Practices (BMPs) included in the previous SWMP will be continued in the new SWMP and focus on detecting, investigating, and eliminating illicit discharges into the small MS4.

### 2.3 Selected BMPs for MS4 Mapping

#### 2.3.1 BMP2a – Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls

BLOCK HOUSE MUD will continue updating the District map showing the locations of all inlets, storm sewer lines, outfalls, surface waters, and structural controls within the District. All items will be shown and labeled on an overall map.

##### 2.3.1.1 Measurable Goals

The District will compile existing data and create a map of the storm sewer system. Existing data will be obtained from construction plans, record drawings, aerial photos, visual inspections, and any other tasks deemed necessary. If no data exists, an inspection of the District's storm sewer structural controls will be conducted and documented. Once the map is completed a District representative will evaluate the map to ensure accuracy. This map will be created using CAD or Geographic Information System (GIS). The map will be evaluated annually to ensure program effectiveness.

2.3.1.2 *Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

2.3.1.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Evaluate District and incorporate any new data related to storm sewer outfalls, inlets, storm sewer lines, structural controls, and surface waters into the District map.

Permit Year 3 – Evaluate District and incorporate any new data related to storm sewer outfalls, inlets, storm sewer lines, structural controls, and surface waters into the District map.

Permit Year 4 – Evaluate District and incorporate any new data related to storm sewer outfalls, inlets, storm sewer lines, structural controls, and surface waters into the District map.

Permit Year 5 – Evaluate District and incorporate any new data related to storm sewer outfalls, inlets, storm sewer lines, structural controls, and surface waters into the District map.

2.3.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for updating the storm sewer map to meet the Measurable Goals (2.3.1.1).

**2.4 Selected BMPs for Education and Training**

**2.4.1 BMP2b –Training for Illicit Discharge Detection & Elimination**

BLOCK HOUSE MUD will develop a training program which describes the impact storm water discharges have on local water ways and steps to reduce the amount of pollutants in storm water. This educational training program will be offered to field staff on an annual basis.

*2.4.1.1 Measurable Goals*

The training program will address how to identify illicit discharges or illicit connections to the small MS4. The educational training will be available to field staff and offered annually. The training program material and attendance list will be documented and included in the annual report. The program will be reviewed and modified as necessary to ensure program effectiveness.

*2.4.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

### *2.4.1.3 Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Develop training material and offer training program. Document the materials and attendance list in the annual report.

Permit Year 3 – Update/Revise the training program, as needed. Offer training program to field staff and document the materials and attendance list in the annual report.

Permit Year 4 – Update/Revise the training program, as needed. Offer training program to field staff and document the materials and attendance list in the annual report.

Permit Year 5 – Update/Revise the training program, as needed. Offer training program to field staff and document the materials and attendance list in the annual report.

### *2.4.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for conducting the training program to meet the Measurable Goals (2.4.1.1).

**2.5 Selected BMPs for Public Reporting of Illicit Discharges and Spills**

**2.5.1 BMP2c – Public Reporting using Utility Bill Inserts**

BLOCK HOUSE MUD will continue to develop an educational pamphlet which includes the contact information of the MS4 Operator. This will allow residents to report illicit discharges and any other information that pertains to the MS4. This contact information will be included in the educational pamphlet and distributed as an insert in the utility bill.

*2.5.1.1 Measurable Goals*

The educational pamphlet will include the contact information for the MS4 Operator (name, phone number, email). This will allow residents to report illicit discharges, construction and post-construction site runoff, and request MS4 information. This educational pamphlet including the Operator’s contract information will be distributed annually as a utility bill insert to all residents, businesses, commercial and industrial facilities that receive water and sewer service from the District. The contact information pamphlet and quantity distributed through the utility bill inserts will be documented and included in the annual report. The contact information will be reviewed and updated annually to ensure program effectiveness.

*2.5.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

### 2.5.1.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Update contact information, as needed. Distribute the utility bill insert to the community annually. Document all information in the annual report.

Permit Year 3 – Update contact information, as needed. Distribute the utility bill insert to the community annually. Document all information in the annual report.

Permit Year 4 – Update contact information, as needed. Distribute the utility bill insert to the community annually. Document all information in the annual report.

Permit Year 5 – Update contact information, as needed. Distribute the utility bill insert to the community annually. Document all information in the annual report.

### 2.5.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for including the contact information for the District Operator in the utility bill insert and distributing the information annually to meet the Measurable Goals (2.5.1.1).



**2.5.2 BMP2 – Public Reporting using Electronic Education**

BLOCK HOUSE MUD will develop a web page link on the District website which includes the contact information of the MS4 Operator. This will allow residents to report illicit discharges and any other information that pertains to the MS4. This contact information will be included on the District website for each resident that resides within the District.

*2.5.2.1 Measurable Goals*

The web page link with the electronic educational materials will include the contact information of the MS4 Operator (name, phone number, email). This will allow residents to report illicit discharges, construction and post-construction site runoff, and request MS4 information. The website and electronic educational materials will include the Operator’s contact information. The website and electronic educational materials will be documented and included in the annual report. The contact information will be reviewed and updated annually to ensure program effectiveness.

*2.5.2.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X									

### 2.5.2.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Include the contact information of the District Operator on the District’s website or in the educational materials, where applicable. Document all information in the annual report.

Permit Year 3 – Update contact information, as needed. Ensure the information is available online annually. Document all information in the annual report.

Permit Year 4 – Update contact information, as needed. Ensure the information is available online annually. Document all information in the annual report.

Permit Year 5 – Update contact information, as needed. Ensure the information is available online annually. Document all information in the annual report.

### 2.5.2.4 *Responsible Persons*

The Board of Directors acting through the Engineer for the District is responsible for including the contact information of the District Operator on the District website to meet the Measurable Goals (2.5.2.1).

**2.6 Selected BMPs for Responding to Illicit Discharges & Spills**

**2.6.1 BMP2d – Responding to Illicit Discharges & Spills**

BLOCK HOUSE MUD will continue to develop and maintain procedures for responding to illicit discharges and spills. The procedures will outline corrective action measures.

*2.6.1.1 Measurable Goals*

The District will evaluate existing procedures and determine if any additional actions are needed to respond to illicit discharges and spills. The Program Administrator will be in charge of identifying the problem and conducting the appropriate actions in response to any illicit discharges or spills. Each response and action conducted will be documented and included in the annual report. The procedures for responding to illicit discharges and spills will be evaluated annually to ensure program effectiveness.

*2.6.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

### 2.6.1.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Evaluate current procedures and determine if changes need to be conducted. Respond to all calls and conduct the appropriate action as concerns the illicit discharges and spills. Document all calls and action items in the annual report.

Permit Year 3 – Evaluate current procedures and determine if changes need to be conducted. Respond to all calls and conduct the appropriate action as concerns the illicit discharges and spills. Document all calls and action items in the annual report.

Permit Year 4 – Evaluate current procedures and determine if changes need to be conducted. Respond to all calls and conduct the appropriate action as concerns the illicit discharges and spills. Document all calls and action items in the annual report.

