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WATER PROTECTION PROGRAM

**STORMWATER
MANAGEMENT PLAN
MEXICO, MO**

June 2013-June 2018

Prepared By:

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FOR MEXICO, MO

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Mexico, MO - Wetland Inventory



Legend

Incorporated Areas, 2007

-  City
-  Town
-  Village
-  Census Designated Place
-  Other

National Wetlands Inventory

-  Inland Aquatic Bed
-  Inland Forested Wetland
-  Inland Herbaceous Wetland
-  Inland Shrub Swamp
-  Lower Perennial River
-  Upper Perennial River
-  Intermittent River
-  Lake (Shallow)
-  Lake (Deep)
-  Pond
-  Pond (Drawdown)
-  Other Vegetated Wetland

Locator Map



Map prepared by:
<http://cares.missouri.edu>,
4/17/2013

**PART I
CITY OF MEXICO
BACKGROUND**

City of Mexico Background

Information on the Permittee:

Name of the Permittee: City of Mexico, Missouri
Type of Entity: City – Municipality
Total Area (acres): 11.7 sq. miles
Mailing Address: 300 N. Coal, Mexico, MO 65265
Primary Contact: J. Kensey Russell, P.E., P.L.S. – City Engineer
Phone Number: 573-581-2100
Secondary Contact: Jim Sternberg – Engineering Technician
Phone Number: 573-581-2100
Population (2010): 11,543

Information on the Municipal Separate Storm Sewer System:

MS4 System Location: Mexico, Missouri
Name of Organization: City of Mexico, Missouri
County Permittee Resides: Audrain County
The major receiving waters within the permitted area include: Davis Creek, South Fork Salt River, Long Branch, Town Branch, Lakeview (Park) Lake, Teal Lake, Kiwanis Lake, Railroad Lake (AKA C&A Lake)
None of the receiving waters are on the latest CWA's list of impaired waters.

Information on Adjacent Waterways:

The Permittee is within 100 feet of: Davis Creek, South Fork Salt River, Long Branch, Town Branch
The Permittee discharges to waters classified as major reservoirs: Lakeview (Park) Lake, Teal Lake, Kiwanis Lake and Railroad Lake (AKA C&A Lake).
The Permittee has some area defined as wetlands as identified by the National Wetland Inventory. See attached map.
Stormwater from Mexico does not discharge to a sinkhole.

**PART II
MINIMUM
CONTROL
MEASURES**

1. Public Education and Outreach

1.1 Regulatory Requirement

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

1.2 Target pollutants

The following is a list of the leading pollutants, experienced in the permitted area, that are carried by stormwater runoff into water bodies:

1. Suspended solids
2. Oil and grease
3. Pesticides/Herbicides
4. Bacteria/Nutrients/Oxygen-depleting substances
5. Habitat alterations
6. Salinity (salt)
7. Litter/Trash

1.3 Target audiences

During the development of the proposed education program, Mexico identified the sources of stormwater pollutants that needed to be reduced to improve overall water quality. The target audiences were selected because changing their behavior would have a significant stormwater quality impact on the target pollutants. The target audiences for the public education program are:

1. Citizens (Homeowners)
2. Developers and Home Builders
3. Business Owners
4. Children
5. Elected Officials
6. City Staff

1.4 Selected BMPs for Public Education and Outreach

1.4.1 Stormwater Web Page

The City of Mexico has selected the use of a web page for implementation as part of this Stormwater Management Program.

The City maintains a web page with stormwater education information on the City's web site. The page includes general stormwater information, conveys actions citizens can take to improve stormwater quality, solicits input on the program plan, and has direct links to the stormwater ordinances and guidance documents. The website will be reviewed annually to determine if any updates are needed.

1.4.2 Brochures

The City of Mexico has selected brochures for implementation as part of this Stormwater Management Program.

The City developed informational flyers related to protecting water quality (Rain Gardens and Healthy Lawns). They also have a general information brochure on stormwater management. These educational materials are available at City Hall and on the City web site. They will be replenished as needed. The approximate number of flyers and brochures printed and distributed will be reported annually.

