CITY OF BECKLEY, WV STORMWATER MANAGEMENT PLAN

To satisfy the requirements of the State of West Virginia Department of Environmental Protection Division of Water and Waste Management General Water Pollution Control Permit Number WV0116025

PERMIT ISSUE DATE: SEPTEMBER 8, 2025
PERMIT EFFECTIVE DATE: OCTOBER 8, 2025
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STORMWATER MANAGEMENT PLAN REVISION DATE: OCTOBER 2, 2026

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City of Beckley Stormwater Management Plan Overview

The General Permit Number WV0116025 establishes permit conditions and requirements that the City of Beckley, hereafter, "City" is required to comply with in order to ensure that minimum expectations for implementing a Municipal Separate Storm Sewer (MS4) Program are met.

The City is an operator of the MS4 under General Permit No. WV0116025 (2014) and has submitted and NOI for coverage under the General Permit No. WV0116025 (2025) for any stormwater and authorized non-stormwater discharge from the regulated MS4 on January 6, 2026, approved by the WV Department of Environmental Protection on March 5, 2026.

The City has developed, implemented, and enforced a Stormwater Management Plan (SWMP) designed to reduce the discharge of pollutants from the regulated MS4 to the Maximum Extent Practicable (MEP) in accordance with the General Permit, to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act, West Virginia Code, and their attendant regulations. The Stormwater Management Plan includes six (6) Minimum Control Measures (MCMs) designed to satisfy the requirements of General Permit Number WV0116025. This Stormwater Management Plan is subject to regular review and revision as deemed appropriate by the Permittee.

Roles and Responsibilities

1. Unless otherwise noted, the City of Beckley Sanitary Board, led by the General Manger, is responsible for implementing the MS4 program. The City of Beckley has delegated MS4 implementation to the Beckley Sanitary Board. This authority is established as specified in the City of Beckley Code of Ordinances, Chapter 9, Article V, and similar provisions in WV State code, W. Va. Code §§ 8-16-1, 16-13-1, 16-13-2.
2. For more information contact the Beckley Sanitary Board at 304-256-1760 or permitting@beckleysanitaryboard.org.

Receiving Waters

Table 1. Waters Receiving Discharges from the Beckley MS4		
Name of Receiving Water Body	**303(d) Impairment***	**TMDL**
Piney Creek	Fecal Coliform, Iron	Fecal Coliform, Iron
Cranberry Creek	Fecal Coliform, Iron	Fecal Coliform, Iron
Whitestick Creek	Fecal Coliform, Iron	Fecal Coliform, Iron
Little Whitestick Creek	Fecal Coliform, Iron	Fecal Coliform, Iron

* West Virginia Combined 2018/2020/2022 305(b)/303(d) Integrated Water Quality Monitoring and Assessment Report.

I. MCM 1. Public Education and Outreach

The Beckley The Beckley MS4's high-priority stormwater issues are described below.

High-Priority Stormwater Issues

a. **Priority Stormwater Issue 1:** Pet Waste Contributing to Fecal Coliform Impairments

i. **Rationale:** All of the MS4's receiving water bodies have a known impairment for fecal coliform, of which waste from warm-blooded animals is a known contributor. Beckley is a residential community with numerous parks and pet-related businesses (pet stores, groomers, boarders, etc.) Beckley Sanitary Board has partnered in sponsoring an ongoing Pet Waste Station Program, which has increased the regular use of pet waste collection bags.

ii. **Target Audience:** The target audience for this high-priority stormwater issue is Beckley residents and visitors who are pet owners or operate pet-themed businesses.

iii. **Strategies to communicate high-priority message:** Beckley Sanitary Board will communicate this high-priority message through two or more of the following methods: (1) signage at existing pet waste stations throughout the MS4 area, (2) educational booths at public events and (3) educational materials

produced by Beckley Sanitary Board or provided by EPA, WVDEP, other MS4s, or environmental organizations, made publicly available.

iv. **Anticipated time periods in which Pet Waste messages will be communicated or made available to the public:** Existing signage at pet waste stations will be maintained throughout the year, and new signage will be installed with new pet waste stations as additional sites are identified. Educational booths and public events generally occur between early April and late October, based on festival and event schedules. Educational materials will be shared via social media and/or in printed form throughout the year.