Permit Year 5 – Evaluate current procedures and determine if changes need to be conducted. Respond to all calls and conduct the appropriate action as concerns the illicit discharges and spills. Document all calls and action items in the annual report.

### 2.6.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for responding to calls and implementing the appropriate actions to meet the Measurable Goals (2.6.1.1).

## 2.6.2 BMP2e – Source Investigation of Illicit Discharges

BLOCK HOUSE MUD will conduct investigations on illicit discharges identified within the District. After the illicit discharge is identified the District Operator will prioritize the illicit discharge based on its risk of pollution. The investigation will be tracked and documented in the annual report.

### 2.6.2.1 Measurable Goals

The District will investigate, detect, and locate illicit discharges, utilizing trained professionals. If an illicit discharge is identified by residents within the MS4, the Operator will promptly gather the appropriate information so the discharge can be quickly located. Upon inspecting the discharge, the Operator will prioritize its risk of pollution. Training will be provided to aid in determining the pollution risk level of each illicit discharge and ensure the discharges are properly prioritized. After this is complete, the Operator will track and document the illicit discharge using a form created by the District. This form will outline all the necessary information required to document, track, and prioritize an illicit discharge. After an illicit discharge is observed and documented, the Operator will proceed with properly removing the illicit discharge. These steps are outlined in BMP 2.6.3. All training materials and investigation documentation will be included in the annual report. The source investigation program will be evaluated annually to ensure program effectiveness.

### 2.6.2.2 Schedule

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

Permit Year 5 (2018)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

2.6.2.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Develop procedures to investigate illicit discharges and spills. Train personnel on procedures to investigate and document illicit discharges. Document all items in the annual report.

Permit Year 3 – Conduct an investigation and train personnel on procedures to investigate and document illicit discharges. Update and revise procedures, as needed. Document all items in the annual report.

Permit Year 4 – Conduct an investigation and train personnel on procedures to investigate and document illicit discharges. Update and revise procedures, as needed. Document all items in the annual report.

Permit Year 5 – Conduct an investigation and train personnel on procedures to investigate and document illicit discharges. Update and revise procedures, as needed. Document all items in the annual report.

2.6.2.4 *Responsible Persons*

The Board of Directors, acting through the Operator for the District, is responsible for investigating illicit discharges and spills to meet the Measurable Goals (2.6.2.1).

### 2.6.3 BMP2f – Source Elimination of Illicit Discharges

BLOCK HOUSE MUD will eliminate the source of an illicit discharge upon determination of its source. This will occur as a result of the source investigations. Corrective actions will be outlined in order to safely eliminate the source of illicit discharges.

#### 2.6.3.1 Measurable Goals

After the investigation process has been completed, the Operator will determine the appropriate steps to eliminate an illicit discharge. Training will be provided on procedures to safely remove illicit discharges. The District is responsible for the corrective action in removing any illicit discharges within the District. The overall goal of this program is to remove any illicit discharge before the material enters the storm sewer system. After the source has been eliminated, the Operator will conduct follow up inspections, if needed, to ensure the corrective measures have been implemented by the responsible party. All training materials and elimination documentation will be included in the annual report. The source elimination program will be evaluated annually to ensure program effectiveness.

#### 2.6.3.2 Schedule

Permit Year 1 (2014)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Permit Year 2 (2015)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

Permit Year 3 (2016)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

Permit Year 4 (2017)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

Permit Year 5 (2018)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

### 2.6.3.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Develop procedures and forms in order to document the corrective action for removing illicit discharges and spills. Document all items in the annual report.

Permit Year 3 – Implement procedures for removing illicit discharges and spills. Document all items in the annual report.

Permit Year 4 – Implement procedures for removing illicit discharges and spills. Document all items in the annual report.

Permit Year 5 – Implement procedures for removing illicit discharges and spills. Document all items in the annual report.

### 2.6.3.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for eliminating illicit discharges to meet the Measurable Goals (2.6.3.1).



**2.7 Selected BMPs for Rate Order**

**2.7.1 BMP2g – Revision to Rate Order for Illicit Discharge**

BLOCK HOUSE MUD’s Rate Order is a mechanism for the District to regulate the use of their facilities and assess fines/penalties for noncompliance. The District’s Rate Order will be evaluated to prohibit non-storm water discharges into the storm sewer system and enforce implementation actions.

*2.7.1.1 Measurable Goals*

BLOCK HOUSE MUD will develop language to insert into the Rate Order that prohibits non-storm water discharges from entering the storm sewer system. A draft version of the language to be included in the Rate Order will be reviewed by the Attorney of the District. The language related to storm water will be included in the annual report once the Rate Order is finalized. The Rate Order will be evaluated during Permit Year 1 to ensure the Rate Order is up to date with the General Permit TXR040000.

*2.7.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
									X	X	X

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

### 2.7.1.3 *Procedures*

Permit Year 1 – Develop a draft of the changes to be implemented in the Rate Order and send to the Attorney for review. Pending Attorney approval, finalize the Rate Order. Document all items in the annual report.

Permit Year 2 – Review annually and propose changes as necessary.

Permit Year 3 – Review annually and propose changes as necessary.

Permit Year 4 – Review annually and propose changes as necessary.

Permit Year 5 – Review annually and propose changes as necessary.

### 2.7.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer and Attorney for the District, is responsible for amending the Rate Order, if necessary, to meet the Measurable Goals (2.7.1.1).

**2.8.1 Selected BMPs for Field Inspection Program**

**2.8.1 BMP1 – Dry Weather Field Screenings**

BLOCK HOUSE MUD will continue the dry weather field screening program to assist in detecting and eliminating illicit discharges. The dry weather screening will consist of field observations. The results of the inspections will be included in the annual report.

*2.8.1.1 Measurable Goals*

The District Operator or Representative of the District will conduct field observations on storm water structural controls within the District. Procedures will be created for observing flows from outfalls when there has been 72 hours of dry weather. A field screening analysis for pollutants will be conducted when a potential problem is observed. In addition to the inspections, any illicit discharges will be investigated and inspected. All illicit discharges detected will be documented and properly removed. All inspection documentation will be included in the annual report. The dry weather field screenings will be evaluated annually to ensure program effectiveness.

*2.8.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

### 2.8.1.3 *Procedures*

Permit Year 1 – Inspect 20-Percent (20%) of the District and perform the appropriate procedures for removing the illicit discharge. Create a report of the inspection results and include this in the annual report.

Permit Year 2 – Inspect 20-Percent (20%) of the District and perform the appropriate procedures for removing the illicit discharge. Create a report of the inspection results and include this in the annual report.

Permit Year 3 – Inspect 20-Percent (20%) of the District and perform the appropriate procedures for removing the illicit discharge. Create a report of the inspection results and include this in the annual report.

Permit Year 4 – Inspect 20-Percent (20%) of the District and perform the appropriate procedures for removing the illicit discharge. Create a report of the inspection results and include this in the annual report.