1.4.3 City Newsletter Article

The City of Mexico has selected distributing information through its newsletter for implementation as part of this Stormwater Management Program. This will allow the City to distribute to the widest audience possible.

The City newsletter is generated approximately twice each year. Staff will put stormwater education information in the newsletter as the opportunity arises. The number of stormwater articles published will be reported on annually.

1.4.4 Distribute Educational Materials at Community Event

The City of Mexico has selected distributing educational materials at a community event for implementation as part of this Stormwater Management Program. This will allow the City to distribute to the widest audience possible. Staff will distribute stormwater education materials at least once per year at a community event. The annual report will indicate at which event(s) staff distributed information, the approximate number of attendees at the event and the type of information distributed.

1.4.5 Door Hangers

The City of Mexico has selected door hangers for implementation as part of this Stormwater Management Program. This will allow the City to distribute to the widest audience possible. At this time, door

hangers are distributed in relation to the storm drain marking program. Door hangers related to the weed code enforcement may be able to be amended to include water quality information.

At least until all storm drains are marked, door hangers will continue to be utilized as part of this program. After this program is completed, the use of door hangers will be reviewed to determine if it is feasible to continue their use in another capacity. The approximate number of door hangers distributed will be reported annually.

1.4.6 Social Media

The City of Mexico has selected the use of social media for implementation as part of this Stormwater Management Program. This will allow the City to distribute to the widest audience possible. The City currently maintains a Facebook page. As social media continues to evolve, the City will leverage the various technologies to distribute education information to its citizens.

Staff will post stormwater education information to some form of social media at least twice a year. The number of times information is posted, to which social media site it is posted and the general content of the educational message will be reported on annually.

2. Public Involvement in Stormwater Management Program Development

2.1 Regulatory Requirement

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. EPA recommends that the public be included in developing, implementing, and reviewing your stormwater management program and that the public participation process should make efforts to reach out and engage all economic and ethnic groups.

2.2 Public Notice/Target Audiences

The City of Mexico will comply with state and local public notice requirements when implementing the public involvement/participation program. The public will be included in reviewing and implementing the stormwater management program as much as possible. The target audiences for the public involvement program are the same as those listed in Section 1.3.

2.3 Selected BMPs for Public Involvement

2.3.1 Existing Public Meetings

The City of Mexico has selected inviting public input through existing meetings for implementation as part of this Stormwater Management Program. There is an open public comment period at each City Council meeting where citizens are allowed input on any City issue. Additionally, development and redevelopment issues as they relate to stormwater are discussed at the Planning and Zoning hearings. The City Council typically has meetings twice a month and the Planning and Zoning hearings are typically held monthly. The number of meetings where stormwater input is received will be reported annually.

2.3.2 Public Input on SWMP

The City of Mexico has selected requesting public input on this SWMP for implementation as part of this Stormwater Management Program. This BMP allows for direct public involvement and participation in the development and implementation of the SWMP. This BMP will include posting the SWMP on the City web site and inviting comment. The SWMP will be presented at a City Council work session and public comment invited at the following City Council meeting.

A summary of input received, if any, will be included in the annual report.

2.3.3 PubWorks Service Request Tracking System

The City of Mexico has selected utilization of the PubWorks service request tracking system as part of this Stormwater Management Program. Staff currently receives calls related to a variety of public works issues including stormwater problems. These service requests are tracked and closed out after resolution of the issue is completed. A summary of the number of stormwater issues reported and tracked through this system will be included in the annual report.

2.3.4 Community Group Activities

The City of Mexico will continue to work with various community groups to perform implementation of the Stormwater Management Plan. In the past, these groups have included the Boy Scouts, the Missouri Military Academy cadets, Teva employees, etc. These groups have worked on storm drain marking, outfall inspection, litter pick-up, etc.

Staff will continue to work with these groups to leverage their manpower to implement the stormwater program. A summary of the types of activities completed and approximate number of people involved will be provided in the annual report.

