



**National Pollutant Discharge Elimination System (NPDES)**

**Storm Water Management Program  
Site Registration Form**

**for**

**West Virginia**

**Municipal Separate Storm Sewer Systems (MS4s)  
General Permit WV0116025**

The site registration application (SRA) is for local governments or other regulated entities to submit the required information necessary for their Stormwater Management Program (SWMP) for compliance under the National Pollutant Discharge Elimination System (NPDES) MS4 General Permit to discharge stormwater runoff from a small municipal separate storm sewer system (MS4).

An authorized signature as required by 47CSR10 is needed to complete the application. All information should be included on this form or if needed, additional information can be attached at the end of the SRA.

**Two (2) copies** of the site registration application form shall be mailed to the address below.

**West Virginia Department of Environmental Protection  
Division of Water and Waste Management – MS4 Program  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304**

## Section I. General Information

### MS4 Operator

Part II A.

- 1.a. Name of City, County or other public entity that operates a small MS4:  
**City of Fairmont ( Acting by and through the Sanitary Sewer Board)**
- 1.b. Mailing Address:  
**P.O. Box 1428, Fairmont, West Virginia 26555-1428**
- 

Local staff contact, person responsible for overall program implementation and coordination.  
(This is the person DEP will contact as the need arises for more information and/or details about your stormwater management program or general questions concerning stormwater in your community.)

- 1.c. Name:  
**John Carson**
- 1.d. Title:  
**Utility Manager**
- 1.e. Phone:  
**(304) 366-0540**
- 1.f. E-mail address:  
**[jcarson@fairmontwv.gov](mailto:jcarson@fairmontwv.gov)**
- 1.g. Name:  
**Mike Bragg**
- 1.h. Title:  
**Wet Weather Program Manager**
- 1.i. Number:  
**(304) 366-0540**
- 1.j E-mail address  
**mbragg@fairmontwv.gov**

**John Carson serves as the Utility Manager for the City of Fairmont and as defined in City of Fairmont Ordinance 1355, the Utility Manager is the Director of the Stormwater Program. Mike Bragg serves as Wet Weather Program Manager while also serving as the Stormwater Program Manager.**

### Certification

47CSR10

By completing and submitting this application, I have reviewed and understand and agree to the terms and conditions of #WV0116025 small MS4 General Permit issued on July 11,2014. I understand that provisions of the MS4 general permit are enforceable by law. Violations of any term and condition of the general permit and/or other applicable law or regulations can lead to enforcement action.

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.

2.a. Authorized signature \_\_\_\_\_  
(Mayor or Principle Executive Officer)

2.b. Print name John Carson

2.c. Title UtilityManager

2.d. Date November 18, 2024

**Co-permittees** (Complete this section if co-permitting with another MS4 entity)  
Part III. A.

- 3.a. Name of MS4 Operator      **NA**
- 3.b. Contact person
- 3.c. Telephone
- 3.d. Address
- 3.e. Email address
- 3.f. Have legal agreements been finalized between co-permittees?
- 3.g. If yes, provide agreement with this application. (With signatures)

## **Section II. Storm Sewer System**

### **Description of storm sewer system**

4.a. Area (in acres) that drains into the MS4 from outside the corporate or jurisdictional boundaries:  
**1652 acres**

4.b. Area (in acres) within current corporate or jurisdictional boundaries:  
**5996 acres**

4.c. For all MS4s, population (using the most recent U.S. Census data) for area served:  
**18,704 (2010 Census)**

(Universities: give current enrollment plus staff and faculty. Transportation agencies: give population of your MS4 in urbanized areas. Prisons; give current inmate plus staff population.)

Part IV.B.

- 4.d. Latitude and Longitude of representative outfall:  
**Longitude- 80 Degrees: 09 Minutes: 03 Seconds:**  
**Latitude- 39 Degrees: 28 Minutes: 52 Seconds:**

Part IV.B.

- 4.e. Describe the physical location of your representative outfall. If a street address is not possible use cross street descriptions.

**Outfall number 010 outlets into Coal Run behind the 5<sup>th</sup> Street Park located at the corner of 5<sup>th</sup> Street and Benoni Avenue.**

Part IV.B.

- 4.f. Describe your monitoring plan to include the frequency and parameters.

**The Fairmont Sanitary Sewer Board will monitor the outfall designated above outfall two times a year. Semi-annual samples will be taken at the representative outfall described above at a minimum of 3 months apart. Samples will be collected during normal business hours and during the first 30 minutes after a rainfall of at least 0.1 inches has begun preceded by a period of dry weather of at least 72 hours. The Fairmont Sanitary Sewer Board will monitor for the following parameters:**

<b>Parameter</b>	<b>EPA Method No.</b>	<b>Method Detection Limit (mg/l)</b>
<b>Total Kjeldahl Nitrogen</b>	<b>351.4</b>	<b>0.03</b>
<b>Nitrate Nitrogen</b>	<b>300.0</b>	<b>0.002</b>
<b>Nitrite Nitrogen</b>	<b>300.0</b>	<b>0.004</b>
<b>Total Phosphorus</b>	<b>365.4</b>	<b>0.01</b>

All samples will be collected and preserved in accordance with the methods listed in the preceding table. A certified laboratory will be used to do the analysis. A chain of custody will be kept with the results. Results will be submitted electronically through the WVDEP electronic Discharge Monitoring Report (eDMR) and a set of results will be kept on file. The Total Nitrogen value to be reported on the Discharge Monitoring Reports' (eDMR) will be the sum of the following parameters; Total Kjeldahl Nitrogen, Nitrate, and Nitrite. If all three constituents of total nitrogen are not detected at its method detection limit (MDL), the Fairmont Sanitary Sewer Board will sum the actual MDLs for each constituent and report the results as less than the calculation. When calculating the sum of the constituents for total nitrogen, the Fairmont Sanitary Sewer Board will use actual analytical results when these results are greater than or equal to the MDL for a particular constituent and use zero for a constituent if one or two of the constituents are less than the MDL. The methods and detection levels in the table above will be used unless the Fairmont Sanitary Sewer Board desires to use an EPA-approved method with a detection level equal to or lower than those specified above.

## **Storm Sewer Infrastructure**

Provide the most accurate number possible.

5.a. Storm sewers, in feet	<b>21,120</b>
5.b. Open ditches, in feet	<b>Approx. 158,400 to date</b>
5.c. Outfalls	<b>112</b>
5.d. Catch basins	<b>4630</b>
5.e. Detention* facilities	<b>COF owned -0, Privately Owned-0</b>
5.f. Retention** facilities	<b>COF owned -2, Privately Owned-13</b>
5.g. Treatment facilities	<b>0</b>
5.h. Regional stormwater facilities	<b>0</b>

6.a. Does your MS4 receive stormwater discharges from WVDOT storm sewer system, roads or right-of-ways?

**Yes, Interstate 79, US Routes 19, 250, WV State Routes 273, 310, and State Local Service Routes 56, 58, 64,73, 31/9, 31/18, 72/1, 73/28, 250/19, 250/79.**

6.b. Does your MS4 discharge into WVDOT storm sewer systems or right-of-ways?

**Yes, Interstate 79, US Routes 19, 250, WV State Routes 273, 310, and State Local Service Routes 56, 58, 64,73, 31/9, 31/18, 72/1, 73/28, 250/19, 250/79.**

7. Is your MS4 interconnected with another MS4? (Does stormwater flow into or out of your storm sewer system to or from another MS4?) If yes, describe.

**Yes, Portions of Fairmont's MS4 system, Fairmont State University's MS4 and the West Virginia Department of Transportation of Highway's MS4 flow into and out of each other's system.**

8. Does your municipality contain combined sewer systems?

**Yes.**

9.a. What percentage is drained by Combined Sewer System?

**Approximately 80% is drained by a Combined Sewer System.**

9.b. What percentage is drained by separate storm sewer system?

**Approximately 20% is drained by a Separate Storm Sewer System. When more accurate information is available, the Fairmont Sanitary Sewer Board will present DEP with this information.**

**Industrial Facilities owned by the MS4 entity**

Part II.C.b.6.d.

10.a. Does your MS4 own and/or operate an industrial facility that discharges stormwater into the MS4?

**Yes, such facilities are indicated on map in Appendix A – City of Fairmont Stormwater Management Map.**

10.b. If yes, how many?

**Four**

(Item 11 is intentionally empty)

**Map Requirements**

Please provide a legible map that identifies the following information:

12.a. City, County or jurisdiction boundaries.

**See Appendix A – City of Fairmont Stormwater Management Map.**

12.b. State or Federal operated vocational/college/university campuses and military institutions

**Fairmont State University, Federal facilities at the Hi-Tech Consortium Park, and National Guard Armory are indicated on the map in Appendix A.**

12.c. Urban area as defined by the 2000 Census, use 2010 Census data if available.

**The City of Fairmont is an Urban Cluster according to the 2010 Census.**

12.d. Municipal, County, or State wastewater treatment plants and their associated outfalls.

**The Fairmont Waste Water Treatment plant and associated outfalls are shown on the map in Appendix A – City of Fairmont Stormwater Management Map.**

12.e. Landfills.

**No landfills exist in the Fairmont jurisdictional boundaries.**

12.f. Municipal, County or State operated vehicle or fleet maintenance garages.

**State, County, and Fairmont Sanitary Sewer Board vehicle and public works maintenance garages are shown on the map in Appendix A – City of Fairmont Stormwater Management Map.**

12.g. Any other Municipal, County or State operated industrial activities, these could include; salt storage areas, parks and recreational areas, chemical storage areas, etc.

**City parks, recreational facilities, and industrial facilities including WVDOH materials storage facilities and Fairmont Sanitary Sewer Board road salt and materials storage facilities are shown on map in Appendix A – City of Fairmont Stormwater Management Map.**

12.h. Arterial, Municipal, or State roads.

**See Appendix A – City of Fairmont Stormwater Management Map.**

12.i. Stormwater discharge points and receiving streams.

**See also 12.d. above.**

12.j. Streams and waterways within the MS4.

**See Appendix A – City of Fairmont Stormwater Management Map.**

12.k. Delineation of watershed area that drains into your MS4.

**See Appendix A– City of Fairmont Stormwater Management Map.**

Part.II.C.b.3.a.iv.

12.l. Submit paper maps folded to 8.5” x 11”.

Part.II.C.b.3.a.iv.

12.m. Multiple maps must be of the same scale, 1:1000 or 1:2000.