Permit Year 5 – Inspect 20-Percent (20%) of the District and perform the appropriate procedures for removing the illicit discharge. Create a report of the inspection results and include this in the annual report.

### 2.8.1.4 *Responsible Persons*

The Board of Directors acting through the Engineer for the District is responsible for performing dry weather inspections to meet the Measurable Goals (2.8.1.1).

### 3. Construction Site Storm Water Runoff Control

#### 3.1 Regulatory Requirement

**40 CFR 122.34 (b)(4) – Develop, implement, and enforce a program to reduce pollutants in any storm water runoff to your small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Program must include the development and implementation of, at a minimum:**

- (A) An ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance to the extent allowable under State, Tribal, or local law;**
- (B) Requirements for construction site operators to implement appropriate erosion and sediment control BMPs;**
- (C) Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality;**
- (D) Procedures for site plan review which incorporate consideration of potential water quality impacts;**
- (E) Procedures for receipt and consideration of information submitted by the public;**
- (F) Procedures for site inspection and enforcement of control measures.**

#### 3.2 Current Programs

Currently, BLOCK HOUSE MUD has a variety of programs to address construction site storm water runoff control per the previous Storm Water Management Program (SWMP). All Best Management Practices (BMPs) included in the previous SWMP will be continued in the new SWMP and focus on selecting, installing, implementing, and maintaining storm water control measures that prevent illicit discharges.

#### 3.3 Selected BMPs for Rate Order

##### 3.3.1 BMP3a2g – Revision to Rate Order for Construction Site Storm Water Runoff Control

BLOCK HOUSE MUD's Rate Order is a mechanism for the District to regulate the use of their facilities and assess fines/penalties for noncompliance. The District's Rate Order will be evaluated to enforce a program to reduce pollutants in storm water runoff from construction activities.

##### 3.3.1.1 Measurable Goals

BLOCK HOUSE MUD will develop language to insert into their Rate Order to ensure non-storm water discharges are prohibited from construction sites and enforcement actions are implemented. The language in the Rate Order will provide regulations for construction activities that result in a land disturbance of greater than or equal to one acre or for a construction activity that is part of a larger common plan of development or sale that would disturb one acre or more. The Rate Order will have language pertaining to the control of waste generated by construction activities and

requirements for erosion and sediment control. A draft version of the language to be included in the Rate Order will be reviewed by the Attorney of the District. The language related to storm water will be included in the annual report once the Rate Order is finalized. The Rate Order will be evaluated during Permit Year 1 to ensure the District maintains an effective program to prohibit construction sites' from entering into the storm sewer system.

*3.3.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
									X	X	X

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

*3.3.1.3 Procedures*

Permit Year 1 – Develop a draft of the changes to be implemented in the Rate Order and send to the Attorney for review. Pending Attorney approval, finalize the Rate Order. Document all items in the annual report.

Permit Year 2 – Review annually and propose changes as necessary.

Permit Year 3 – Review annually and propose changes as necessary.

Permit Year 4 – Review annually and propose changes as necessary.

Permit Year 5 – Review annually and propose changes as necessary.

#### 3.3.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for the implementation of the Rate Order to meet the Measurable Goals (3.3.1.1).

### 3.4 Selected BMPs for Construction Site Plan Review

#### 3.4.1 BMP3b – Construction Site Plan Review

BLOCK HOUSE MUD will continue to develop, implement, and evaluate construction site plan review procedures in order to prevent water quality impacts within the District. The District will determine if the necessary measures are being conducted in order to minimize the discharge of pollutants from construction sites. All construction plans will be reviewed to ensure the applicable Storm Water Pollution Prevention Plan (SWP3) has been developed in accordance with TPDES Construction General Permit (CGP) TXR 150000.

##### 3.4.1.1 Measurable Goals

Construction site plan reviews are applicable for all construction activities that result in a land disturbance of greater than or equal to one acre or for a construction activity that is part of a larger common plan of development or sale that would disturb one acre or more. The District will develop a plan review process which will involve a design checklist for the SWP3 to ensure compliance with TPDES CGP TXR150000. A variety of items will be checked, such as erosion and sediment control, best management practices (BMPs), soil stabilization, project size, and construction type. This design checklist will be completed for all applicable construction projects and included in the annual report. By performing these actions, the District will ensure all applicable measures are taken to reduce illicit discharges related to construction sites. The construction site plan review process will be evaluated annually to ensure the District has an effective program to prohibit illicit discharges from entering the storm sewer system.

##### 3.4.1.2 Schedule

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X



Permit Year 5 (2018)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

*3.4.1.3 Procedures*

Permit Year 1 – Evaluate the construction site plan review checklist to ensure no discharges occur as a result of pollutants from construction sites. The District will review all construction projects in accordance with TPDES CGP TXR 150000 and include the forms in the annual report.

Permit Year 2 – Conduct plan reviews using the construction site plan review checklist on all applicable projects and include the forms in the annual report. Review the checklist annually and propose changes as necessary.

Permit Year 3 – Conduct plan reviews using the construction site plan review checklist on all applicable projects and include the forms in the annual report. Review the checklist annually and propose changes as necessary.

Permit Year 4 – Conduct plan reviews using the construction site plan review checklist on all applicable projects and include the forms in the annual report. Review the checklist annually and propose changes as necessary.

Permit Year 5 – Conduct plan reviews using the construction site plan review checklist on all applicable projects and include the forms in the annual report. Review the checklist annually and propose changes as necessary.

*3.4.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for reviewing all construction plans to meet the Measurable Goals (3.4.1.1).

**3.5 Selected BMPs for Construction Site Inspections & Enforcement**

**3.5.1 BMP3c – Construction Site Inspection & Enforcement**

BLOCK HOUSE MUD will continue to inspect large and small construction sites during the active construction phase. The inspections will be conducted using an inspection checklist. The inspection will enforce compliance and determine whether the site has appropriate coverage under TPDES CGP TXR150000. The site inspection checklist and enforcement actions will be tracked and reported in the annual report.

*3.5.1.1 Measurable Goals*

The District will develop and implement a construction site inspection and enforcement program within the District for all construction activities which result in a land disturbance of greater than or equal to one acre. This inspection and enforcement program would also apply to a construction activity that is part of a larger common plan of development or sale that would disturb one acre or more. A Trained Construction Site Operator will conduct a site visit unannounced during the beginning stages of construction and complete an inspection checklist. This checklist will be created in order to determine if the proper control measures have been selected, installed, implemented, and maintained on each construction site. The Operator will evaluate the entire construction site to ensure no threat exists to the environment as a result of construction activities. The inspection checklist will be updated as necessary to properly document the inspections. These inspections will be documented and included in the annual report. The District will train necessary personnel to conduct site inspections and enforcement to ensure compliance through TPDES CGP TXR150000. If necessary, the District will conduct follow-up inspections or enforcement to ensure compliance through this permit. Enforcement actions may be conducted, as necessary, to ensure no illicit discharges enter the storm sewer system. The program will be reviewed and modified annually to ensure program effectiveness.

