



FORM M – APPLICATION FOR STORMWATER GENERAL PERMIT: PHASE 2 SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PROGRAM (FORM K OR L MUST BE INCLUDED)

1. MUNICIPALITY/AREA INFORMATION

1.1 Name of municipality/area(s) to be covered by this permit:

City of Duquesne, MO

1.2 Physical location of municipality/area(s) (address assigned):

1501 S. Duquesne, Joplin, MO. 64801

1.3 Total area of municipality/area (s) _____ acres or 1.86 square miles.

2. STORMWATER MANAGEMENT PLAN (SWMP) INFORMATION (Attach additional sheets as necessary)

2.1 A Stormwater Management Plan (SWMP) must be developed for this municipality/area. This plan must be developed in accordance with requirements & guidelines specified within the general permit for stormwater discharges from regulated MS4 activities.

2.2 a. This application is for coverage under the MOR04 Two-step MS4 General Permit. The application will be considered incomplete if the SWMP has not been developed in accordance with the terms of the general permit. **A copy of the SWMP must be submitted along with this application.**

x b. This application is for coverage under the MOR04C Comprehensive MS4 General Permit.

2.3 Summarize the measures from the SWMP that will be used for **PUBLIC EDUCATION AND OUTREACH.**

1. The MS4 Operator will maintain a SW page on their City webpage with up to date information & working links, which will be updated as necessary and links checked at a minimum annually. Webpage will be maintained throughout each year. The # of hits will be monitored and determine if more education is necessary due to any comments or reactions. 2. The MS4 Operator will publish at least 4 educational posts on Facebook that are seasonally related Information will provide information on how attendees can minimize or avoid adverse SW impacts or practices to improve the quality of stormwater runoff. Must be continued for the full year. Tracking will be through the number of likes, reactions, and comments, which will help determine future education.

2.4 Summarize the measures from the SWMP that will be used for **PUBLIC INVOLVEMENT AND PARTICIPATION.**

The City will have on public display the draft of the MS4 permit from February 15, 2021 through March 17, 2021 with a public meeting scheduled in March of 2021. A minimum of a 30 day notice will be given for this meeting. This public display and meeting will be publicized by posting on the City website and will be discussed in the February 2021 council meeting and put in the meeting minutes. The City will summarize the MS4 Stormwater Management Program and the permit renewal process. Comments from the public will be taken from the public during this time. The City maintains a Stormwater Hotline that can also take comments. Written comments will be taken at City Hall. The permit renewal application and associated paperwork will be available at City Hall and on the city website for a minimum of 30 days.

A summary of the progress and status of the Stormwater Management Program will be presented annually to the Board of Aldermen.

2.5 Summarize the measures from the SWMP that will be used for **ILLICIT DISCHARGE DETECTION AND ELIMINATION.**

Chapter 515 of the City of Duquesne's Municipal Code addresses IDDE. Appropriate enforcement is built into the code with the possibility of fines for code violation through the municipal court system. A storm water system map, with outfalls is available for public viewing at City Hall and is used for dry weather inspections as lined out in the MS4 permit. Inspection logs are maintained. A minimum of 60% of all outfalls will be inspected during the 5-year permit cycle. Priority areas shall be established as necessary. The city maintains an IDDE Field Investigation Manual as the written procedure for use during inspections. This manual contains procedures for tracing sources. Operator will continue to improve training procedures for field staff.

2.6 Summarize the measures from the SWMP that will be used for **CONSTRUCTION SITE STORM WATER RUNOFF CONTROL.**

The City uses the existing Stormwater Management ordinance, Stormwater Management criteria Manual, and Subdivision Regulations adopted in order to address construction site storm water runoff. The City Administrative Assistant, with the City Engineer, building inspector, the Planning and Zoning Committee, and the Board of Aldermen reviews pre-construction site plans for those construction sites that are required to meet stormwater requirements. Inspections are performed during construction and enforcement of controls are enforced when necessary. Inspections are tracked. A review of procedures will be reviewed and necessary changes to be compliant with the new permit will be completed within the first year. A Stormwater hotline is maintained and any comments can be submitted to the City. The City will continue to train inspection staff at least once per permit cycle.

2.7 Summarize the measures from the SWMP that will be used for **POST CONSTRUCTION STORM WATER MANAGEMENT.**

The City uses the existing Stormwater management ordinance to address construction site storm water runoff. The City has adopted the Stormwater Management Criteria Manual which addresses long-term maintenance of permanent BMPs. The Stormwater Management Criteria Manual contains provisions and standard plans for a variety of structural and non-structural BMPs for the purpose of minimizing water quality impacts. The City uses a pre-construction plan review and approval process (See 2.6 above.). BMPs are inspected during and at the close of construction to ensure compliance with approved construction plans. Inspections will be handled by the City Engineer and Building Inspector. Long-term maintenance of BMPs will be ensured through annual inspections by with the City, its agent, or the owner/operator. Enforcement measures are written into the City of Duquesne Municipal code. Any necessary maintenance will be conducted by the City, it's engineers, or a private entity depending on the scope of the maintenance required. The City will continue to train inspection staff at least once per permit cycle.

2.8 Summarize the measures from the SWMP that will be used **FOR POLLUTION PREVENTION AND GOOD HOUSEKEEPING.**

The City will develop an Operations and Maintenance program that includes training with the ultimate goal of reducing pollutant runoff from municipal operations including training on such items as vehicle washing, repair and maintenance, facility repairs, remodeling and construction, drainage channels, water quality impacts along with general good housekeeping procedures. The City will train municipal operations staff annually in the good housekeeping measures appropriate to their job. City facilities will be inspected annually for stormwater issues. A copy of the newly developed Operation and Maintenance Manual will be made available at each municipal facility. The O & M Manual and inspection procedures will be reviewed annually and updated as needed.

3. MUNICIPALITY/ AREA WATER BODY INFORMATION

3.1 The municipality/area(s) or discharge from MS4 is within 100 feet of waters classified per 10 CSR 20-7.031 Water Quality Standards (check each that applies, and for those present, please identify their location in an attachment):

- Public drinking water supply lake (L1)
- Major reservoirs (L2)
- Outstanding national or state resource waters
- Streams designated for cold-water habitat
- Permanently flowing streams (P), except for Missouri and Mississippi Rivers
- None

3.2 Is the discharge from the MS4 within two stream miles upstream of biocriteria reference locations as defined in 10 CSR 20-7.031?

- YES (If yes, please list these receiving waters in an attachment.)
- NO

3.3 Is any part of the area(s) defined as wetland? YES NO

Note: A Clean Water Act, Section 404 Permit may be required for the development in wetland area(s) from the US Army Corps Of Engineers.

3.4 Does any of the stormwater discharge to a sinkhole, losing stream, or any other topographical feature that would be a direct conduit to ground water?

- YES (If yes, please identify the location(s) of these geologic features in an attachment.)
- NO

4. CERTIFICATION

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

(Attach additional pages if additional signatures are required for a co-permit).

OWNER OR AUTHORIZED REPRESENTATIVE	OFFICIAL TITLE
EMAIL ADDRESS	TELEPHONE NUMBER WITH AREA CODE
SIGNATURE	DATE SIGNED