### **Receiving Streams and Impaired Waterbodies/TMDLs**

Part III.D.1

List all named receiving waters within your MS4 jurisdiction. Indicate those identified as impaired pursuant to Clean Water Act Section 303(d). For a listing of West Virginia’s impaired water bodies and the source of impairment please use WVDEP’s most recent 303d list found at this website:

[http://www.dep.wv.gov/WWE/watershed/IR/Pages/303d\\_305b.aspx](http://www.dep.wv.gov/WWE/watershed/IR/Pages/303d_305b.aspx)

## 13. Locations &amp; Pollutants of Concern

Table 1

Name of receiving stream	WV Code	Integrated Report Category	TMDL Code	303D List or TMDL	Parameters of Impairment	303d List Cycle/TMDL Approval Date
Bell Run	None	None	None	None	None	None
Buffalo Creek	WVM-23	5	MU-4	303D TMDL TMDL	CNA-Biological Iron Fecal Coliform	2014 draft April 2014 April 2014
Coal Run	WVM-25	4a	MU-6	TMDL	Fecal Coliform	April 2014
Goose Creek	None	3	MW-2	TMDL Wasteload Allocations	Iron Fecal Coliform	July 2014
Hickman Run	WVM-24	4a	MU-5	TMDL TMDL TMDL	CNA-Biological Iron Fecal Coliform	April 2014 April 2014 April 2014
Monongahela River	WVM-up	5		303D	Fecal Coliform	2014 draft
UNT Monongahela River (Sharon Steel)	WVM-22.9	5	M-23.5	303D 303D TMDL	Aluminum ph Iron	2014 draft 2014 draft Sept 2001
Rheas Run	None	3	MW-1	TMDL Wasteload Allocations	Iron Fecal Coliform	July 2014
Tygart River	WVMT	5	MT	* TMDL * TMDL 303D	Fecal Coliform Iron CNA-Biological	Oct 2015 Oct 2015 2014 draft
West Fork River	WVMW	4a	MW	TMDL TMDL TMDL	CNA-Biological Fecal Coliform Iron	July 2014 July 2014 July 2014

(This table has been updated with information provided from the WV DEP)

\* TMDL is waiting for EPA approval.

Please add additional pages if needed to list your Receiving Waterbodies and any impairments.

**\*\*IMPORTANT\*\***

MS4s that discharge into a receiving water which has been listed on the West Virginia Section 303(d) list of impaired waters, and with discharges that contain the pollutant(s) for which the water body is impaired, ***must document in the SWMP how the BMPs will control the discharge of the pollutant(s) of concern.*** They must demonstrate that there will be no increase of the pollutants of concern. As you work your way through, describing the various practices, consider how that BMP will address or control the pollutant of concern.

If your MS4 discharges into a water body with an approved TMDL, and that TMDL contains requirements for control of pollutants from the MS4 stormwater discharges, then your SWMP must include BMPs ***specifically targeted to achieve the wasteload allocations prescribed by the TMDL.*** A monitoring component to assess the effectiveness of the BMPs in achieving the wasteload allocations must also be included in the SWMP. Monitoring shall be specific for the pollutants of concern and be of sufficient frequency to determine if the stormwater BMPs are adequate to meet wasteload allocations. Monitoring can entail a number of activities including but not limited to: outfall monitoring, in-stream monitoring, and/or modeling.

- 14.a. List and quantify the BMPs you plan to implement to address each impairment. For each BMP describe how it is expected to control the pollutant of concern.

**The Pollutants aluminum (Al), CNA Biological and pH are pollutants originate predominately by mining activity and point source discharges. They are not commonly related to municipal stormwater runoff.**

**The following purposed BMPs are to help with Fecal Coliform.**

**BMP 15.h.A- Participation at Public Events**

**This BMP is intended to help reduce fecal coliform by educating the public on the effects of cleaning up there pet waste.**

**BMP 15.h.B - Internet Website**

**This BMP is intended to help reduce fecal coliform by giving the public access to information and videos.**

**BMP 15.h.C- Stormwater Drain Stenciling**

**This BMP is intended to help reduce fecal coliform by telling the public not to dump their pet waste into drains because it drains to the river.**

**BMP 17.i.B- Outfall Sampling**

**This BMP is intended to help reduce fecal coliform by finding origin of the source of fecal coliform.**

**BMP 17.i.C- Illicit Connection Detection Program**

**This BMP is intended to help reduce fecal coliform by finding sources of fecal coliform.**

**BMP 17.i.D- Annual Staff Training**

**This BMP is intended to help reduce fecal coliform by training staff to be able to identify and report source of illicit discharges.**

**BMP17.i.E- Publicize telephone numbers and email address for the public to use to report spills and suspected illicit discharges.**

**This BMP is intended to help reduce fecal coliform by giving numbers to report an illicit discharge.**

**BMP18.i.A- Stormwater Permits**

**This BMP is intended to help reduce fecal coliform by reviewing and approving all stormwater system installation and taps into the storm system.**

**BMP18.i.D- Inspection**

**This BMP is intended to help reduce fecal coliform by reviewing and approving all stormwater system installations and taps into the storm system.**

**Likely sources of Iron and CNA Biological discharges within the MS4 are from construction sites. The following BMPs are intended to help control discharges from construction sites.**

**BMP 15.h.B- Internet Website**

**This BMP is intended to help reduce sediment polluted runoff from construction sites by providing stormwater design packets on line.**

**BMP 17.i.E- Publicize telephone numbers and email address for the public to use to report spills and suspected illicit discharges.**

**This BMP is intended to help reduce sediment polluted runoff from construction sites by having a number to be able to report any issues at a construction site.**

**BMP 18.i.B- DRC meetings**

**This BMP is intended to help reduce sediment polluted runoff from construction sites by reviewing and commenting on the erosion and sediment plans.**

**BMP18.i.C- Provide information training packet/Storm Water Design Manual**

**This BMP is intended to help reduce sediment polluted runoff from construction sites by educating engineers, contractors and developer's about proper erosion and sediment controls.**

**BMP18.i.D- Inspection**

**This BMP is intended to help reduce sediment polluted runoff from construction sites by making sure that all the erosion and sediment controls are properly installed and maintained.**

**BMP 20.i.B– Employee Training for Municipal Employees**

**This BMP is intended to help reduce sediment polluted runoff from construction sites by teaching them how to control sediment at their jobsites.**

14. b. Describe your monitoring plan for impaired waterbodies and those with TMDLs. Give locations and frequencies.
- A. The General MS4 Permit Effective August 11, 2014 requires a monitoring plan for the pollutants of concerns under Part III D.2.b.**
- 1. BMPs must be targeted at the pollutants of concern.**
  - 2. TMDL document delineates the portion of the MS4 within the TMDL study areas.**
  - 3. Permittees shall prepare a map showing.**
    - a. All 303d receiving waters.**
    - b. All TMDL receiving waters.**
    - c. TMDL watersheds.**
- B. City of Fairmont is proposing the following plan to monitor the effectiveness of its MS4 Program in addressing the pollutants of concern in the TMDL waterbodies.**
- 1. One (1) Stormwater outfall from each of the TMDL waterbodies will be selected for monitoring each year. The outfall will be monitored for the following parameters.**
    - a. Buffalo Creek-Fecal Coliform**
    - b. Coal Run-Fecal Coliform**
    - c. Goose Creek-Fecal Coliform**
    - d. Hickman Run-Fecal Coliform**
    - e. Monongahela River-Fecal Coliform**
    - f. Rheas Run-Fecal Coliform**
    - g. Tygart River-Fecal Coliform**
    - h. West Fork River-Fecal Coliform**
    - i. UNT Monongahela River(Sharon Steel) will not be monitored it has an EPA project in 2016.**
  - 2. City of Fairmont will select the outfall to be monitored on a yearly basis.**
  - 3. The outfall will be monitored at a minimum of one time per year in the year that it was selected. Different outfalls may be selected from year to year.**
- C. City of Fairmont will visual inspect the banks of the TMDL waterways within the MS4 boundary for areas of excess erosion. To address the pollutant Iron, City of Fairmont will request the Army Corps of Engineers to consider these areas in future stream restoration projects.**
- 1. City of Fairmont will visually inspect the banks of the TMDL waterways for excessive erosion once per permit term.**
  - 2. Areas of excessive erosion will be documented with photos and mapped of their location.**
  - 3. City of Fairmont will request the Army Corps of Engineers to consider these areas in future stream restoration projects.**

14.c. If visual documentation of removal of pollutant sources is a component of your plan please describe fully. For example, do you plan to use before and after photos?

**The City of Fairmont will use visual documentation for the pollutant Iron and photos will be used for waterways bank erosion. Photos will be taken on the first inspection and will be used on follow up inspections.**

Evaluating the effectiveness of your SWMP for impaired waterbodies/TMDLs

- 14.d. Explain how your approach is expected to achieve wasteload allocations for waterbodies with established TMDLs. Discuss flow monitoring, outfall monitoring, and in-stream monitoring, modeling, and/or other methodology to evaluate effectiveness.

**City of Fairmont will follow the General Permits “Pathway to Compliance” for meeting wasteload allocations with use of the following:**

**Mapping**

**Public Education**

**BMP and MCM Implementation**

**Monitoring**

**Enforcement of IDDE, construction site runoff and new development and redevelopment minimum control measures.**

- 14.e. Explain how will you determine if your SWMP and mix of BMP’s need to be modified to meet wasteload allocations?

**City of Fairmont will determine if the SWMP or the BMP needs changed if we are getting lack of cooperation from those who are causing pollution problems.**

## Section III. Minimum Control Measures

### Instructions:

For each Minimum Control Measure (MCM), state your control objective and describe BMPs selected for implementation in your jurisdiction. For each BMP, include a brief description, measurable goals, and milestones as appropriate towards achieving each goal. Indicate if the BMP is part of an existing program and if another entity will share responsibility for implementing that BMP.

In cases where another entity will perform one or more BMPs or components thereof on behalf of the permittee, specifically describe the activities each entity will conduct and include reference to legal agreement where appropriate.

Describe as many BMPs as necessary to fulfill the requirements of the small MS4 General Permit. If you need more space attach additional pages.

### Measurable Goals

Measurable goals are numeric or narrative standards used to gauge program effectiveness. These are design objectives or goals that quantify the progress of program implementation. For each BMP a measurable goal must be established. Describe what you expect to accomplish or achieve by certain dates or milestones, when you implement that particular BMP. Your expected outcome or accomplishment should be expressed as a measurable goal. You should have a variety of short and long term goals.

Milestones are a quantifiable target to measure progress toward achieving the activity or implementation of that BMP.