*3.5.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

Permit Year 4 (2017)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

Permit Year 5 (2018)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

### 3.5.1.3 Procedures

Permit Year 1 – Evaluate the construction site inspection and enforcement procedures to ensure construction site inspections are being conducted satisfactorily. The District will inspect all construction projects in accordance with TPDES CGP TXR 150000 and include the checklist in the annual report.

Permit Year 2 – Conduct construction site inspections and enforcement actions, as needed on all applicable projects. Update/Revise procedures and checklist as needed. Document the checklist in the annual report.

Permit Year 3 – Conduct construction site inspections and enforcement actions, as needed on all applicable projects. Update/Revise procedures and checklist as needed. Document the checklist in the annual report.

Permit Year 4 – Conduct construction site inspections and enforcement actions, as needed on all applicable projects. Update/Revise procedures and checklist as needed. Document the checklist in the annual report.

Permit Year 5 – Conduct construction site inspections and enforcement actions, as needed on all applicable projects. Update/Revise procedures and checklist as needed. Document the checklist in the annual report.

### 3.5.1.4 Responsible Persons

The Board of Directors, acting through the Engineer for the District, is responsible for conducting construction site inspection and enforcement actions to meet the Measurable Goals (3.5.1.1).

### 3.6 Selected BMPs for Educational Training

#### 3.6.1 BMP3d – Training for Construction Site Storm Water Runoff Control

BLOCK HOUSE MUD will provide training to the District Operator and field staff who are responsible for implementing the construction site storm water runoff control program. The training will ensure the construction site plan reviews and site inspections are being conducted in order to minimize the discharge of pollutants from construction sites.

##### 3.6.1.1 Measurable Goals

The District will provide educational training for personnel on how to conduct construction site inspections. Training material will also cover enforcement actions to ensure all construction sites are achieving compliance with TPDES CGP TXR150000. All participants will gain knowledge on how BMPs minimize the discharge of pollutants from equipment and vehicle washing, building materials and products, construction waste and trash, fertilizers, pesticides, herbicides, sanitary waste, and spills and leaks. Personnel will be trained to observe water quality control measures, effective BMPs on construction sites, and address insufficient BMPs. Personnel will ensure construction site activities do not contribute to illicit discharges within the District. The training materials and attendance list will be documented and included in the annual report. The training material will be reviewed and modified annually to ensure program effectiveness.

##### 3.6.1.2 Schedule

Permit Year 1 (2014)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Permit Year 2 (2015)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

Permit Year 3 (2016)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

Permit Year 4 (2017)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

Permit Year 5 (2018)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

*3.6.1.3 Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Develop training material and offer training program. Document the materials and attendance list in the annual report.

Permit Year 3 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

Permit Year 4 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

Permit Year 5 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

*3.6.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for conducting the training program to meet the Measurable Goals (3.6.1.1).

**3.7 Selected BMPs for Guidance Manual**

**3.7.1 BMP3e – Guidance Manual for Construction Site Storm Water Runoff Control**

BLOCK HOUSE MUD will continue to review and inspect construction site activities within the District to prevent illicit discharges. The District will continue to utilize the guidance manual to aid in determining effective BMPs for construction sites and address insufficient BMPs.

*3.7.1.1 Measurable Goals*

The District will continue to utilize the “Drainage Criteria Manual of the City of Austin” to aid in implementing construction site BMPs. The guidance manual provides information on how to implement erosion and sediment control, soil stabilization, and best management practices (BMPs). The guidance manual is a resource for the District to use on the facilities owned and operated by the MS4. The guidance manual will be used to ensure the District effectively addresses construction site storm water structural controls. The program will be reviewed and modified annually to ensure program effectiveness.

*3.7.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

### *3.7.1.3 Procedures*

Permit Year 1 – Continue current procedures, utilizing the guidance manual as necessary.

Permit Year 2 – Continue current procedures, utilizing the guidance manual as necessary.

Permit Year 3 – Continue current procedures, utilizing the guidance manual as necessary.

Permit Year 4 – Continue current procedures, utilizing the guidance manual as necessary.

Permit Year 5 – Continue current procedures, utilizing the guidance manual as necessary.

### *3.7.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for ensuring the guidance manual is available to meet the Measurable Goals (3.7.1.1).

**4. Post-Construction Storm Water Management in New Development and Redevelopment**

**4.1 Regulatory Requirement**

**40 CFR 122.34 (b)(5) – 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 that are less than one acre that are part of a larger common plan of development or sale, that discharge into your small MS4. Your program must ensure that controls are in place that would prevent or minimize water quality impacts.**

**(A) Develop and implement strategies which include a combination of structural and/or non-structural BMPs appropriate for your community;**

**(B) Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under State, Tribal, or local law;**

**(C) Ensure adequate long-term operation and maintenance of BMPs.**

**4.2 Current Programs**

Currently, BLOCK HOUSE MUD has a variety of programs to address post-construction storm water management in new development and redevelopment per the previous Storm Water Management Program (SWMP). All Best Management Practices (BMPs) included in the previous SWMP will be continued in the new SWMP and focus on reducing the discharge of pollutants.

**4.3 Selected BMPs for Post-Construction Storm Water Management in New Development and Redevelopment**

**4.3.1 BMP4a – Revision to Rate Order to Address Post-Construction Runoff**

BLOCK HOUSE MUD’s Rate Order is a mechanism for the District to regulate the use of their facilities and assess fines/penalties for noncompliance. The District’s Rate Order will be evaluated to ensure discharges of pollutants are not allowed within the MS4.

*4.3.1.1 Measurable Goals*

The District will develop language to insert into the Rate Order that prohibits non-storm water discharges. A draft version of the language to be included in the Rate Order will be reviewed by the Attorney of the District. The language related to storm water will be included in the annual report once the Rate Order is finalized. The Rate Order will be evaluated during Permit Year 1 to ensure the District maintains an effective program to address post-construction runoff.

*4.3.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
									X	X	X



Permit Year 2 (2015)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Permit Year 3 (2016)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Permit Year 4 (2017)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Permit Year 5 (2018)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

*4.3.1.3 Procedures*

Permit Year 1 – Develop a draft of the changes to be implemented in the Rate Order and send to the Attorney for review. Pending Attorney approval, finalize the Rate Order. Document all items in the annual report.

Permit Year 2 – Review annually and propose changes as necessary.

Permit Year 3 – Review annually and propose changes as necessary.

Permit Year 4 – Review annually and propose changes as necessary..

Permit Year 5 – Review annually and propose changes as necessary.

*4.3.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer and Attorney for the District, is responsible for the implementation of the Rate Order to meet the Measurable Goals (4.3.1.1).

**4.4 Selected BMPs for Long-Term Maintenance of Post-Construction Measures**

**4.4.1 BMP4b – Guidance Manual for Post-Construction Storm Water Controls**

BLOCK HOUSE MUD will continue to ensure the long-term operation and maintenance of structural storm water control measures installed by the District. The District will continue utilizing a guidance manual to aid in the establishment, implementation, and maintenance of structural and non-structural BMPs appropriate for the community.