3. Illicit Discharge Detection and Elimination

3.1 Regulatory Requirement

40 CFR 122.34 (b)(3) -Develop, implement, and enforce a program to detect and eliminate illicit discharges into your small MS4. Develop a storm sewer system map, showing the location of all outfalls and the names and locations of all water of the U.S. that receive discharges from those outfalls. To the extent allowable under state, tribal or local law, effectively prohibit, through ordinance, or other regulatory mechanism, non-stormwater discharges into your storm sewer system and implement appropriate enforcement procedures and actions. Develop and implement a plan to detect and address non-stormwater discharges including illegal dumping to your system. 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 MS4.

3.2 Storm Sewer System Map

The City of Mexico developed a storm sewer system map, showing the location of all outfalls and the names and locations of all water of the U.S. that receive discharges from those outfalls. It is a GIS-based map that integrates additional GIS data such as aerial photography, contour data, etc. that is available. The original data collection was performed by George Butler and Associates, additional updates and data collection have been completed by the City, and the conversion from paper maps to the GIS was completed by Horner and Shifrin.

The map is updated as the system expands or as discrepancies with field information are discovered.

3.3 Illicit Discharge Detection and Elimination Ordinance

The City of Mexico passed an illicit discharge detection and elimination ordinance on December 14, 2009. This ordinance can be found in Article IV of Chapter 12.5 in the City Code (available on the City web site). The ordinance will be reviewed once each permit cycle to determine if any updates are needed.

3.4 Plan to Detect and Address Illicit Discharges

3.4.1 Procedure for Locating Priority Areas for Screening

The City of Mexico will complete a desktop exercise in the first permit year to prioritize areas for the dry weather field screening program. The drainage areas contributing to the major outfalls of the jurisdiction will be reviewed. Outfalls with large drainage areas will be broken down into smaller sub-drainage areas. Land uses (commercial, industrial, residential, etc.) of each contributing drainage area will be reviewed. The screening locations will be selected based on the land use and the size of the enclosed system.

The results of this desktop exercise will be documented in writing. The selected outfall screening locations will be mapped. The outfall locations will be reviewed at the end of the permit cycle to determine if any additional screening locations are needed due to changes within the watersheds. Screening records will also be reviewed to determine if the monitoring frequency of any of the locations needs to change (more or less frequent).

3.4.2 Dry Weather Field Screening

The City of Mexico will conduct dry weather field screening of outfalls. The outfall inspections will be prioritized according to the findings of the desktop exercise discussed in Section 3.4.1. Additional outfalls may be inspected as time and resources allow. Generally, outfalls in the Town Branch watershed will be inspected biannually with other outfalls being inspected in the "off" years. These outfall inspections may be coordinated with the community group activities discussed in Section 2.3.4. The number of outfall inspections completed will be reported annually.

3.4.3 Investigate cross-connection of sanitary and storm sewer systems

The City of Mexico will continue to investigate cross-connection of the sanitary sewer system through CCTV inspection. This work will be coordinated with the City's wastewater inflow and infiltration (I&I) reduction program. The lineal feet of sanitary and/or storm sewer lines inspected will be reported annually.

3.4.4 Procedures for Tracing Source

The City of Mexico will continue to utilize its storm sewer system map to trace the source of any illicit discharges that are discovered.

3.4.5 Procedures for Removing Source

The City of Mexico will utilize the enforcement mechanisms within its adopted ordinance to remove the source of any illicit discharges discovered where the responsible party can be identified. Public Works or Public Safety staff (depending on the nature of the source)

will remove the source of any illicit discharges discovered where the responsible party cannot be identified.

3.4.6 Plan to Ensure Enforcement

The City of Mexico will develop a written Enforcement Response Plan in the first permit year. This plan will document the exact work process from the receipt of information from the public or discovery of an illicit discharge through the removal of the source. It will include identification of the responsibilities of any staff involved in the process. It will also include enforcement escalation as necessary.

The number of illicit discharges detected, investigated and eliminated will be reported on annually.