Additional guidance on selecting BMPs and developing measurable goals can be found at the following EPA website: [www.epa.gov/npdes/stormwater/measurablegoals/index.htm](http://www.epa.gov/npdes/stormwater/measurablegoals/index.htm)

USEPA's measureable goal guidance can be found here:  
<http://cfpub.epa.gov/npdes/stormwater/measurablegoals/index.cfm>

### **Your stormwater management program should specify:**

- *What* needs to happen (Specific stormwater control measure)
- *Who* needs to do it (Which department of the MS4 will be implementing this stormwater control measure?)
- *How much* they need to do (milestones and measurable goals)
- *When* they need to get it done
- *Where* it is to be done

There must be specific performance measures. Without a goal, you will have a difficult time measuring progress.

**Public Education and Outreach on Storm Water Impacts – MCM #1**

Part II.C.b.1.

**Responsible Person**

Identify the responsible person(s) for implementing this MCM. (There may be more than one person or different departments that provide outreach to various targeted groups. If so, discuss.)

15.a. Name:

**John Carson**

15.b. Title:

**Utility Manager**

15.c. Department:

**Utilities**

15.d. Address:

**P.O. Box 1428, Fairmont, WV 26555-1428**

15.e. Phone number:

**304-366-0540**

15.f. Email address:

**jcarson@fairmontwv.gov**

15.a. Name:

**Mike Bragg**

15.b. Title:

**Wet Weather Program Manager**

15.c. Department:

**Stormwater**

15.d. Address:

**P.O. Box 1428, Fairmont, WV 26555-1428**

15.e. Phone number:

**304-366-0540**

15.f. Email address:

**mbragg@fairmontwv.gov**

**John Carson serves as the Utility Manager for the City of Fairmont and as defined in City of Fairmont Ordinance 1355, the Utility Manager is the Director of the Stormwater Program. Mike Bragg serves as Wet Weather Program Manager while also serving as the Stormwater Program Manager.**

Part II.C.b.1.

15.g. State your overall objective for this minimum control measure.

**The Fairmont Sanitary Sewer Board’s overall objective for the Public Education and Outreach MCM is to create and implement a comprehensive education and outreach program that targets the general public of the City of Fairmont to reduce and eliminate behaviors and practices that contribute to adverse stormwater impacts.**

15.h. State and describe your BMPs. Indicate if BMPs are part of your existing program.

**A. BMP- Participation at Public Events (New)**

**Participate and distribute stormwater educational material at a city or local sponsored event each year.**

**Measurable Goals:**

- 1. City of Fairmont will document the number of educational material that was handed out.**
- 2. City of Fairmont will take photos to document the event.**

**Implementation Schedule:**

- 1. City of Fairmont will participate at one public event per year-six months from SWMP approval.**

**B. BMP- Internet Website (Existing)**

**Maintain the website dedicated to the City of Fairmont Stormwater Program, <http://fairmontwv.gov/stormwater> where the Design Manual for Stormwater Management, current annual report, approved copy of SWMP, schedule of upcoming program events, storm water program managers contact information for reporting spills, problems, and illicit discharges, and other educational materials will be readily available to the public.**

**Measurable Goals:**

- 1. Number of views on the stormwater website.**

**Implementation Schedule:**

- 1. Document that Storm Management Plan, SWMP and Annual Reports are posed- sixty days from SWMP approval.**
- 2. Document that stormwater educational materials for engineers, contractors, developers, businesses and homeowners have been made available on the website- six months from SWMP approval.**

**C. BMP- Stormwater Drain Stenciling (Existing)**

**Stencils are placed on DI grates or the new grates already come stamped. “NO DUMPING, DRAINS TO STREAM”.**

**Measurable Goals:**

- 1. Number of storm drains stenciled.**

**Implementation Schedule:**

**1. Document the number of Storm drain stenciled- Continue annually.**

15.i. Is another entity sharing responsibility for the BMP? If so, who?

**Yes, the Fairmont Sanitary Sewer Board CSO Program.**

**MCM Components**

Part II.C.b.1.a.i

15.j. Describe your education and outreach strategy targeting the general public.

**The strategy of the public education and outreach program is to go to one annual event and hand out educational material and have discussions with the general public.**

Part II.C.a.ii

15.k. Describe your education and outreach strategy targeting businesses including home-based and mobile businesses.

**City of Fairmont will use its website for audience specific information on how to properly store vehicular care products and what types of products to use when care, operation or repair of a vehicle.**

Part II.C.b.1.a.iii.

15.l. Describe your education and outreach strategy targeting homeowners, landscapers, and property managers.

**City of Fairmont will use its website for audience specific information on how to properly take care of your yard with fertilizers, watering techniques, storage of pesticides and fertilizers, auto repair, washing cars and maintenance and stormwater pond maintenance.**

Part II.C.b.1.a.iv

15.m. Describe your education and outreach strategy targeting engineers, contractors, developers, review staff, and land use planners.

**City of Fairmont will use its storm water design manual to educate engineers, contractors, developers, review staff and planners with information on construction site sediment and erosion control, runoff reduction techniques, stormwater treatment and flow control BMPs.**

**Schedule**

Part II.C.a.1

15.n. Provide a schedule for implementing each component, including dates for interim and full implementation.

**A. BMP- Participation at Public Events**

**Implementation Schedule:**

**1. City of Fairmont will participate at one public event- six months from SWMP approval.**

**B. BMP- Internet Website**

**Implementation Schedule:**

- 1. Document that Storm Management Plan, and Annual Reports are posted- sixty days from SWMP approval.**
- 2. Document that stormwater educational materials for engineers, contractors, developers, businesses and homeowners have been made available on the website- six months from SWMP approval.**

**C. BMP- Stormwater Drain Stenciling**

**Implementation Schedule:**

- 1. Document the number of Storm drain stenciled- Continue annually.**

**Measurable Goals**

Part II.B.4

15.o. List and fully describe your Measurable goal(s) for this MCM.

**A. BMP-Participation at Public Events**

**Measurable Goals:**

- 1. City of Fairmont will document the number of educational material that was handed out.**
- 2. City of Fairmont will take photos to document the event.**

**B. BMP- Internet Website**

**Measurable Goals:**

- 1. Number of views on the stormwater website.**

**C. BMP- Stormwater Drain Stenciling**

**Measurable Goals:**

- 1. Number of storm drains stenciled.**

**Tracking**

Part II.C.b.1.c.

15.p. Describe your plan to track the activities associated with this MCM.

**Activities related to this MCM will be documented in the City of Fairmont computer data base or in the Stormwater departments MCM book. Plan on tracking the number of stormwater materials that was handout at the public event, how many stormwater stencils that where placed. And how many website views.**

**Evaluation**

Part II.B.7 & Part II.C.b.1.b.

15.q. Explain how you plan to gauge the effectiveness of your public education and outreach efforts.

**The effectiveness of the program will be gauged be the number of stormwater material handed out, and survey that are handed out at public events and what type of response or comments we got from on line survey.**

**Public Involvement and Participation – MCM #2**

Part II.C.b.2.

**Responsible Person:**

Identify the responsible person(s) for implementing this MCM. There may be more than one person or different departments responsible for various projects. If so, discuss.

16.a. Name:

**John Carson**

16.b. Title:

**Utilities Manager**

16.c. Department:

**Utilities**

16.d. Address:

**P.O. Box 1428, Fairmont, WV 26555-1428**

16.e. Phone number:

**304-366-0540**

16.f. Email address:

**jcarson@fairmontwv.gov**

16.a. Name:

**Mike Bragg**

16.b. Title:

**Wet Weather Program Manager**

16.c. Department:

**Stormwater**

16.d. Address:

**P.O. Box 1428, Fairmont, WV 26555-1428**

16.e. Phone number:

**304-366-0540**

16.f. Email address:

**mbragg@fairmontwv.gov**

**John Carson serves as the Utility Manager for the City of Fairmont and as defined in City of Fairmont Ordinance 1355, the Utility Manager is the Director of the Stormwater Program. Mike Bragg serves as Wet Weather Program Manager while also serving as the Stormwater Program Manager.**

16.g. State your overall objective for this minimum control measure.

**The Fairmont Sanitary Sewer Board’s overall objective for the Public Involvement and Participation MCM is to establish ongoing opportunities for public involvement in the Fairmont Sanitary Sewer Board’s Stormwater Management Plan (SWMP) development, and to facilitate opportunities by the general public for direction and input in stormwater management and quality improvement activities in the greater Fairmont area.**

16.h. State and describe your BMPs. Indicate if the BMP is part of the existing program.

**A. BMP- Stream Clean Up (Existing)**

**The Stormwater Program will continue to hold a “Steam Cleanup Day” annually to remove litter and waste from small streams within the MS4. The event will be headed by the Stormwater Program Manager and advertised in the local media outlets to obtain volunteers to aid in the effort.**

**Measurable Goals:**

**1. City of Fairmont will document the number of volunteers at each cleanup event and the number of bags of liter or the total weight of litter removed.**

**Implementation Schedule**

**1. City of Fairmont will document the cleanup with photos- Continue annually.**

**B. BMP- Opportunity for the Public to Comment on Changes to SWMP (New)**

**City of Fairmont will make a revised copy of the SWMP and put it on the City website to get feedback from the public on the proposed SWMP. Any comments from the public will be taken under consideration when developing the final SWMP.**

**Measurable Goals**

**1. City of Fairmont will place the revised SWMP on website and document the number of comments.**

**2. City of Fairmont will document the placement of legal advertisement in local paper directing residents to look on the Fairmont’s website to review the SWMP.**

**3. City of Fairmont will document all public comments and consideration will be given them in the final development of the new SWMP.**

**Implementation Schedule**

**1. Input on the proposed SWMP-to coincide with DEP’s public comment period.**

**2. Provide the proposed SWMP on the website for public input to coincide with DEP’s public comment period.**

**3. Legal advertisement placed in the local newspaper requesting public input on the proposed SWMP-to coincide with DEP’s public comment period.**

**4. Document public comments and consider them in final draft to coincide with DEP’s public comment period.**

### C. BMP- Group Email list (New)

**City of Fairmont will begin making a list of environmental organizations, public groups and individuals that are requesting to be included in upcoming events.**

#### Measurable Goals

- 1. City of Fairmont will start compiling an email list of interested parties that are willing to participate in events.**
- 2. City of Fairmont will document all notifications sent out by email.**

#### Implementation Schedule

- 1. City of Fairmont will start compiling the list 6 months from SWMP approval date.**
- 2. Document all notifications sent out to the email- continue annually.**

16.i. Is another entity sharing responsibility for the BMP? If so, who?