*4.4.1.1 Measurable Goals*

The District will continue to utilize the “Drainage Criteria Manual of the City of Austin” to aid in implementing post-construction BMPs. The guidance manual provides information on how to provide long-term maintenance of post-construction storm water control measures. The guidance manual is a valuable resource for the District to use on the facilities owned and operated by the MS4. The guidance manual will be used to ensure the District effectively addresses long term maintenance on structural controls they own and operate. The program will be reviewed and modified annually to ensure program effectiveness.

*4.4.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

#### *4.4.1.3 Procedures*

Permit Year 1 – Continue current procedures, utilizing the guidance manual as necessary.

Permit Year 2 – Continue current procedures, utilizing the guidance manual as necessary.

Permit Year 3 – Continue current procedures, utilizing the guidance manual as necessary.

Permit Year 4 – Continue current procedures, utilizing the guidance manual as necessary.

Permit Year 5 – Continue current procedures, utilizing the guidance manual as necessary.

#### *4.4.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for adopting a guidance manual to meet the Measurable Goals (4.4.1.1).

**4.5 Selected BMPs for Inspection on Post-Construction Measures**

**4.5.1 BMP4c – Inspection Program for Post-Construction Storm Water Controls**

BLOCK HOUSE MUD will continue to perform inspections on all completed construction activities for permitted active public and private construction sites that result in a total land disturbance of greater than or equal to one acre. Inspections will also be performed for a construction activity that is part of a larger common plan of development or sale that would disturb one acre or more within the District. The inspections will ensure permanent structural controls were properly constructed to reduce the potential impact of illicit discharges.

*4.5.1.1 Measurable Goals*

The District Inspector will evaluate all completed construction activities within the District. These inspections will ensure permanent structural controls were properly constructed and that the long-term functionality of the BMP is maintained. Training will be provided to aid in inspecting complete construction activities and documenting the inspections using a form created by the District. This form will outline all the necessary information required to perform the construction inspections. The inspection form will be documented and included in the annual report. The program will be reviewed and modified annually to ensure program effectiveness.

*4.5.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

Permit Year 5 (2018)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

*4.5.1.3 Procedures*

Permit Year 1 – Evaluate the inspection procedures and the inspection form. Conduct inspections on all complete construction activities and document all information in the annual report.

Permit Year 2 – Conduct inspections on all complete construction activities and document all information in the annual report.

Permit Year 3 – Conduct inspections on all complete construction activities and document all information in the annual report.

Permit Year 4 – Conduct inspections on all complete construction activities and document all information in the annual report.

Permit Year 5 – Conduct inspections on all complete construction activities and document all information in the annual report.

*4.5.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for conducting post-construction inspections to meet the Measurable Goals (4.5.1.1).

**4.6 Selected BMPs for Training on Post-Construction Measures**

**4.6.1 BMP4d – Training for Post-Construction Storm Water Controls**

BLOCK HOUSE MUD will train the operator and field staff who are responsible for conducting post-construction storm water control measures. The training program will identify why pollutant discharges are prohibited within the MS4. This educational training program will be offered to field staff on an annual basis.

*4.6.1.1 Measurable Goals*

The training program will address the requirement that all owners and operators of new development and redevelopment sites install and maintain a combination of structural and nonstructural BMPs appropriate for protecting surface waters. The educational training will be offered annually to District field staff. The training program material and attendance list will be documented and included in the annual report. The program will be reviewed and modified annually to ensure program effectiveness.

*4.6.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

#### *4.6.1.3 Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Develop training material and offer training program. Document the materials and attendance list in the annual report.

Permit Year 3 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

Permit Year 4 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

Permit Year 5 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

#### *4.6.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for conducting an annual training session to meet the Measurable Goals (4.6.1.1).

## 5. Pollution Prevention and Good Housekeeping for Municipal Operations

### 5.1 *Regulatory Requirement*

**40 CFR 122.34 (a)(1) – 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; storm water 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.**

### 5.2 *Current Programs*

Currently, BLOCK HOUSE MUD has a variety of operation and maintenance programs, staff trainings, and procedures to prevent or reduce pollutant runoff from municipal activities and municipally owned areas per the previous Storm Water Management Program (SWMP). Most Best Management Practices (BMPs) included in the previous SWMP will be continued in the new SWMP and focus on reducing the discharge of pollutants.

### 5.3 *Selected BMPs for Permittee-Owned Facilities & Control Inventory*

#### 5.3.1 *BMP5a – Inventory of Facilities & Storm Water Structural Controls*

BLOCK HOUSE MUD will develop and maintain an inventory of facilities and storm water structural controls the District owns and operates within the regulated area of the small MS4. If feasible, the inventory may include all applicable permit numbers, registration numbers, and authorizations for each facility or controls.

##### 5.3.1.1 *Measurable Goals*

The District will keep an inventory of the facilities owned and operated by the MS4. The inventory list may include: composting facilities; equipment storage and maintenance facilities; fuel storage facilities; hazardous waste disposal facilities; hazardous waste handling and transfer facilities; incinerators; landfills; material storage yards; pesticide storage facilities; buildings, including schools, libraries, police stations, fire stations, and office buildings; parking lots; golf courses; swimming pools; public works yards; recycling facilities; salt storage facilities; solid waste handling and transfer facilities; street repair and maintenance sites; vehicle storage and maintenance yards; and structural storm water controls. The District inventory list will be included in the annual report. The inventory list will be evaluated annually to ensure all facilities are included.



5.3.1.2 *Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

5.3.1.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – No Action Required.

Permit Year 3 – Develop inventory of facilities and storm water controls. Include the list in the annual report.

Permit Year 4 – Maintain an updated inventory list. Document all items in the annual report.

Permit Year 5 – Maintain an updated inventory list. Document all items in the annual report.

5.3.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for the inventory of facilities and storm water controls to meet the Measurable Goals (5.3.1.1).

**5.4 Selected BMPs for Education and Training**

**5.4.1 BMP5b – Training for Pollution Prevention & Good Housekeeping**

BLOCK HOUSE MUD will develop a training program which describes the implementation of pollution prevention and good housekeeping practices. This educational training program will be offered to field staff on an annual basis.

*5.4.1.1 Measurable Goals*

The training program will address how to effectively implement pollution prevention and good housekeeping practices in municipal activities and municipally owned facilities. The educational training will be available to District field staff and offered annually. The training program material and attendance list will be documented and included in the annual report. The program will be reviewed and modified as necessary to ensure program effectiveness.

*5.4.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
			X	X	X						

#### 5.4.1.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Develop training material and offer training program. Document the materials and attendance list in the annual report.

Permit Year 3 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

Permit Year 4 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

Permit Year 5 – Update/Revise the training program, as needed. Offer the training program to field staff and document the materials and attendance list in the annual report.

#### 5.4.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for conducting the training program to meet the Measurable Goals (5.4.1.1).