3.4.7 Public/Employee Education

The City of Mexico has developed a public education effort to inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste. This has included distribution of informational door hangers during storm drain marking events (in addition to the marking itself). This information is also included in the stormwater education brochures and flyers. This BMP also addresses the minimum control measure for public education. See Section 1 for additional details.

3.4.8 Continue Household Hazardous Waste (HHW) Collection Program

The City of Mexico will continue to encourage its citizens to participate in the HHW collection program in order to prevent these materials from becoming illicit discharges. The public education program will further advertise these options for proper disposal of HHW.

3.5 *Non-Stormwater/Incidental Flows*

3.5.1 Addressing Non-Stormwater Flows

The City of Mexico does not currently see the need to address the following non-stormwater flows into their MS4: landscape irrigation, rising ground waters, uncontaminated ground water infiltration, uncontaminated pumped ground water, discharges from potable water sources, foundation drains, air conditioning condensation, springs, water from crawl space pumps, footing drains, lawn watering, flows from riparian habitats and wetlands, flows from street wash water, and flows from emergency fire- fighting

activities. These flows are not considered significant contributors of pollutants to the MS4.

3.5.2 Addressing Incidental Non-Stormwater Flows

The City of Mexico does not currently see the need to address incidental non-stormwater flows into their MS4 (such as non-commercial or charity car washes). These flows are not considered significant contributors of pollutants to the MS4.

3.6 *Industrial/Commercial Facilities*

The City of Mexico is not currently required to inventory and inspect industrial or commercial facilities. However, the illicit discharge ordinance gives them the authority to do so if this becomes a permit requirement.

4. Construction Site Stormwater Controls

4.1 Regulatory Requirement

40 CFR 122.34 (b)(4) -Develop, implement and enforce a program to reduce pollutants in any stormwater 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) and ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance, requirements for construction site operators to implement appropriated erosion and sediment control BMPs, requirements for construction site operators to control waste at the construction site, procedures for site plan review which incorporate consideration of potential water quality impacts, procedures for receipt and consideration of information submitted by the public.

4.2 Selected BMPs for Construction Site Stormwater Controls

4.2.1 Construction Site Runoff Control Ordinance

The City of Mexico adopted a construction site runoff control ordinance and associated design guidance on December 14, 2009. The ordinance can be found in Article IV of Chapter 12.5 of the City Code which is available on the City web site. The related design guidance can be found in Chapter 8 of the Stormwater Design Manual. The ordinance and associated design guidance will be reviewed at least once during the permit cycle to determine if any changes are needed.

4.2.2 Construction Site Waste Control

The City of Mexico adopted a construction site runoff control ordinance and associated design guidance on December 14, 2009. The specific requirements related to construction site waste control can be found in Section 12.5-81 (Article IV of Chapter 12.5) of the City Code which is available on the City web site. The related design guidance can be found in Chapter 8 of the Stormwater Design Manual. The ordinance and associated design guidance will be reviewed at least once during the permit cycle to determine if any changes are needed.

4.2.3 Pre-Construction Plan Review

The City of Mexico has selected plan review for implementation as part of this Stormwater Management Program. Plan review policies and procedures adding emphasis on protection of water quality were developed as part of the stormwater design manual. All development and re-development projects disturbing greater than one acre (or otherwise requiring City review) will be evaluated for the potential impact to water quality and comments provided to minimize the potential for discharge of pollutants from the site.

The number of plans reviewed for water quality impacts will be reported annually.

4.2.4 Receive Public Input on Construction Projects

This BMP coordinates with MCM #2 and can be integrated into existing activities through receipt of information from the public at the existing Planning and Zoning hearings and City Council meetings. Additional input can be received less formally through the City web site and at the designated phone number and mailing address.

Information about construction site runoff control will be integrated into the public education program as feasible. This may increase the input received from the public on construction projects.

A summary of the input from the public on construction projects will be included in the annual report.

4.2.5 Construction Site Inspections

The City of Mexico has selected construction site inspections for implementation as part of this Stormwater Management Program. Inspection procedures were developed during the previous permit cycle. All development and re-development projects disturbing greater than one acre will be inspected at least monthly when active. The inspection records are kept in the City Engineer's office at City Hall.