No

### MCM Components

Part II.C.b.2.

16.j. Describe at least two methods you plan to use to engage the public in your SWMP.

**City of Fairmont plans on using the local media to get volunteers for our stream cleanup day. Use the website for public review and comments on our SWMP.**

Part II.C.b.2.a

16.k. Describe how you will accommodate public participation in the decision making process for your SWMP.

**City of Fairmont will provide a revised copy of the SWMP and put it on the city website to get feedback from the public on the proposed SWMP. Any comments from the public will be taken under consideration when developing the final SWMP.**

Part II.C.b.2.b

16.l. Describe your communication process for notifying groups of opportunities to become involved in stormwater activities in your watershed(s).

**City of Fairmont will start compiling an email list of interested parties that are willing to participate in events.**

Part II.C.b.2.c

16.m. List the URL of your *Stormwater* website.

<http://cityoffairmontutilities.org/stormwater.htm>

## **Schedule**

Part II.C.a.1

16.n. Provide a timeline of implementation of each component of your program for this MCM, including dates for interim and full implementation.

### **A. BMP- Stream Clean Up (Existing)**

#### **Implementation Schedule**

**1. City of Fairmont will document the cleanup with photos- Continue annually**

### **B. BMP-Opportunity for the Public to Comment on Changes to SWMP (New)**

#### **Implementation Schedule**

**1. Input on the proposed SWMP- to coincide with DEP's public comment period.**

**2. Provide the proposed SWMP on the website for public input- to coincide with DEP's public comment period.**

**3 Legal advertisement placed in the local newspaper requesting public input on the proposed SWMP-to coincide with DEP's public comment period.**

**4. Document public comments and consider them in final draft to coincide with DEP's public comment period.**

### **C. BMP- Group Email list (New)**

#### **Implementation Schedule**

**1. City of Fairmont will start compiling the list six months from SWMP approval date.**

**2. Document all notifications disturbed by email- continue annually.**

**3. City of Fairmont will start communicating with the list 6 months after compiling.**

## **Measurable Goals**

Part IV.A. & Part II.B.4

16.o. List and fully describe your measurable goal(s) for this MCM.

### **A. BMP- Stream Clean Up (Existing)**

#### **Measurable Goals:**

**1. City of Fairmont will document the number of volunteers at each cleanup event and the number of bags of liter or the total weight of litter removed.**

### **B. BMP- Opportunity for the Public to Comment on Changes to SWMP (New)**

#### **Measurable Goals**

**1. City of Fairmont will place the revised SWMP on web site and document the number of comments.**

**2. City of Fairmont will document the placement of legal advertisement in local paper telling residents to look on the Fairmont's website to review the SWMP.**

**3. City of Fairmont will document all public comments and consideration will be given them in the final development of the new SWMP.**

## C. BMP- Group Email list (New)

### Measurable Goals

1. City of Fairmont will start compiling an email list of interested parties that are willing to participate in events.
2. City of Fairmont will document all notifications sent out by email.

### Tracking

Part II.B.7.

16.p. Describe your plan for tracking activities associated with this MCM.

**Activities related to this MCM will be documented in the City of Fairmont computer data base or in the Stormwater departments MCM book. Stream cleanup will document amount of liter picked up. Any public comments on SWMP review will be documented. Notifications sent out to email list will be documented by the Stormwater Program Manager.**

### Evaluation

Part II.B.7

16.q. Explain how you plan to gauge the effectiveness of your Public Involvement and Participation program.

**The effectiveness of the program will be gauged by the number of volunteers that show up for the annual stream cleanup day and the amount of litter picked up. Also gauge the number of comments on in the SWMP review. The amount of Public participation/comments to the email list.**

**Illicit Discharge Detection and Elimination – MCM #3**

Part II.C.b.3.

**Responsible Person**

Identify the responsible person(s) for implementing this MCM. If there is more than one person or department responsible for implementation of this MCM, please discuss.

- 17.a. Name:  
**John Carson**
- 17.b. Title:  
**Utilities Manager**
- 17.c. Department:  
**Utilities**
- 17.d. Address:  
**P.O. Box 1428, Fairmont, WV 26555-1428**
- 17.e. Phone number:  
**304-366-0540**
- 17.f. Email address:  
**jcarson@fairmontwv.gov**
  
- 17.a. Name:  
**Mike Bragg**
- 17.b. Title:  
**Wet Weather Program Manger**
- 17.c. Department:  
**Stormwater**
- 17.d. Address:  
**P.O. Box 1428, Fairmont, WV 26555-1428**
- 17.e. Phone number:  
**304-366-0540**
- 17.f. Email address:  
**mbragg@fairmontwv.gov**

**John Carson serves as the Utility Manager for the City of Fairmont and as defined in City of Fairmont Ordinance 1355, the Utility Manager is the Director of the Stormwater Program. Mike Bragg serves as Wet Weather Program Manager while also serving as the Stormwater Program Manager.**

17.g. Is another entity sharing responsibility for the MCM? If so, who?

No

**Control Objective & BMPs**

17.h. State your overall objective for this MCM.

**The City of Fairmont’s overall objective for the Illicit Discharge Detection and Elimination MCM is to continue the ongoing program to detect and remove illicit connections and discharges as defined in 40 CFR 122.26(b)(2), and improper disposal, including any spills not under the purview of another responding authority, into the MS4 owned and operated by the Fairmont Sanitary Sewer Board.**

17.i. State and describe your BMPs. Indicate if any BMPs are part of your existing program.

**A. BMP- MS4 Mapping (Existing)**

**Maintain and update maps of the MS4 that includes all known outfalls, combined sewer outfalls, combined sewer stormwater conveyance, receiving streams, geographical areas that discharge to MS4 and Structural BMPs.**

**Measurable Goals:**

**1. Continue to update map of existing storm sewer system as new structure and locations discovered and/or constructed within the MS4.**

**Implementation Schedule**

**1. City of Fairmont will document the number of stormwater management systems and/or components constructed each reporting period- Continue annually.**

**B. BMP- Outfall Sampling (Existing)**

**The City of Fairmont will sample the represented outfall and the outfall at the Eleventh Street garage twice per calendar years per the general permit. Will visually inspect and sample outfalls during dry weather in one representative TMDL stream once per permit cycle.**

**Measurable Goals:**

**1. Samples will be taken to a certified lab and results will be documented and recorded with DEP.**

**Implementation Schedule**

**1. City of Fairmont will sample in the spring and fall at least 3 months apart with a rainfall greater than .1 inches- Continue annually**

**C. BMP- Illicit Connection Detection Program (Existing)**

**The City of Fairmont will complete field assessments activities such as outfall inspections and remote area inspections.**

**Measurable Goals:**

1. City of Fairmont in the spring and fall will walk remote areas and conduct inspections on the sanitary sewer lines looking for illicit discharges.
2. City of Fairmont will visually inspect one represented TMDL receiving streams within the MS4 for dry weather discharges from storm sewer outfalls once per permit cycle.
3. Sample for dry weather discharges from storm sewer once per permit cycle.

**Implementation Schedule**

1. Document the number of problems with photos and work orders.
2. Complete visual inspections for dry weather discharges in the representative TMDL stream and sample them- Continue annually.
3. Develop inventory of priority areas based on the sample results- Continue annually

**D. BMP- Annual Staff Training (Existing)**

Conduct annual staff training on the proper procedure for identifying, reporting and removing illicit discharges.

**Measurable Goals:**

1. City of Fairmont will train field services staff on the importance of reporting and removing illicit discharges.
2. City of Fairmont will train engineering staff on the importance of reporting and removing illicit discharges.

**Implementation Schedule**

1. Field services staff training- Continue Annually.
2. Engineering staff training- Continue Annually.

**E. BMP- Publicize telephone numbers and email address for the public to use to report spills and suspected illicit discharges. (Existing)**

**Measurable Goals:**

1. City of Fairmont will provide and document that the daytime number, the after regular hours number with email address is posted on the web site to report any spills or suspected illicit discharges.
2. City of Fairmont will document the number of phone calls and emails reported regarding suspected discharges.
3. City of Fairmont will document the number of investigations as a result of the calls and the emails.
4. City of Fairmont will conduct an investigation within 15 days of receiving information.

**Implementation Schedule**

1. Document that the numbers and email address are on the website- 6 months from SWMP approval.
2. Document the number of phone calls and emails reported regarding suspected discharges- Continue Annually.
3. Document the number of investigations as a result of the calls and the emails- Continue Annually.

**4. City of Fairmont will conduct an investigation within 15 days of receiving information.**

**MCM Components**

Part II.C.b.3.a.

17.j. Do you have a current map of your municipal storm sewer system?

**Yes, see Appendix A and Appendix B. Map in Appendix A is an overview of entire system. The system is divided into a grid and each map on the grid is more detailed such as the included example in Appendix B.**

Do your map components include/do you plan to include:

Part II.C.b.3.ai

17.k. All known storm sewer outfalls?

**Yes, see Appendix A. All known storm sewer outfalls are indicated.**

17.l. Receiving waters?

**Yes, see Appendix A.**

17.m. Structural BMP owned, operated or maintained by the permittee?

**Yes, see Appendix A.**

17.n. The location and type of all other stormwater conveyances located within the boundaries of the permittees MS4 watershed?

**Yes**

17.o. Updating the known connections to the municipal separate storm sewer authorized after July 22, 2009?

**Yes**

17.p. Geographic areas that discharge stormwater into the permittees MS4, which may not be located within the municipal boundary?

**Yes, see Appendix A.**

Part II.C.b.3.b.

17.q. Do you have an IDDE Ordinance?

**Yes, Article 941.04 contained in Ordinance 1355 of the City Code of the City of Fairmont is the IDDE Ordinance. See Appendix C for a copy of Ordinance 1355.**

Part II.C.b.3.b.

17.r. Describe your Ordinance review and update procedure, including milestones of IDDE Ordinance review.

**The Fairmont Sanitary Sewer Board currently has Article 941 of the City Code in force as an IDDE Ordinance. The Fairmont Sanitary Sewer Board will review its IDDE Ordinance on an annual basis to determine if amendments are needed and will submit any changes to DEP with the next annual report following the amendment.**

Does your IDDE Ordinance prohibit the following:

Part II.C.b.3.ii

17.s. Discharges from hyperchlorinated water line flushing? Yes or No. If not, how are these discharges handled when they occur?