**5.5 Selected BMPs for Disposal of Waste**

**5.5.1 BMP5c –Disposal of Waste**

BLOCK HOUSE MUD will ensure that all waste disposed within the small MS4 is disposed of in accordance with 30 Texas Administration Code (TAC) Chapters 330 or 335. The District will provide spill response kits at District facilities to prevent illicit discharges from entering the storm sewer system.

*5.5.1.1 Measurable Goals*

The District will ensure all waste materials removed from the MS4 are properly disposed of and do not contribute as an illicit discharge within the District. The District Operator will verify all facilities within the MS4 will dispose of waste in accordance with 30 TAC Chapters 330 or 335. The District will provide spill response kits in convenient locations at facilities. If spill occur, the kits can be used to safely remove the pollutants before they enter the storm sewer system. The District Operator will supply formal correspondence acknowledging these requirements have been achieved. This information will be included in the annual report. The program will be reviewed and modified annually to ensure program effectiveness.

*5.5.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
									X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
									X	X	X

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
									X	X	X

### 5.5.1.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – No Action Required.

Permit Year 3 – Review 30 TAC Chapters 330 and 335 and evaluate methods for waste disposal. Ensure all waste is properly disposed of and does not contribute as illicit material. Document all items in the annual report.

Permit Year 4 – Ensure all waste is properly disposed of and does not contribute as illicit material. Document all items in the annual report.

Permit Year 5 – Ensure all waste is properly disposed of and does not contribute as illicit material. Document all items in the annual report.

### 5.5.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for evaluating waste disposal to meet the Measurable Goals (5.5.1.1).

**5.6 Selected BMPs for Contractor Requirements & Oversight**

**5.6.1 BMP5d – Contractor Oversight**

BLOCK HOUSE MUD will provide Contractor oversight during construction activities to ensure Contractors use the appropriate BMP control measures and standard operating procedures (SOPs).

*5.6.1.1 Measurable Goals*

The District will monitor Contractors performing construction activities within the MS4 which disturb more than one acre to verify compliance with TPDES CGP TXR150000. Construction Site Plan Reviews and Site Inspections will be conducted to provide Contractor oversight and help prevent water quality issues. For all construction activities disturbing less than one acre, the District will evaluate all storm water control measures, good housekeeping practices, and facility specific storm water management operating procedures when hiring a Contractor. Furthermore, the District Operator can inspect the Contractor’s construction activity anytime during the construction phase, if needed. Any instances of improper use or lack of BMPs will be documented and addressed promptly by the Contractor. All documentation will be included in the annual report. The program will be reviewed and modified as necessary to ensure program effectiveness.

*5.6.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

Permit Year 5 (2018)											
Months											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
X	X	X	X	X	X	X	X	X	X	X	X

5.6.1.3 *Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – Develop procedures for Contractor oversight during construction activities within the District. Document all items in the annual report.

Permit Year 3 – Provide Contractor oversight during construction activities within the District. Document all items in the annual report.

Permit Year 4 – Provide Contractor oversight during construction activities within the District. Document all items in the annual report.

Permit Year 5 – Provide Contractor oversight during construction activities within the District. Document all items in the annual report.

5.6.1.4 *Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for providing Contractor oversight to meet the Measurable Goals (5.6.1.1).

**5.7 Selected BMPs for Municipal Operation & Maintenance Activities**

**5.7.1 BMP5e –Municipal Operation & Maintenance Activities**

BLOCK HOUSE MUD will evaluate existing operation and maintenance (O&M) activities and develop pollution prevention measures that will reduce the discharge of pollutants in storm water. The District will also identify pollutants of concern that could be discharged from O&M activities.

*5.7.1.1 Measurable Goals*

BLOCK HOUSE MUD will evaluate current O&M activities for their potential to discharge pollutants in storm water, such as right-of-way maintenance, including mowing, herbicide and pesticide application, and planting vegetation. The District will identify and create a list of any pollutants of concern that could be discharged from O&M activities. Some examples of pollutants of concern that could be discharged from O&M activities are: metals; chlorides; hydrocarbons such as benzene, toluene, ethyl benzene, and xylenes; sediment; and trash. Once all O&M activities are evaluated, a list will be created of these pollutants and included in the annual report. Following the creation of the pollutant list, the District will consider implementing pollution prevention measures, such as: replacing materials and chemicals with more environmentally benign materials or methods; changing operations to minimize the exposure or mobilization of pollutants; and placing barriers around or conducting runoff away from chemical storage areas to prevent discharge into surface water. The District will develop and implement a set of pollution prevention measures to fit the District’s needs for O&M activities and include this in the annual report. The District will evaluate the pollutant list and pollution prevention measures annually in order to ensure program effectiveness.

*5.7.1.2 Schedule*

<b>Permit Year 1 (2014)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 2 (2015)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>Permit Year 3 (2016)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			



<b>Permit Year 4 (2017)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

<b>Permit Year 5 (2018)</b>											
<b>Months</b>											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						X	X	X			

*5.7.1.3 Procedures*

Permit Year 1 – No Action Required.

Permit Year 2 – No Action Required.

Permit Year 3 – Identify and evaluate all O&M activities for their potential to discharge pollutants in storm water. Include this list in the annual report.

Permit Year 4 – Identify and evaluate all O&M activities for their potential to discharge pollutants in storm water. Include this list in the annual report.

Permit Year 5 – Continued evaluation of O&M activities, as needed.

*5.7.1.4 Responsible Persons*

The Board of Directors, acting through the Engineer for the District, is responsible for evaluating the O&M activities to meet the Measurable Goals (5.7.1.1).

BLOCK HOUSE MUD  
MS4 Schedule

Minimum Control Measures	Best Management Practices	Duration	Start	Finish	Permit Year 1 (2014)											
					Months											
					14-Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>1. Public Education, Outreach, and Involvement</b>																
1.3.1	Utility Bill Inserts															
1.3.2	Electronic Education															
1.4.1	Storm Drain Marking															
1.4.2	Recycling/Trash Clean-up															
1.4.3	Storm Water Quality Monitoring															
1.5.1	Opportunity for Public Comment	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
<b>2. Illicit Discharge Detection and Elimination</b>																
2.3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls															
2.4.1	Training for Illicit Discharge Detection and Elimination															
2.5.1	Public Reporting using Utility Bill Inserts															
2.5.2	Public Reporting using Electronic Education															
2.6.1	Responding to Illicit Discharge & Spills															
2.6.2	Source Investigation of Illicit Discharges															
2.6.3	Source Elimination of Illicit Discharge															
2.7.1	Revision to Rate Order for Illicit Discharge	90 Days	Oct	Dec										X	X	X
2.8.1	Dry Weather Field Screenings	90 Days	Jul	Sep							X	X	X			
<b>3. Construction Site Storm Water Runoff Control</b>																
3.3.1	Revision to Rate Order for Construction Site Storm Water Runoff Control	90 Days	Oct	Dec										X	X	X
3.4.1	Construction Site Plan Review	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
3.5.1	Construction Site Inspection & Enforcement	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
3.6.1	Training for Construction Site Storm Water Runoff Control															
3.7.1	Guidance Manual for Construction Site Storm Water Runoff Control	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
<b>4. Post-Construction Storm Water Management in New Development and Redevelopment</b>																
4.3.1	Revision to Rate Order to Address Post Construction Runoff	90 Days	Oct	Dec										X	X	X
4.4.1	Guidance Manual for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
4.5.1	Inspection Program for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
4.6.1	Training for Post-Construction Storm Water Controls															
<b>5. Pollution Prevention/Good Housekeeping for Municipal Operations</b>																
5.3.1	Inventory of Facilities & Stormwater Structural Controls															
5.4.1	Training for Pollution Prevention & Good Housekeeping															
5.5.1	Disposal of Waste															
5.6.1	Contractor Oversight															
5.7.1	Municipal Operation & Maintenance Activities															