b. **Priority Stormwater Issue 2:** Anti-icing and Deicing Application and Storage Contributing to Increased Salinity and Conductivity

i. **Rationale:** The climate of the Beckley area typically includes snowfall and freezing conditions for approximately 5 months of the year. Anti-icing agents are generally made available for purchase throughout the service area for residential use. Additionally, the Beckley MS4 area includes multiple large privately owned shopping centers with extensive paved parking areas. These areas are generally maintained through snow-removal/ anti-icing contracts. These paved areas are located directly adjacent to two MS4 water bodies – Cranberry Creek and Little Whitestick Creek, with minimal riparian buffer. Salt pollution and high conductivity have been noted in these streams in prior monitoring efforts.

ii. **Target Audience:** The target audience for this high-priority stormwater issue is Beckley residents and business owners involved in anti-icing and deicing distribution and/or application.

iii. **Strategies to communicate high-priority message:** Beckley Sanitary Board will communicate this high-priority message through two or more of the following methods: (1) written materials such as newsletters utility bill inserts, or similar, (2) stormwater website and/or social media posts, and (3) educational materials produced by Beckley Sanitary Board or provided by EPA, WVDEP,

other MS4s, or environmental organizations, made publicly available at the Beckley Sanitary Board office and/or on BSB's Website.

iv. **Anticipated time periods in which anti-icing/deicing messages will be communicated or made available to the public:** Written materials can be made available to the public in the fall, in anticipation of the winter season. Updates to the stormwater website will be made as-needed, and social media posts can be made throughout the cold season, typically mid-November to mid-March in the region. Educational materials will be curated and made available on an ongoing basis.

c. **Priority Stormwater Issue 3:** Litter Control to Prevent Accumulation in Receiving Waters

i. **Rationale:** The Beckley area sits at the cross-roads of major interstate highways, and the area hosts multiple Adopt-A-Highway litter sweeps each year. The MS4 Area includes semi-rural areas where illegal dumping has been observed. Beckley Sanitary Board has noted the presence of aquatic trash, observed through the installation of in-stream litter catchment devices. The MS4 Area's receiving water bodies flow through urbanized areas with extensive paved roads and parking areas, and the streams are susceptible to wind-blown litter reaching the waters.

ii. **Target Audience:** The target audience for this high-priority stormwater issue is Beckley residents and business owners, and visitors.

iii. **Strategies to communicate high-priority message:** Beckley Sanitary Board will communicate this high-priority message through two or more of the following methods: (1) stormwater website and/or social media posts, (2) educational litter sweep events, and (3) educational materials produced by the Beckley Sanitary Board or provided by EPA, WVDEP, other MS4s, or environmental organizations, made publicly available at the Beckley Sanitary Board office and/or on BSB's Website.

iv. **Anticipated time periods in which Litter Control messages will be communicated or made available to the public:** Updates to the stormwater website will be made as-needed, and social media posts can be made throughout

the year. Educational litter sweeps will generally occur during warmer months, typically mid-April through mid-October in the region. Educational materials will be curated and made available on an ongoing basis.

II. MCM 2: Public Involvement and Participation

a. MS4 Information Made Readily Available to the Public

MS4 information will be posted to the Beckley Sanitary Board's website, and hard copies will be available at the permittee's office at 301 S Heber St, Beckley, WV.

i. **Rationale**: MS4 information will be made available online and via hard copy because population of the MS4 area generally has internet access, yet a significant portion of the population may prefer information in printed form.

ii. **MS4 Information made available to the public will include a minimum of the following**:

1. A copy of the general permit
2. Beckley's coverage letter
3. The most current Stormwater Management Plan (SWMP)
4. The Annual Report submitted to the WV Department of Environmental Protection for each year of the term covered by the current general permit.
5. Documentation of the methods available to the public to provide comments, suggestions, recommendations, or other input on the SWMP and Annual Report; and
6. Documentation of the methods available to the public to report potential illicit discharges, improper disposal, spills to the MS4, land-disturbing activity complaints, other potential stormwater pollution

b. Public Involvement Opportunities

The City will implement the following public involvement opportunities each year:

1. **<u>Public Involvement Opportunity 1.</u>** Support Citizen Monitoring Group

- **Description:** Beckley Sanitary Board will support the ongoing efforts of one or more local citizen monitoring groups, such as the Piney Creek Watershed Association. BSB staff will assist groups in planning, preparing, and collecting stream samples from the MS4 Receiving Water bodies.
- **Anticipated Time Period in Which Monitoring Activities Occur:** Stream sampling support is dependent on the efforts generally coordinated by the watershed group. Sampling events are typically scheduled once every three to four months, depending on the weather. Planning and preparation support will be provided as needed throughout the year.
- **Expected Water Quality Benefits:** Beckley Sanitary Board's support of citizen watershed monitoring efforts is expected to increase the public's and BSB's understanding of geographic areas of pollution concern. This understanding is expected to assist the Beckley Sanitary Board in decision making regarding ongoing stormwater improvements and future priorities.