**No, the Fairmont Sanitary Sewer Board's IDDE Ordinance does not prohibit hyperchlorinated waterline flushing. Per Article 941.07 of the City Code, discharges from line flushing are not considered as sources of pollutants when they are properly managed.**

17.t. Lawn watering and other irrigation runoff? Yes or No. If not, have you addressed lawn watering in your public education and outreach activities?

**No, per Article 941.07 of the City Code, the Fairmont Sanitary Sewer Board's IDDE Ordinance does not prohibit lawn watering and other irrigation runoff as long as each are properly managed, will educate the general public on properly maintaining these activities and impacts of illicit discharges from improperly managed activities.**

17.u. Street, parking lot, and sidewalk wash water, and external building wash down? Yes or No. If not, have you addressed these types of runoff in your public education and outreach activities?

**No, the Fairmont Sanitary Sewer Board's IDDE Ordinance does not prohibit street, parking lot, and sidewalk wash water or external building wash down water. Public Education and Outreach are the type of efforts targeted at the general public and municipal employees on how to properly manage such activities to minimize or eliminate pollutants associated with these activities.**

Part II.C.b.3.b.v.

17.v. Does your IDDE Ordinance include escalating enforcement procedures and actions?

**Yes, Sanitary Sewer Board has the authority to immediately halt any discharge of pollutants which reasonably present an imminent danger to health or welfare of persons or to the environment, Under code 941.12.**

Part II.C.b.3.b.v.

17.w. Briefly describe your enforcement strategy.

**The enforcement procedures and actions listed in Article 941.12 are listed below:**

- a) **No person shall construct or maintain any property, residence or business not in compliance with the standards of this Article.**
- b) **The Director, City of Fairmont Utility Manager, and other authorized employees of the City bearing proper credentials and identification shall be permitted, after reasonable notice, to enter upon all properties for the purposes of inspection, observation, measurement, sampling and testing in accordance with the provisions of this Article.**
- c) **No person or firm shall fail to provide any report or other information or perform any duty required by this Article.**
- d) **The Director is authorized to initiate appropriate legal action to require compliance with this Article.**
- e) **The Director is authorized to enforce and collect upon terms of a construction and/or repair bond in the event of default of the conditions described therein.**
- f) **If, after reasonable notice, a person fails to comply with this Article, the Director may direct the work to be done to obtain compliance and shall charge the cost of that work to the person responsible. The responsible person shall pay in full the charged amount within thirty (30) days of the invoice date, or otherwise make arrangements, acceptable to the Director, for full payment of the invoiced amount.**
- g) **In addition to any other remedy, the Director, after thirty (30) calendar days written notice and five (5) calendar days notice posted on the affected property, is authorized to disconnect water service, sanitary sewer and stormwater sewer services to any property in violation of this Article. The notice shall state that persons affected within five (5) calendar days shall provide the Director with any information or reasons as to why services should not be disconnected.**
- h) **The Director is authorized to take all steps necessary to immediately halt any discharge of pollutants which reasonably appear to present an imminent danger to the health or welfare of persons or to the environment.**
- i) **Persons aggrieved by any determination of the Director in enforcing this Article may appeal the determination to the Sanitary Board for the City of Fairmont in accordance with the provisions of 941.26 of this Article.**

Part II.C.b.3.c.

17.x. Describe your field assessment activities, including how many assessments you plan to conduct each year.

**City of Fairmont will complete a minimum of one field assessment for fecal coliform per year based on the results of the dry weather testing in the representative TMDL stream. This will include visual inspection and dye testing tracing the dry weather discharge to its origin to the MEP.**

Part II.C.b.3.c.i.

17.y. Describe how you will locate “priority areas”.

**The City of Fairmont will also sample dry weather outfalls in a representative TMDL stream and failed tests will us help locate priority areas. We will continue to prioritize areas for illicit discharges by focusing on areas of concentrated industrial and commercial land usage, areas of water intakes, areas of high recreational usage, areas of “high” complaints from either odor or known incidents of illicit discharges, and areas with high spill potential.**

Part II.C.b.3.c .iii

17.z. Describe your procedures for characterization of illicit discharges.

**Visual inspection and laboratory testing will be used. Visual inspection looking for discolored water, tissue paper, solids, and soap suds. Dry weather discharge will be tested for fluoride, ph and fecal coliform and based on this information we will determine if it is a water leak, ground water or illicit discharge.**

Part II.C.b.3.c .iv

17.aa. Describe your procedures for tracing the source of the discharge.

**The Stormwater Department will trace the discharge to its source through the use of system mapping. The source will then be determined by the means of dye testing, manhole or drop inlet inspections, water sampling and/or using a mobile line camera or a closed circuit TV.**

Part II.C.b.3.c.v

17.bb. Describe your procedures for removing the source of the discharge.

**Depending on the source of the discharge, if it is a broken sewer line or is a water leak that the City of Fairmont owns and after the source is found a crew will fix the problem immediately follow an approved design. If it is any other entity a timeline for abatement will be given plus a plan will be needed to approve the removal of the illicit discharge. And could include enforcement if necessary. Visual inspection, dye testing, water sampling and/or using a mobile line camera or a closed circuit TV will be used to confirm discharge has been eliminated.**

C.b.3.d.

17.cc. Describe how you will inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste.

**City of Fairmont being a water utility is required per SB 473 to complete a source water protection plan and a integral part of the source water protection plan includes an emergency/crisis communications plan. The plan includes procedures for communication with both internal and external audiences in the event of an emergency. Communication may include traditional print and broadcast media, internet based media, social media, emergency broadcast system, emergency cell phone notification system, email notification to specific audiences, and/or telephone notification of specific audiences.**

Part II.C.b.3.f.

17.dd. Describe your plan to train your staff on the identification and reporting of illicit discharges. Include the number of training sessions planned for each year.

**Conduct annual staff training on the proper procedures for identifying, reporting and removing illicit discharges this training will focus on the pollutants of concern.**

**Schedule**

Part II.C.a.1

17.ee. Describe how and when you will implement each component of program, including dates for interim and full implementation.

**A. BMP- MS4 Mapping (Existing)**

**Maintain and update maps of the MS4 that includes all known outfalls, combined sewer outfalls, combined sewer stormwater conveyance, receiving streams, geographical areas that discharge to MS4 and structural BMPs.**

**Implementation Schedule**

**1. City of Fairmont will document the number of stormwater management systems and/or components constructed each reporting period- Continue annually.**

**B. BMP- Outfall Sampling (Existing)**

**The City of Fairmont will sample the represented outfall and the outfall at the Eleventh Street garage twice per calendar years per the general permit. Also will visually inspect and sample outfalls during dry weather in one representative TMDL stream once per permit cycle.**

**Implementation Schedule**

**1. City of Fairmont will sample in the spring and fall at least 3 months apart with a rainfall greater than .1 inches-Continue annually**

**C. BMP- Illicit Connection Detection Program (Existing)**

**The City of Fairmont will complete field assessments activities such as outfall inspections and remote area inspections.**

**Implementation Schedule**

- 1. Document the number of problems with photos and work orders.**
- 2. Complete visual inspections for dry weather discharges in representative TMDL streams and sample them- Continue annually.**
- 3. Develop inventory of priority areas based on the sampling results- Continue annually.**

**D. BMP- Annual Staff Training (Existing)**

**Conduct annual staff training on the proper procedures for identifying, reporting and removing illicit discharges.**

**Implementation Schedule**

- 1. Field services staff training- Continue annually.**
- 2. Engineering staff training- Continue annually.**

**E. BMP- Publicize telephone numbers and the email address for the public to use to report spills and suspected illicit discharges. (Existing)**

**Implementation Schedule**

- 1. Document that the numbers and the email address are on the website- 6 months from SWMP approval.**
- 2. Document the number of phone calls and emails reported regarding suspected discharges- Continue Annually.**
- 3. Document the number of investigations as a result of calls and emails- Continue Annually.**

**Measurable Goals**

Part II.B.4

17.ff. List and fully describe your Measurable goal(s) for this MCM:

**A. BMP- MS4 Mapping (Existing)**

**Maintain and update maps of the MS4 that includes all known outfalls, combined sewer outfalls, combined sewer stormwater conveyance, receiving streams, geographical areas that discharge to the MS4 and structural BMPs.**

**Measurable Goals:**

- 1. Continue to update mapping of the existing storm sewer system as new structures and locations are discovered and/or constructed within the MS4.**

**B. BMP- Outfall Sampling (Existing)**

**The City of Fairmont will sample the represented outfall and the outfall at the Eleventh Street garage twice per calendar year per the general permit. Also will visually inspect and sample outfalls during dry weather in one representative TMDL stream once per permit cycle.**

**Measurable Goals:**

- 1. Samples will be taken to a certified lab and results will be documented and recorded with a submission to DEP.**

**C. BMP- Illicit Connection Detection Program (Existing)**

**The City of Fairmont will complete field assessments activities such as outfall inspections and remote area inspections.**

**Measurable Goals:**

- 1. City of Fairmont will in the spring and fall walk remote areas and conduct inspections on the sanitary sewer lines looking for illicit discharges.**
- 2. City of Fairmont will visually inspect one represented TMDL receiving stream within the MS4 for dry weather discharges from storm sewer outfalls once per permit cycle.**
- 3. Sample for dry weather discharges from storm sewers once per permit cycle.**

**D. BMP- Annual Staff Training (Existing)**

**Conduct annual staff training on the proper procedure for identifying, reporting and removing illicit discharges.**

**Measurable Goals:**

- 1. City of Fairmont will train field services staff on the importance of reporting and removing illicit discharges.**
- 2. City of Fairmont will train engineering staff on the importance of reporting and removing illicit discharges.**

**E. BMP- Publicize telephone numbers and email address for the public to use to report spills and suspected illicit discharges. (Existing)**

**Measurable Goals:**

- 1. City of Fairmont will document that the daytime number and the after regular hours number and the email address is on the website to report any spills or suspected illicit discharges.**
- 2. City of Fairmont will document the number of phone calls and emails reported regarding suspected discharges.**
- 3. City of Fairmont will document the number of investigations as a result of the calls and the emails received.**

**Tracking:**

Part II.C.b.3.d.ii & Part II.C.b.3.e.

17.gg. Describe your procedures for tracking activities related to each component of this MCM.

**Activities related to this MCM will be documented in the City of Fairmont computer data base or in the Stormwater departments MCM book. The mapping of the system will be updated annually. New structures will be added and potential problem areas will be noted. A data base will contain all of the information related to inspections, discovered illicit discharges, suspected illicit discharges, and removed illicit discharges. Calls from the Stormwater hotline and follow-up actions will be documented by the Stormwater Program Manager.**

**Evaluation**

Part II.B.7

17.hh. Fully explain how you plan to gauge the effectiveness of your IDDE program.