BLOCK HOUSE MUD  
MS4 Schedule

Minimum Control Measures	Best Management Practices	Duration	Start	Finish	Permit Year 2 (2015)											
					Months											
					15-Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>1. Public Education, Outreach, and Involvement</b>																
1.3.1	Utility Bill Inserts	90 Days	Jan	Mar	X	X	X									
1.3.2	Electronic Education	90 Days	Jan	Mar	X	X	X									
1.4.1	Storm Drain Marking	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
1.4.2	Recycling/Trash Clean-up	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
1.4.3	Storm Water Quality Monitoring	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
1.5.1	Opportunity for Public Comment	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
<b>2. Illicit Discharge Detection and Elimination</b>																
2.3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls	90 Days	Apr	Jun				X	X	X						
2.4.1	Training for Illicit Discharge Detection and Elimination	90 Days	Apr	Jun				X	X	X						
2.5.1	Public Reporting using Utility Bill Inserts	90 Days	Jan	Mar	X	X	X									
2.5.2	Public Reporting using Electronic Education	90 Days	Jan	Mar	X	X	X									
2.6.1	Responding to Illicit Discharge & Spills	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
2.6.2	Source Investigation of Illicit Discharges	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
2.6.3	Source Elimination of Illicit Discharge	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
2.7.1	Revision to Rate Order for Illicit Discharge															
2.8.1	Dry Weather Field Screenings	90 Days	Jul	Sep							X	X	X			
<b>3. Construction Site Storm Water Runoff Control</b>																
3.3.1	Revision to Rate Order for Construction Site Storm Water Runoff Control															
3.4.1	Construction Site Plan Review	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
3.5.1	Construction Site Inspection & Enforcement	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
3.6.1	Training for Construction Site Storm Water Runoff Control	90 Days	Apr	Jun				X	X	X						
3.7.1	Guidance Manual for Construction Site Storm Water Runoff Control	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
<b>4. Post-Construction Storm Water Management in New Development and Redevelopment</b>																
4.3.1	Revision to Rate Order to Address Post Construction Runoff															
4.4.1	Guidance Manual for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
4.5.1	Inspection Program for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
4.6.1	Training for Post-Construction Storm Water Controls	90 Days	Apr	Jun				X	X	X						
<b>5. Pollution Prevention/Good Housekeeping for Municipal Operations</b>																
5.3.1	Inventory of Facilities & Stormwater Structural Controls															
5.4.1	Training for Pollution Prevention & Good Housekeeping	90 Days	Apr	Jun				X	X	X						
5.5.1	Disposal of Waste															
5.6.1	Contractor Oversight	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X
5.7.1	Municipal Operation & Maintenance Activities															

BLOCK HOUSE MUD  
MS4 Schedule

					Permit Year 3 (2016)												
Minimum Control Measures	Best Management Practices	Duration	Start	Finish	Months												
					16-Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>1. Public Education, Outreach, and Involvement</b>																	
1.3.1	Utility Bill Inserts	90 Days	Jan	Mar	X	X	X										
1.3.2	Electronic Education	90 Days	Jan	Mar	X	X	X										
1.4.1	Storm Drain Marking	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.4.2	Recycling/Trash Clean-up	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.4.3	Storm Water Quality Monitoring	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.5.1	Opportunity for Public Comment	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>2. Illicit Discharge Detection and Elimination</b>																	
2.3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls	90 Days	Apr	Jun				X	X	X							
2.4.1	Training for Illicit Discharge Detection and Elimination	90 Days	Apr	Jun				X	X	X							
2.5.1	Public Reporting using Utility Bill Inserts	90 Days	Jan	Mar	X	X	X										
2.5.2	Public Reporting using Electronic Education	90 Days	Jan	Mar	X	X	X										
2.6.1	Responding to Illicit Discharge & Spills	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.6.2	Source Investigation of Illicit Discharges	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.6.3	Source Elimination of Illicit Discharge	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.7.1	Revision to Rate Order for Illicit Discharge																
2.8.1	Dry Weather Field Screenings	90 Days	Jul	Sep							X	X	X				
<b>3. Construction Site Storm Water Runoff Control</b>																	
3.3.1	Revision to Rate Order for Construction Site Storm Water Runoff Control																
3.4.1	Construction Site Plan Review	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
3.5.1	Construction Site Inspection & Enforcement	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
3.6.1	Training for Construction Site Storm Water Runoff Control	90 Days	Apr	Jun				X	X	X							
3.7.1	Guidance Manual for Construction Site Storm Water Runoff Control	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>4. Post-Construction Storm Water Management in New Development and Redevelopment</b>																	
4.3.1	Revision to Rate Order to Address Post Construction Runoff																
4.4.1	Guidance Manual for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
4.5.1	Inspection Program for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
4.6.1	Training for Post-Construction Storm Water Controls	90 Days	Apr	Jun				X	X	X							
<b>5. Pollution Prevention/Good Housekeeping for Municipal Operations</b>																	
5.3.1	Inventory of Facilities & Stormwater Structural Controls	90 Days	Jul	Sep							X	X	X				
5.4.1	Training for Pollution Prevention & Good Housekeeping	90 Days	Apr	Jun				X	X	X							
5.5.1	Disposal of Waste	90 Days	Oct	Dec										X	X	X	
5.6.1	Contractor Oversight	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
5.7.1	Municipal Operation & Maintenance Activities																