The number of construction site inspections completed will be reported annually.

4.2.6 Ensuring Compliance (Enforcement)

The City of Mexico's stormwater ordinance has a detailed outline of the process that will be followed for enforcement including escalation as necessary. It includes the use of verbal and written notifications, stop work orders, permit revocations, and deeming the violation a nuisance if abatement is necessary.

The number of construction site runoff control enforcement actions taken will be reported on annually.

5. Post Construction Stormwater Management for New Development/ Redevelopment

5.1 Regulatory Requirement

40 CFR 122.34 (b)(5) –Develop, implement and enforce a program to address stormwater 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. Develop and implement strategies which include a combination of structural and/or non-structural BMPs appropriate for your community. Use an ordinance or other regulatory mechanism to address post-construction runoff. Ensure adequate long-term operation and maintenance of BMPs.

5.2 Priority Areas for Post-Construction Program

The City of Mexico considers any area that may be developed or re-developed a "priority area" for the post-construction stormwater management program.

5.3 Selected BMPs for Post Construction Stormwater Management for New Development/Redevelopment

The City of Mexico has developed a strategy to minimize water quality impacts of new and redevelopment (disturbing greater than one acre) by mimicking pre-development conditions. This plan includes the following Best Management Practices:

5.3.1 Ordinance to address post-construction management

The City of Mexico adopted a comprehensive post-construction stormwater management ordinance on May 30, 2011. This code can be found in Chapter 12.5 (primarily Article III) of the City Code on the City's web site. This ordinance included provisions for stormwater quantity and quality management through runoff reduction, control of the channel protection volume and management of flood flows. It also has requirements for treatment of the water quality storm. The ordinance will be reviewed at least once during the permit cycle for any needed modifications.

Good... but is it
90% or equivalent?
Plan review and approval? code is?

5.3.2 Plan for Long Term Operation and Maintenance of Post-Construction BMPs

The City of Mexico adopted a comprehensive post-construction stormwater management ordinance on May 30, 2011. This ordinance included provisions to authorize the inspection of post-construction stormwater BMPs. It also included enforcement mechanisms if violations are found. This code can be found in Article V of Chapter 12.5 of the City Code on the City's web site.

The City will develop an inventory of post-construction BMPs and identify the responsible parties for each. Post-construction BMPs will be inspected biannually. Results of these inspections and a summary of enforcement actions taken will be reported annually.

5.3.3 Non-structural BMPs

The City of Mexico will utilize its planning and development codes to direct growth to identified areas, maintain or increase open space, minimize impervious surfaces, minimize soil/vegetation disturbance, encourage infill development, encourage the redevelopment of brownfield and grayfield sites, and improve site design for overall water quality impact.

The comprehensive stormwater management ordinance passed on May 30, 2011 included protection for wetlands and riparian areas. A stream buffer of 30' (20' streamside zone and 10' outer zone) is required along all streams (indicated by blue lines on the USGS quadrangle maps) for all new and redevelopments disturbing more than one acre.

The number of new and redevelopments submitted for review utilizing these non-structural BMPs will be reported on annually.

The public education and outreach program will include elements of post-construction stormwater management and source control/good housekeeping where feasible. Any specific educational efforts will be reported on annually.

5.3.4 Structural BMPs

TBEL
is this
adequate to
channel protection?
slopes?

The City of Mexico adopted a comprehensive post-construction stormwater management ordinance on May 30, 2011. At the same time, the City adopted a Design Manual that laid out the methodology for using a variety of structural BMPs to manage the quantity and quality of stormwater runoff from new and redevelopment sites disturbing greater than one acre. The manual addresses: detention, infiltration, evapotranspiration, engineered re-use, and other retrofit technologies.