**The effectiveness of the IDDE program will be evaluated through tracking the number of dry weather outfalls sampled, the number of dye tested done and the number of priority areas that are found. As the program is further established, “problem areas” will be reduced with stormwater and sanitary sewer projects and visual inspections will produce/report fewer dry weather discharges along with the number of staff trained on IDDE. And the number of permits approved.**

**Construction Site Run-off Control – MCM #4**

Part II.C.b.4.

**Responsible Person:**

Identify the responsible person(s) for implementing this MCM. There may be more than one person or different departments responsible for various projects. If so, discuss.

- 18.a. Name:  
**John Carson**
- 18.b. Title:  
**Utilities Manager**
- 18.c. Department:  
**Utilities**
- 18.d. Address:  
**P.O. Box 1428, Fairmont, WV 26555-1428**
- 18.e. Phone number:  
**304-366-0540**
- 18.f. Email address:  
**jcarson@fairmontwv.gov**
  
- 18.a. Name:  
**Mike Bragg**
- 18.b. Title:  
**Wet Weather Program Manager**
- 18.c. Department:  
**Stormwater**
- 18.d. Address:  
**P.O. Box 1428, Fairmont, WV 26555-1428**
- 18.e. Phone number:  
**304-366-0540**
- 18.f. Email address:  
**mbragg@fairmontwv.gov**

**John Carson serves as the Utility Manager for the City of Fairmont and as defined in City of Fairmont Ordinance 1355, the Utility Manager is the Director of the Stormwater Program. Mike Bragg serves as Wet Weather Program Manager while also serving as the Stormwater Program Manager.**

18.g. Is another entity sharing responsibility for this MCM? If so, who?

**Yes, Building Inspection. Noncompliant contractors can have their building permits revoked.**

**Control Objective & BMPs**

18.h. State your overall objective for this minimum control measure.

**To minimize the discharge of Iron and sediment from construction sites by educating the developers, engineers, contractors and architects on proper design and implementation of erosion and sediment control BMPs. Also requiring/regulating the same through a stormwater permit program coordinated with the City of Fairmont Code Enforcement Office along with an active construction site inspection program.**

18.i. State and describe your BMPs. Indicate which BMPs are part of your existing program.

**A. BMP- Stormwater Permits (Existing)**

**City of Fairmont will review all construction projects inside the MS4 and require them to obtain a permit telling them what MCMs are required.**

**Measurable Goals:**

**1. City of Fairmont will document the number of stormwater permits approved.**

**Implementation Schedule**

**1. City of Fairmont will document the number of stormwater permits -Continue annually.**

**B. BMP- DRC meetings (Existing)**

**“Development Review Committee” has been established to review and provide comments and suggestions on all pre-construction plans prior to building permit and storm water permit approval, and to monitor/inspect new construction and re-development projects in City of Fairmont MS4.**

**Measurable Goals:**

**1. City of Fairmont will document the number of meetings attended.**

**Implementation Schedule**

**1. City of Fairmont will document the number of meetings attended - Continue annually.**

**C.BMP- Provide Information Training Packet/Storm Water Design Manual (Existing)**

**Continue to educate engineers, contractors and developers on proper BMPs needed for each site.**

**Measurable Goals:**

1. City of Fairmont will document the number of stormwater design manuals handed out.

**Implementation Schedule**

1. City of Fairmont will document the dates and individuals to which storm water design manual were given out - Continue annually.

**D.BMP-Inspection (Existing)**

Continue construction site inspections and documentation to ensure the SWMP and or BMPs required and approved erosion and sediment control plans are being met.

**Measurable Goals:**

1. City of Fairmont will document the number of construction site inspections.
2. City of Fairmont will document the number of construction site violations.

**Implementation Schedule**

1. City of Fairmont will document the number of construction site inspections- Continue annually.
2. City of Fairmont will document the number of construction site violations- Continue annually.

**MCM Components**

Part II.C.b.4.a.

- 18.j. Do you have an Ordinance to control construction site run-off?

**Yes, Ordinance 1355 of the Fairmont City Code is the current means of control for construction site run-off. See Appendix C for Fairmont Sanitary Sewer Board's Stormwater Ordinances.**

Part II.C.b.4

- 18.k. Does your program regulate disturbance of one acre or more and also less than one acre if part of a larger common plan? Does your Ordinance regulate disturbances of less than one acre? If so, what is the size threshold?

**Yes, The Fairmont Sanitary Sewer Board's Stormwater Department currently regulates all land disturbance activities except agricultural land management activities, additions or modifications less than 1000 square feet made to an existing detached single-family dwelling, and activities that result in an impervious surface area less than 3000 square feet.**

Part II.C.b.4.a.i-ix.

- 18.l. Does your Ordinance contain the nine required components?

**Yes, except for construction site operator training which is covered under City of Fairmont policy, all other components are covered under ordinance 1355 article 941 under the city code.**

Part II.C.b.4.b.

18.m. Describe the plan review process for your construction site run off program.

**All construction plans are submitted to the Stormwater Program Manager with the stormwater permit application. For sites resulting in impervious area of less than 3000 square feet, the Stormwater Program Manager reviews the plans, makes comments, and returns it for payment of the permit fee with requirements for BMPs to be used for each individual site. For sites resulting in impervious area of 3000 square feet or more, the applicant must submit a stormwater management plan and a comprehensive drainage plan with the stormwater permit application for review by the Stormwater Program Manager. The Storm Water Program Manager is also a member of the City of Fairmont's Development Review Committee, which meets to review proposed developments and explain to the owner/developer the requirements of the city according to the current codes and ordinances. The committee also meets with the applicant for final design approval. These meetings provide direct communication between the Stormwater Program Manager and owner/developer and allow any discrepancies with the Stormwater Pollution Prevention Plan to be addressed.**

18.n. Describe the inspection process of your construction site run off program.

**Construction sites are prioritized to sites that drain into Iron TMDL streams, according to size, location, and potential for stormwater pollution. Each site is inspected as the project begins to ensure that erosion and sediment control BMPs are in place. Periodically the site is then inspected as the project progresses with the higher priority sites inspected more frequently. Each site will be inspection no less than weekly and within 24 hours after any on-site rain event to ensure and verify effective erosion and sediment controls. Site visit will be documented with and a site inspection form that will be placed in MCM book. If a violation is observed it will be documented with photos and inspection report.**

18.o. Describe the enforcement process of your construction site run off program.

**In the event that a site inspection reveals areas of noncompliance, the issues are recorded and documented on construction site stormwater control inspection form and photos taken. The inspector will go find the foreman on site and inform him of the issues that require attention. A time frame will be given to correct the issues, if the problems are not corrected in the time frame given and the noncompliance issue continues and the construction site operator refuses to correct the areas described, the building permit for the site can be revoked until problem areas are corrected.**

Part II.C.b.4.b.

18.p. Discuss how your program will address the regulation of both private and public sector construction site run-off.

**The Stormwater Program will require both public and private sector contractors/construction sites to comply with regulations and shall design and install erosion and sediment control measures per the Stormwater design manual. The City of Fairmont will refer to the personnel rules and/or collective bargaining agreement to for enforcement of employees.**

## **Schedule**

Part II.C.b.4.a.

18.q. The Ordinance shall be reviewed on an annual basis. Describe your Ordinance review and update procedures.

**The Stormwater Program Manager is responsible for coordinating the Stormwater Design and O&M manuals for review and update each year with the established review committee, the review will take into consideration current DEP rules and regulations, and newly enacted laws. The City of Fairmont Ordinance 1355 in code article 941.14(b) approves any necessary changes that are needed be done in the stormwater design manual to be made.**

18.r. If your Ordinance does not contain the standards required by the permit, provide a schedule for implementation and measurable goals for getting these components into your Ordinance. Include a mid-point and full implementation date.

**The ordinance does contain the standards required by permit except for construction site operator training which is covered under City of Fairmont policy.**

## **Measurable Goals**

Part IV.A. & Part II.B.4

18.s. List and fully describe your measurable goal(s) for this minimum control measure.

### **A. BMP- Stormwater Permits (Existing)**

#### **Measurable Goals:**

- 1. City of Fairmont will document the number of stormwater permits approved.**

### **B. BMP- Development Review Committee (DRC) meetings (Existing)**

#### **Measurable Goals:**

- 1. City of Fairmont will document the number meetings attended.**

### **C.BMP- Provide information training packet/Storm Water Design Manual (Existing)**

#### **Measurable Goals:**

- 1. City of Fairmont will document the number of stormwater design manuals handed out.**

### **D.BMP- Inspection (Existing)**

#### **Measurable Goals:**

- 1. City of Fairmont will document the number of construction site inspections.**
- 2. City of Fairmont will document the number of construction site violations.**

## **Tracking**

Part II.B.7.

18.t. Describe your plan for tracking activities associated with this minimum control measure.

**Activities related to this MCM will be documented in the City of Fairmont's computer data base or in the Stormwater departments MCM book. We will keep track the number of permits, number of construction site inspections, number of violations, plus the individuals and dates who were given a Stormwater Management Design Manual.**

## **Evaluation**

Part II.B.7

18.u. Explain how you plan to gauge the effectiveness of your Construction Site Run-off Control program.

**The effectiveness of the Construction Site Run-off Control program will be gauged by the results of different activities. The number of permits that had to be revoked compared to the number of contractors, and developers educated on stormwater management regulations, and requirements will provide statistics to gauge the effectiveness of the program. Site inspections by the Stormwater Program Manager will also show the effectiveness of the program. The number of stormwater related complaints from customers around active construction sites will also indicate how well the program has been accepted by contractors and construction site operators.**

**Controlling Run-off from New Development and Redevelopment – MCM #5**

Part II.C.b.5

**Responsible Person(s):**

Identify the responsible person(s) for implementing this MCM. There may be more than one person or department responsible for various portions of this control measure, If so, discuss.

- 19.a. Name:  
**John Carson**
- 19.b. Title:  
**Utilities Manager**
- 19.c. Department:  
**Utilities**
- 19.d. Address:  
**P.O. Box 1428, Fairmont, WV 26555-1428**
- 19.e. Phone number:  
**304-366-0540**
- 19.f. Email address:  
**jcarson@fairmontwv.gov**
  
- 19.a. Name:  
**Mike Bragg**
- 19.b. Title:  
**Wet Weather Program Manager**
- 19.c. Department:  
**Stormwater**
- 19.d. Address:  
**P.O. Box 1428, Fairmont, WV 26555-1428**
- 19.e. Phone number:  
**304-366-0540**
- 19.f. Email address:  
**mbragg@fairmontwv.gov**

**John Carson serves as the Utility Manager for the City of Fairmont and as defined in City of Fairmont Ordinance 1355, the Utility Manager is the Director of the Stormwater Program. Mike Bragg serves as Wet Weather Program Manager while also serving as the Stormwater Program Manager.**

19.g. Is another entity sharing responsibility for this MCM? If so, who?