BLOCK HOUSE MUD  
MS4 Schedule

					Permit Year 4 (2017)												
Minimum Control Measures	Best Management Practices	Duration	Start	Finish	Months												
					17-Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>1. Public Education, Outreach, and Involvement</b>																	
1.3.1	Utility Bill Inserts	90 Days	Jan	Mar	X	X	X										
1.3.2	Electronic Education	90 Days	Jan	Mar	X	X	X										
1.4.1	Storm Drain Marking	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.4.2	Recycling/Trash Clean-up	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.4.3	Storm Water Quality Monitoring	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.5.1	Opportunity for Public Comment	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>2. Illicit Discharge Detection and Elimination</b>																	
2.3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls	90 Days	Apr	Jun				X	X	X							
2.4.1	Training for Illicit Discharge Detection and Elimination	90 Days	Apr	Jun				X	X	X							
2.5.1	Public Reporting using Utility Bill Inserts	90 Days	Jan	Mar	X	X	X										
2.5.2	Public Reporting using Electronic Education	90 Days	Jan	Mar	X	X	X										
2.6.1	Responding to Illicit Discharge & Spills	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.6.2	Source Investigation of Illicit Discharges	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.6.3	Source Elimination of Illicit Discharge	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.7.1	Revision to Rate Order for Illicit Discharge																
2.8.1	Dry Weather Field Screenings	90 Days	Jul	Sep							X	X	X				
<b>3. Construction Site Storm Water Runoff Control</b>																	
3.3.1	Revision to Rate Order for Construction Site Storm Water Runoff Control																
3.4.1	Construction Site Plan Review	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
3.5.1	Construction Site Inspection & Enforcement	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
3.6.1	Training for Construction Site Storm Water Runoff Control	90 Days	Apr	Jun				X	X	X							
3.7.1	Guidance Manual for Construction Site Storm Water Runoff Control	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>4. Post-Construction Storm Water Management in New Development and Redevelopment</b>																	
4.3.1	Revision to Rate Order to Address Post Construction Runoff																
4.4.1	Guidance Manual for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
4.5.1	Inspection Program for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
4.6.1	Training for Post-Construction Storm Water Controls	90 Days	Apr	Jun				X	X	X							
<b>5. Pollution Prevention/Good Housekeeping for Municipal Operations</b>																	
5.3.1	Inventory of Facilities & Stormwater Structural Controls	90 Days	Jul	Sep							X	X	X				
5.4.1	Training for Pollution Prevention & Good Housekeeping	90 Days	Apr	Jun				X	X	X							
5.5.1	Disposal of Waste	90 Days	Oct	Dec										X	X	X	
5.6.1	Contractor Oversight	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
5.7.1	Municipal Operation & Maintenance Activities	90 Days	Jul	Sep							X	X	X				

BLOCK HOUSE MUD  
MS4 Schedule

					Permit Year 5 (2018)												
Minimum Control Measures	Best Management Practices	Duration	Start	Finish	Months												
					18-Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>1. Public Education, Outreach, and Involvement</b>																	
1.3.1	Utility Bill Inserts	90 Days	Jan	Mar	X	X	X										
1.3.2	Electronic Education	90 Days	Jan	Mar	X	X	X										
1.4.1	Storm Drain Marking	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.4.2	Recycling/Trash Clean-up	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.4.3	Storm Water Quality Monitoring	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
1.5.1	Opportunity for Public Comment	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>2. Illicit Discharge Detection and Elimination</b>																	
2.3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls	90 Days	Apr	Jun				X	X	X							
2.4.1	Training for Illicit Discharge Detection and Elimination	90 Days	Apr	Jun				X	X	X							
2.5.1	Public Reporting using Utility Bill Inserts	90 Days	Jan	Mar	X	X	X										
2.5.2	Public Reporting using Electronic Education	90 Days	Jan	Mar	X	X	X										
2.6.1	Responding to Illicit Discharge & Spills	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.6.2	Source Investigation of Illicit Discharges	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.6.3	Source Elimination of Illicit Discharge	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
2.7.1	Revision to Rate Order for Illicit Discharge																
2.8.1	Dry Weather Field Screenings	90 Days	Jul	Sep							X	X	X				
<b>3. Construction Site Storm Water Runoff Control</b>																	
3.3.1	Revision to Rate Order for Construction Site Storm Water Runoff Control																
3.4.1	Construction Site Plan Review	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
3.5.1	Construction Site Inspection & Enforcement	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
3.6.1	Training for Construction Site Storm Water Runoff Control	90 Days	Apr	Jun				X	X	X							
3.7.1	Guidance Manual for Construction Site Storm Water Runoff Control	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>4. Post-Construction Storm Water Management in New Development and Redevelopment</b>																	
4.3.1	Revision to Rate Order to Address Post Construction Runoff																
4.4.1	Guidance Manual for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
4.5.1	Inspection Program for Post-Construction Storm Water Controls	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
4.6.1	Training for Post-Construction Storm Water Controls	90 Days	Apr	Jun				X	X	X							
<b>5. Pollution Prevention/Good Housekeeping for Municipal Operations</b>																	
5.3.1	Inventory of Facilities & Stormwater Structural Controls	90 Days	Jul	Sep							X	X	X				
5.4.1	Training for Pollution Prevention & Good Housekeeping	90 Days	Apr	Jun				X	X	X							
5.5.1	Disposal of Waste	90 Days	Oct	Dec										X	X	X	
5.6.1	Contractor Oversight	360 Days	Jan	Dec	X	X	X	X	X	X	X	X	X	X	X	X	X
5.7.1	Municipal Operation & Maintenance Activities	90 Days	Jul	Sep							X	X	X				



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

### 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](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.: 63425  
Name Printed on Check: Jones & Carter, Inc.
  - 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: TXR04 0313  
**(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 600610729
- b. What is the Legal Name of the entity (applicant) applying for this permit?  
Block House Municipal Utility District  
(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: Terence Davis Suffix: \_\_\_\_\_  
Title: President 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: (512) 246-1400 Ext: \_\_\_\_\_ Fax Number: (512) 246-1900  
E-mail: GSpoots@crossroadsus.com  
Mailing Address: 2601 Forest Creek Dr.  
Internal Routing (Mail Code, Etc.): \_\_\_\_\_  
City: Round Rock State: TX ZIP Code: 78665  
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 102315918
- b. Name that is used to identify the small MS4 (Example: City of XXX MS4)  
Block House MUD 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 Cedar Park ETJ that is located within the Austin urbanized area.
- d. County where the largest residential population exists within the regulated MS4 boundaries:  
Williamson County

Is the MS4 located within additional counties?

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

No

- e. Latitude: 30° 32' 44" N Longitude: 97° 49' 34" W

### 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: 9511
- 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 TXR040000.

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: Michael Gurka

Title: MS4 Program Administrator Company: Jones & Carter, Inc.

Phone Number: (713) 777-5335 Ext: 2266 Fax Number: (713) 777-5976

E-mail: mgurka@jonescarter.com

Mailing Address: 6335 Gulfton, Suite 100

Internal Routing (Mail Code, Etc.): \_\_\_\_\_

City: Houston State: TX ZIP Code: 77081

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?

Block House Creek

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

Segment 1244A - Brushy Creek

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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?

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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: Michael Gurka

Title: MS4 Program Administrator Company: Jones & Carter, Inc.

Phone Number: (713) 777-5337 Ext: 2266 Fax Number: (713) 777-5976

E-mail: mgurka@jonescarter.com

Mailing Address: 6335 Gulfton, Suite 100

Internal Routing (Mail Code, Etc.): \_\_\_\_\_

City: Houston State: TX ZIP Code: 77081

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: Cedar Park Public Library

Address of Public Place: 550 Discovery Boulevard, Cedar Park, TX 78613

County of Public Place: Williamson 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 1<sup>st</sup> of each year will be accessed an Annual Water Quality Fee.  Yes