0201
10/10/11

The number of new and redevelopments submitted for review utilizing these structural BMPs will be reported on annually.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

6.1 Regulatory Requirement

40 CFR 122.34 (b)(6) Develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations.

6.2 List of Municipal Operations

Per the permit requirement, the City of Mexico is implementing Good Housekeeping practices in all municipal operations that can reasonably be expected to impact water quality. The City of Mexico's municipal operations as they relate to the MS4 permit and program include the management and maintenance of:

- Parks and Open Space
- Other Municipally-Owned Recreational Facilities
- Roads and Streets
- Municipal Fleet (Vehicles and Equipment)
- Vehicle and Equipment Yards
- Municipal Buildings
- Municipal Parking Lots
- Storm Sewer System
- Salt/Sand Storage Areas
- Residential Solid Waste Collection (by contract)
- Wastewater Collection

Additionally, any construction or land disturbance undertaken by City crews or by contractors to the City would be considered "municipal operations".

6.3 Selected BMPs for Municipal Operations

6.3.1 MS4 Maintenance (including proper management of waste removed from MS4)

The City of Mexico will operate and maintain its municipal separate storm sewer system (MS4) in order to reduce pollutants discharged from the MS4 to the maximum extent practicable. Public Works staff will inspect storm sewers and inlets/catch basins as they conduct their other routine duties. They will clean out pipes and structures from debris and any other pollutants discovered during these inspections. Litter removed from the MS4 will be disposed of in dumpsters. Other

floatables and grit will be disposed of according to solid waste management standards.

Metrics related to the operation and maintenance of the MS4 will be collected (i.e. Number of manhours spent inspecting and/or cleaning catch basins, pipes, and ditches) and reported on annually.

6.3.2 Streets/Parking Lot Pollution Control

The City of Mexico will operate and maintain its street system and municipally owned parking lots in a manner to reduce pollutants discharged to the MS4 to the maximum extent practicable. Public Works staff will perform regular street sweeping. Municipal parking lots will be swept at least once each year. Litter will be picked up as staff and volunteer resources are available.

Metrics related to the streets/parking lot pollution control will be collected (i.e. Number hours spent street sweeping, number of times parking lots are cleaned, number of man hours spent picking up litter, etc) and reported on annually.

6.3.3 Pollution Control for Maintenance/Storage Yards

The City of Mexico will operate and maintain its municipal maintenance and storage yard in a manner to prevent and/or reduce pollutants discharged from the site to the MS4 to the maximum extent practicable. The Singleton Maintenance Building is located at 221 South Morris Street. This facility is home to the streets and parks maintenance. Other departments use this facility for fleet maintenance as well.

The site will follow general Good Housekeeping practices related to outdoor storage. It will be inspected annually to review the need for additional site specific BMPs. The results of these inspections will be included in the annual report.

6.3.4 Pollution Control for waste transfer stations

The City of Mexico contracts solid waste collection and disposal. The waste transfer station is not within the MS4 jurisdictional boundary.

6.3.5 Pollution Control for Fleet and Maintenance Shops

The City of Mexico will operate and maintain its municipal fleet and maintenance shop in a manner to prevent and/or reduce pollutants discharged from these sites to the MS4 to the maximum extent practicable. Fleet maintenance for most City equipment and vehicles is performed at the Singleton Maintenance Building located at 221 Morris Street.

The site will follow general Good Housekeeping practices. It will be inspected annually to review the need for additional site specific BMPs related to fleet maintenance. The results of these inspections will be included in the annual report.

6.3.6 Pollution Control for Salt/Sand Storage

The City of Mexico will operate and maintain its salt/sand storage areas in a manner to prevent and/or reduce pollutants discharged from these sites to the MS4 to the maximum extent practicable. Deicing materials are kept at the Singleton Maintenance Building located at 221 South Morris.

The site will follow general Good Housekeeping practices throughout the year. Additionally cleanup and inspections of the storage areas will be conducted after snow events. These sites will be reviewed annually to determine the need for additional site specific BMPs. The results of these inspections will be included in the annual report.