No

**Control Objectives & BMPs**

19.h. State your overall objective for this MCM.

**City of Fairmont overall objective for this MCM is to continue to develop an ongoing program to reduce pollutants in stormwater runoff from new development and redevelopment activities. This program will be focused on increased ground water recharge to help reduce the stormwater discharges to receiving waterways.**

**MCM Components**

***Watershed Protection Elements***

Part II.C.b.5.ai.

19.i. Have you incorporated the six watershed protection elements into your subdivision ordinance or equivalent document? Name the document(s) where each element is found & give the review date for the document. \* If there is no review, describe how you will incorporate the element into your document(s).

Watershed Protection Elements	Name of document that contains the element	*Review Date
1. Minimizing impervious surfaces	<b>Design Manual</b>	<b>Annually</b>
2. Preserving ecologically sensitive areas	<b>Design Manual</b>	<b>Annually</b>
3. Reducing thermal impacts	<b>Design Manual</b>	<b>Annually</b>
4. Reducing or avoiding hydromodification	<b>Design Manual</b>	<b>Annually</b>
5. Tree protection	<b>Design Manual</b>	<b>Annually</b>
6. Protection of native soils, prevention of compaction of soils	<b>Design Manual</b>	<b>Annually</b>

19.j. List your quantifiable objectives for each watershed protection element, including time frames to achieve them.

- 1. The Quantifiable objectives for the Watershed Protection Element 1, Minimizing impervious surfaces, is for the developers to decrease the impervious cover for one inch capture and understanding that in the future they could be billed for total square footage of impervious area.**
- 2. The Quantifiable objectives for the Watershed Protection Element 2, Preserving ecologically sensitive areas, is to inventory, restore and protect stream banks using “Natural Stream Design” methods, where appropriate, in accordance with US Army Corps of Engineering practices within the City of Fairmont watershed.**
- 3. The Quantifiable objectives for the Watershed Protection Element 3, Reducing Thermal Impacts, is to reduce the effects of stormwater runoff from new developments and redevelopment projects to the waters of the state by requiring all new developments and redevelopment projects to provide permanent BMPs to accomplish stormwater management for their site.**
- 4. The Quantifiable objectives for the Watershed Protection Element 4, Reducing or Avoiding Hydromodification, is to reduce the effects of stormwater runoff from new developments and redevelopment projects to the waters of the state by requiring all new developments and redevelopment projects to provide permanent BMPs to accomplish stormwater management for their site.**
- 5. The Quantifiable objectives for the Watershed Protection Element 5, Tree Protection, The City of Fairmont objective is reduce runoff from all new developments and redevelopment projects is to oversee the amount of trees removed from site.**
- 6. The Quantifiable objectives for the Watershed Protection Element 6, Protection of Native Soils, is when a new permit is applied for go investigate to see if the site has Native Soils. If site has Native soils on it, will be up to developer or Engineer to come up with a plan on how they propose to protect the Native soil.**

19.k. State and describe your BMPs. Indicate if any BMPs are part of your existing program.

**A. BMP- Restore and Protect Ecologically sensitive areas (New)**

**Ecologically sensitive areas within the MS4 will be defined. Projects to restore and protect these areas will be inventoried and prioritized.**

**Measurable Goals:**

- 1. City of Fairmont will inventory possible ecologically sensitive areas such as riparian corridors, headwaters, floodplains and wetlands as they are discovered or reported.**
- 2. City of Fairmont will document all projects that restore and protect these areas.**

**Implementation Schedule**

- 1. City of Fairmont will document the number of ecologically sensitive areas.**
- 2. City of Fairmont will document any projects completed with before and after photos.**

**B. BMP- Stormwater Design Manual (Existing)**

Is used as a resource for design on all stormwater management systems within the MS4. The manual is referenced in code article 914.

**Measurable Goals:**

1. City of Fairmont will document that Design Manual is on the website.
2. City of Fairmont will document the number of stormwater design manuals handed out with the dates and individuals who received them.

**Implementation Schedule**

1. City of Fairmont will make changes to Stormwater Design Manual to include language for Natural Stream Design- 6 months from SWMP approval.
2. City of Fairmont will document the number of Stormwater Design Manuals handed out with the dates and individuals who received them- continue annually.

***Site Design Standards***

Part II.C.b.5a.ii.A.1.

- 19.l. Do you have an ordinance or other enforcement mechanism for the required site design standards? If not, what is your schedule of implementation? Include mid-term and full implementation dates for Ordinance review and enactment.

**Yes, City of Fairmont Stormwater Design Manual and in Code Article 941.**

Part II.C.b.5.ii.A.2.i,ii

- 19.m. Does your Ordinance have provisions for reducing pollutant loadings for stormwater discharges from Hot Spots? If the project is a potential hot spot and cannot meet water quality treatment with on-site controls, are there provisions for proper disposal of stormwater discharges at a treatment/disposal facility?

**No**

**City of Fairmont Stormwater Program Manager will review all plans and if a site is determined and declared a Hot Spot the Program manager has to approve the plans. the City of Fairmont owns their Waste Water Treatment Plant if discharges need to be arranged.**

Part II.C.b.5.ii.A.2.iii

- 19.n. Do you know where drinking water source protection areas are located within your MS4 watershed? Describe how this information will be kept confidential, and made available to WVDEP only when requested.

**Yes, City of Fairmont has a Source Water Protection Plan approved by the Bureau of Public Health. These locations are made confidential by granting only authorized city employees and DEP access to the mapping of the system. DEP currently has the information on these areas.**

- 19.o. Describe your program for reducing impervious surfaces.

**City of Fairmont program for reducing impervious surface is to encourage developers to reduce their impervious area for the 1” capture and discussing the many options of using green infrastructure.**

19.p. If you choose mitigation/payment in lieu for those projects that cannot implement the one inch runoff reduction requirements, please provide a time frame for creating an inventory of appropriate mitigation projects, and your process to develop standards to value, evaluate, and track transactions. (Note: WVDEP has plans to create standard criteria and guidance material to assist MS4's in developing a mitigation and payment in lieu program. If your MS4 does not already have a mitigation or payment in lieu program – make a statement in the SWMP that you do not have one. If you want to use what WVDEP develops, then make a statement to that effect. If you are planning to develop your own mitigation and payment in lieu program, then your SWMP has to include a time frame for development of this program.)

**City of Fairmont does have a mitigation and payment in lieu of program. City of Fairmont will review the request for payment in lieu of only after the developer has proven that it is only their only option and it met water quality standards.**

Part II.C.b.5.ii.B.(1)

19.q. Describe the planning process for new development and redevelopment projects in your MS4.

- 1. DRC review committee meeting is held to see what the developer wants to do.**
- 2. Stormwater Management plans and permit are submitted for review.**
- 3. If any corrections are need they are sent back to developers engineer or developer and corrections are made.**
- 4. Plans are review again to make sure all corrections are made.**
- 5. Permits are issued and sent to Code Enforcement so they can issue a building permit.**

Part II.C.b.5.ii.B(2)&(3)

19.r. Describe your plan review and approval process for new development and redevelopment projects.

- 1. Plans and permit are submitted for review.**
- 2. If any corrections are needed they are sent back to developer or engineer and corrections are made.**
- 3. Plans are reviewed again to make sure all corrections are made.**
- 4. Permits are issued and sent to Code Enforcement so they can issue a building permit.**
- 5. Copy of the plans is given to our construction inspector to be ready for inspections.**
- 6. Site is inspected and as-built drawings are done at the end of project.**

Part II.C.b.5.ii.C

19.s. Describe your maintenance procedures for structural stormwater control practices including a detailed discussion about maintenance agreements & your ability to enforce them.

**Private Stormwater facilities located on private property within the Greater Fairmont watershed shall be maintained by the owner or the other responsible party and shall be repaired and/or replaced by such person when such facilities are no longer functioning as designed. Enforcement is covered in Code Article 941, which allows city to clean and bill the owner.**

Part II.C.b.5.ii.D

19.t. Describe your method of inventory and tracking of stormwater control practices for this MCM.

**City of Fairmont uses the Permits for location and added to the Mapping data base.**

Part II.C.b.5.ii.E

19.u. Describe your inspection protocol for ensuring stormwater control BMPs/practices function as designed and constructed: How many per year? How often?

**Inspections will continue to be conducted during the construction of BMPs at a frequency that ensures proper building techniques and proper installation. All permanent BMPs will be inspected and documented with an inspection form for each permanent BMP once per permit cycle.**

Part II.C.b.5.b.

19.v. Does your MS4 have requirements for street design, parking, and parking lots? If so, which departments regulate this?

**Yes, Article 1343 contains parking requirements. Articles 905, 909, 913, 917, 919, and 920 contain street requirements. It is regulated by the Building Inspection Department, and Zoning and Planning Commission.**

### Schedule

Part II.C.b.5

19.w. Describe how and when you will implement each component of this minimum control measure. Include mid-point and full implementation dates for Ordinance revisions, implementation of plan review and approval, inspection and enforcement procedures, and for developing/acquiring and using a tracking system.

**All components are existing with the exception of Ordinance revisions which is cover under code 941.14 which gives the City of Fairmont the ability to make any necessary changes needed in the Stormwater Design Manual.**

### Measurable Goals

Part IV.A

19.x. List and describe your measurable goals for this MCM.

#### **A. BMP- Restore and Protect Ecologically sensitive areas (New)**

##### Measurable Goals:

- 1. City of Fairmont will inventory possible ecologically sensitive areas such as riparian corridors, headwaters, floodplains and wetlands as they are discovered or reported.**
- 2. City of Fairmont will document all projects that restore and protect these areas.**
- 3. Prioritize in Lieu of payments in TMDL waters.**

#### **B. BMP- Stormwater Design Manual (Existing)**

##### Measurable Goals:

- 1. City of Fairmont will document that Design Manual is on website.**
- 2. City of Fairmont will document the number of stormwater design manuals handed out with the dates and individuals who received them.**

### Evaluation

Part II.B.7

19.y. Describe how you plan to gauge the effectiveness of your program for this MCM.