6.3.7 Solid Waste Control

The City of Mexico will manage solid waste on and within municipally owned facilities to prevent and/or reduce pollutants discharged from these sites to the MS4 to the maximum extent practicable. This will include trash removal from City rights-of-way, buildings, open space, etc. Solid waste will be properly stored in dumpsters with lids until it can be disposed of by the solid waste management contractor.

6.3.8 Pollution Control for Fueling Operations

The City of Mexico will operate and maintain its municipal fueling facilities in a manner to prevent and/or reduce pollutants discharged from these sites to the MS4 to the maximum extent practicable. A 750 gallon diesel above ground diesel storage tank is located at the

Singleton Maintenance Building (221 S. Morris). This tank is leased from MFA who is responsible for the tank and its secondary containment. There is a 300 gallon diesel tank located at Robert S. Green Park (Muldrow and Hisey Streets). There are fuel tanks at the Mexico Memorial Airport (5720 East Liberty) - a 3000 gallon and a 1000 gallon tank of aviation fuel and a 500 gallon tank of unleaded fuel. There is also approximately 2000 gal of jet fuel on the tank truck. All other gasoline is obtained from commercial fuel stations through a fuel card system.

City staff will follow general Good Housekeeping practices as they relate to storage and dispensing of fuel. A Spill Prevention, Control and Countermeasure plan will be available at any site where the quantity of fuel storage dictates.

Fuel storage and dispensing locations will be inspected annually to determine if any additional BMPs are necessary. The results of these inspections will be included in the annual report.

6.3.9 RCRA/CERCLA Substance Management

The City of Mexico will manage hazardous substances that fall under the RCRA/CERCLA regulations.

6.3.10 Paints/Solvents Management

The City of Mexico will manage paints and solvents in a manner to prevent and/or reduce pollutants discharged to the MS4 to the maximum extent practicable. This will apply to any area where these products are stored or used.

City staff will follow general Good Housekeeping practices in the storage and use of these products. Old, unused quantities will be disposed of through the City's HHW program. Paint and solvent storage areas will be inspected annually to determine if any additional BMPs are necessary. The results of these inspections will be included in the annual report.

6.3.11 Petroleum/Petroleum Waste Products Management

The City of Mexico will manage petroleum and petroleum waste products in a manner to prevent and/or reduce pollutants discharged to

the MS4 to the maximum extent practicable. This will apply to any area where these products are stored or used.

City staff will follow general Good Housekeeping practices in the storage and use of petroleum and petroleum waste products. Storage areas will be inspected annually to determine if any additional BMPs are necessary. The results of these inspections will be included in the annual report. Quantities of used oil that is recycled will also be reported annually.

6.3.12 Water Quality Impacts of Flood Control Projects

The City of Mexico will ensure new flood management projects are assessed for impacts on water quality and existing projects are assessed for incorporation of additional water quality protection devices or practices. New flood management projects completed by private developers must follow the post-construction stormwater management ordinance which requires the treatment of the water quality storm. The City of Mexico rarely completes new flood management projects. However, in the event that one is scheduled on the capital projects list, the City Engineer will review the plans to determine if the water quality storm has been effectively treated. Any information related to new or retrofitted flood management projects will be included in the annual report.

6.4 Employee Training

The City of Mexico will provide training to employees related to Good Housekeeping in Municipal Operations at least once each year. A summary of the number of employees trained and the topics discussed will be included in the annual report.

7. General Rationale

7.1 Decision Process

The City of Mexico reviewed the General Permit requirements and selected each of the BMPs after reviewing research from notable sources such as the EPA and the Center for Watershed Protection. Programs from other communities were also examined. Various BMPs were selected based on the evidence that they will have a positive impact on targeted pollutants. City staff also examined each BMP for how it could fit into existing activities and mechanisms. The SWMP will be made available for public inspection and comment upon completion.

7.2 Responsible Person

The person responsible for the overall management and implementation of the permittee's stormwater management program is the City Engineer. Others will be involved in the execution of each of the individual activities in the program.

7.3 Evaluation

The City of Mexico will report annually on the level of achievement toward all measurable goals. Where applicable, metrics will be documented. Qualitative anecdotal evidence will also be documented where possible.