**The effectiveness of this MCM will be gauged by the number of Stormwater Design Manuals handed out and the number of projects that have taken place in sensitive areas.**

**Pollution Prevention/Good Housekeeping for Municipal Operations- MCM #6**

Part II.C.b.6

**Responsible Person(s):**

Identify the responsible person(s) for implementing this MCM. There may be more than one person or different departments responsible for various projects. If so, discuss.

- 20.a. Name:  
**John Carson**
- 20.b. Title:  
**Utilities Manager**
- 20.c. Department:  
**Utilities**
- 20.d. Address:  
**P.O. Box 1428, Fairmont, WV 26555-1428**
- 20.e. Phone number:  
**304-366-0540**
- 20.f. Email address:  
**jcarson@fairmontwv.gov**
  
- 20.a. Name:  
**Mike Bragg**
- 20.b. Title:  
**Wet Weather Program Manager**
- 20.c. Department:  
**Stormwater**
- 20.d. Address:  
**P.O. Box 1428, Fairmont, WV 26555-1428**
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**304-366-0540**
- 20.f. Email address:  
**mbragg@fairmontwv.gov**

**John Carson serves as the Utility Manager for the City of Fairmont and as defined in City of Fairmont Ordinance 1355, the Utility Manager is the Director of the Stormwater Program. Mike Bragg serves as Wet Weather Program Manager while also serving as the Stormwater Program Manager.**

20.g. Is another entity sharing responsibility for this MCM? If so, who?

No

### **Control Objectives & BMPs**

20.h. State your overall objective for this MCM.

**The City of Fairmont overall objective for this MCM is to continue to develop and implement a program concerning proper facilities management and adequate employee training on facilities management procedures to prevent or reduce polluted runoff from the Fairmont Sanitary Sewer Board's facilities.**

20.i. State and describe your BMPs. Indicate if any BMPs are part of your existing program.

#### **A. BMP- Municipal Facilities Stormwater Pollution Prevention Plans (Existing)**

**City of Fairmont has developed and implemented stormwater pollution prevention plans for each of the following municipal facilities. The SWPPP is designed to protect the integrity of the receiving waters.**

- 1. Wastewater Treatment Plant**
- 2. Water Treatment Plant**
- 3. Public Works Garage**
- 4. Field Services Maintenance Garage**

##### **Measurable Goals:**

- 1. City of Fairmont will maintain SWPPPs for each facility.**
- 2. City of Fairmont will conduct annual inspections of stormwater BMPs at each facility.**
- 3. Review and update SWPPP based on annual inspection results.**

##### **Implementation Schedule**

- 1. Maintain SWPPPs for each facility- 6 months after SWMMP is approved.**
- 2. Conduct annual inspections of stormwater BMPs at each facility- Continue annually.**
- 3. Review and update SWPPP based on annual inspection results- Continue annually.**

#### **B. BMP – Employee Training for Municipal Employees (Existing)**

**City of Fairmont will provide annual stormwater pollution prevention training for municipal employees.**

##### **Measurable Goals:**

- 1. City of Fairmont will document the date of each training.**
- 2. City of Fairmont will cover topics that included the developed SWPPP for each facility.**
- 3. New employees whose job functions may impact water quality will be trained within 3 months after hire.**

### Implementation Schedule

1. City of Fairmont will document the date of each training- Continue annually.
2. Document topics covered in trainings- Continue annually.
3. City of Fairmont will document the date of each new employee training- Continue annually.

### **C. BMP- Street Sweeping (Existing)**

City of Fairmont will sweep city streets and parking lots twice annual to reduce pollutants flowing into MS4 water ways.

### Measurable Goals:

1. City of Fairmont will document the amount dates sweeper ran.
2. City of Fairmont will document the amount of debris sweep.

### Implementation Schedule

1. City of Fairmont will begin sweeping after the first snow melt in spring- Continue annually.
2. Document dates and tons of debris- Continue annually.

### MCM Components

Part II.C.b.6

20.j. List the municipal facilities and their locations owned by your MS4.

1. **Wastewater Treatment Plant- Howard Ave**
2. **Water Treatment Plant- Morris Park**
3. **Public Works Garage- Minor Ave**
4. **Field Service Maintenance Garage- Howard Ave**

Part II.C.b.6.a

20.k. Briefly describe your operation and maintenance program for each municipal facility.

1. **Wastewater Treatment Plant- Chemical Storage**
2. **Water Treatment Plant- Chemical Storage**
3. **Public Works Garage- Salt Storage, vehicle maintenance and equipment storage.**
4. **Field Service Maintenance Garage- Vehicle maintenance, vehicle fueling and equipment storage.**

Part II.C.b.6.a

20.l. Does each site have a pollution prevention plan? Is there a spill response plan included in the pollution prevention plan? If not, provide a time frame for developing pollution prevention plans at all MS4 owned municipal facilities, including mid-point and full completion dates.

**Wastewater Treatment Plant and Water Treatment plant have site specific pollution prevention plans, with spill response plans included. Also Public Works and Field Service have pollution prevention plans.**

Part II.C.b.6.b

20.m. Have you identified all the lands owned or operated by your MS4? (Such as parks, road right-of-ways, maintenance yards, and water/sewer/stormwater infrastructure.)

**Yes, see Appendix A.**

Part II.C.b.6.b

20.n. Describe your overall pollution control approach policy and procedures for these lands.

**City of Fairmont approach policy is to maintain SWPPPs for these sites.**

Part II.C.b.6.c

20.o. Describe your training program including your target employees, and how often training occurs.

**City of Fairmont will provide annual stormwater pollution prevention training for municipal employees on following subjects;**

- 1. The requirements of this permit.**
- 2. Operation and maintenance standards.**
- 3. The importance of protecting water quality.**
- 4. Proper procedures for preventing or minimizing impacts to water quality.**

**The following Municipal employees will be trained:**

- 1. Wastewater Treatment Plant**
- 2. Water Treatment Plant**
- 3. Public Works Garage**
- 4. Field Service Maintenance Garage**

20.p. For any industrial facilities owned or operated by your MS4, list each facilities registration number under the WV NPDES General Permit for Storm Water Discharges Associated with Industrial Activities or the individual WV NPDES permit number. If your industrial facilities are not covered under another NPDES permit, you will be prompted to provide additional information below.

**Wastewater Treatment Plant – WV0023353**

**Water Treatment Plant – WV0115754**

### **Schedule**

Part II.C.b.6

20.q. Describe how and when you will implement each component of your program for this minimum control measure. Include mid-point and full implementation dates.

#### **A. BMP- Municipal Facilities Stormwater Pollution Prevention Plans (Existing)**

##### **Implementation Schedule**

- 1. Maintain SWPPPs for each facility- 6 months after SWMMP is approved.**
- 2. Conduct annual inspections of stormwater BMPs at each facility- Continue annually.**
- 3. Review and update SWPPP based on annual inspection results- Continue annually.**

#### **B. BMP – Employee Training for Municipal Employees (Existing)**

##### **Implementation Schedule**

- 1. City of Fairmont will document the date of each training- Continue annually.**
- 2. Document topics covered in trainings- Continue annually.**

### **C. BMP- Street Sweeping (Existing)**

#### **Implementation Schedule**

- 1. City of Fairmont will begin sweeping after the first snow melt in spring- Continue annually.**
- 2. Document dates and tons of debris- Continue annually.**

Part II.C.b.6

20.r. Describe the inspection schedule for ensuring municipal facilities are in compliance with pollution prevention plans.

**Municipal facilities will be inspected annually and documented. Follow up inspections will be conducted if any deficiencies are found.**

#### **Measurable Goals**

Part IV.A

20.s. List and fully describe your measurable goals for this MCM.

### **A. BMP- Municipal Facilities Stormwater Pollution Prevention Plans (Existing)**

#### **Measurable Goals:**

- 1. City of Fairmont will maintain SWPPPs for each facility.**
- 2. City of Fairmont will conduct annual inspections of stormwater BMPs at each facility.**
- 3. Review and update SWPPP based on annual inspection results.**

### **B. BMP – Employee Training for Municipal Employees (Existing)**

#### **Measurable Goals:**

- 1. City of Fairmont will document the date of each training.**
- 2. City of Fairmont will cover topics that include the developed SWPPP for each facility.**
- 3. New employees whose job functions may impact water quality will be trained within 3 months after hire.**

### **C. BMP- Street Sweeping (Existing)**

#### **Measurable Goals:**

- 1. City of Fairmont will document the dates sweeper ran.**
- 2. City of Fairmont will document the amount of debris sweep.**

#### **Tracking**

Part II.B.7 & Part II.C.b.6.a.iii

20.t. Describe your plan for record keeping and tracking of facilities, employee training, pollution prevention plans, and inspections for this MCM.

**All inspection information, training information and PPP will be kept in the MCM book in Storm Water Department.**

#### **Evaluation**

Part II.B.7

20.u. Explain how you plan to gauge the effectiveness of your good housekeeping/ municipal operations program efforts?

**The effectiveness of the Pollution Prevention/Good Housekeeping Program for Municipal Operations program will be by the inspections done on the facilities and number of employees trained, with results gained.**

**Industrial Stormwater Coverage for Municipal Operations**

If your facility/s discharges stormwater from any industrial operation that is not covered under another NPDES permit, you must now obtain coverage for those discharges.

20.v. For each facility, provide the name and contact information of the operator if applicable.

**Outfall 059- City of Fairmont Public Works Maintenance Garage - Ron Miller (304) 363-3883**

**Outfall 113- City of Fairmont Water Filtration Plant - Chip West (304) 366-1461**

20.w. For each outlet, list the latitude and longitude to the nearest second and the River Mile Point (if known).

Outlet Number	Longitude			Latitude			River Mile
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
059	80	08	49	39	28	07	Unknown
113	PROTECTED			PROTECTED			Unknown

20.x. List the Standard Industrial Classification (SIC) Code designated for your facility/s.

Sewage Systems-      **4952**  
 Water Supply-       **4941**  
 Water, Sewer-       **1623**

20.y. List the nature of activity at the industrial facility.

**Vehicle Maintenance at Public Works, Water Facility**

20.z. Is there a wet pond at your facility that collects runoff from areas on which industrial activities occur?  
 If so, how many acres drain into it?

**No**

20.aa. Is there a dry pond at your facility that collects runoff from areas on which industrial activities occur?  
 If so, how many acres drain into it?

**No.**

20.bb. Do any of your storm water outlets discharge through an oil water separator? If yes, provide the outlet numbers.

**No.**

Based on your responses to this section, a Discharge Monitoring Report may be issued.