2. **Public Involvement Opportunity 2.** Provide Interactive Public Education Opportunities
   - **Description:** Beckley Sanitary Board will provide public stormwater education through a booth at a community fair, a demonstration of a local stormwater control project, a watershed walk, or similar event that allows the public to interact and become familiar with BSB Staff. Beckley Sanitary Board will make reasonable effort to organize these efforts around local events which draw larger crowds. These opportunities may vary depending on staff availability and local event schedules each year.
   - **Anticipated Time Period in Which Monitoring Activities Occur:** Public events are generally scheduled in the warmer months, from mid-April to mid-October in the region.
   - **Expected Water Quality Benefits:** The primary expected water quality benefit of these efforts is expected to be through education and increased dialogue between members of the public and Beckley Sanitary Board's MS4 Staff. Beckley Sanitary Board will utilize public events to promote positive water quality and pollution prevention messaging and encourage actions by the public to improve stormwater quality.

3. **<u>Public Involvement Opportunity 3.</u>** Maintain a Storm Drain Marking Program
    - **Description:** Beckley Sanitary Board will provide opportunities to mark public storm drains with placards or similar signage with pollution prevention messaging. Beckley Sanitary Board will inspect drains which have been marked, and perform maintenance as needed on the markers. As practical, Beckley Sanitary Board may invite students, volunteer groups, or others to assist in marking public storm drains.
    - **Anticipated Time Period in Which Monitoring Activities Occur:** Storm drain marker inspection and maintenance will be ongoing throughout the year. Public storm drain marking events are generally scheduled in the warmer months, from mid-April to mid-October in the region.
    - **Expected Water Quality Benefits:** The primary expected water quality benefit of storm drain marking efforts is expected to be through education and increased awareness of the connection between storm drains and water quality. It is expected that the educational markers at the storm drain raise awareness of stormwater protection and help prevent human-related stormwater pollution at the storm drain.

c. Methods for Public to Provide Comments, Feedback, and Complaints

The public can provide comments, offer feedback, and submit complaints to the Beckley Sanitary Board via the following methods:

Phone Number: 304-256-1760 (Caller should follow the menu prompts to reporting water quality complaints.)

Email: Hotline@BeckleySanitaryBoard.org

Mail and In-Person (Monday through Friday during regular business hours, excluding State and Federal Holidays.): 301 S Heber St, Beckley, WV, 25801.

III. MCM 3: Illicit Discharge Detection and Elimination

The City's Illicit Discharge Detection and Elimination program is designed to appropriately map the MS4 system and implement measures to effectively identify and eliminate illicit discharges.

a. MS4 Map will be maintained by the Permittee

The City maintains an MS4 map through the Beckley Sanitary Board. The map is stored in digital format through BSB's GIS system. Mapping files will be stored on the database maintained by the City of Beckley. Upon request, the MS4 map will be made available to WV Department of Environmental Protection and/or other entities, as deemed lawful and appropriate by BSB, in electronic or hard-copy format. This mapping will be updated throughout the permit cycle as data are collected and revised – but no less often than at least once per year. For any year in which no changes are necessary, the Beckley Sanitary Board will document the issue in its Annual Report.

At minimum, The MS4 Map will identify and show the location of the following elements:

i. Known MS4 outfalls;
ii. Known connections to the MS4;
iii. Receiving waters for discharges from the MS4, with labels for any waters listed as impaired or subject to an approved TMDL;
    - Structural stormwater BMPs owned, operated, or maintained by Beckley Sanitary Board, and which discharge to the MS4;

i. Boundary of the regulated MS4 service area, with georeferenced files
    - Conventional map markings including:
        - North arrow
        - Scale bar
        - Legend explaining the meaning of all symbols, color codes, or other representations.

b. Implementation of an Illicit Discharge Detection and Elimination (IDDE) Program

Beckley implements the Illicit Discharge Detection and Elimination (IDDE) Program described in this section. The program will be reviewed annually and updated as necessary.

1. <u>Unauthorized Discharge Prohibition</u>

The City of Beckley has adopted an ordinance prohibiting the discharge of non-stormwater discharges into the MS4.

i. Beckley's Stormwater Ordinance is included in City of Beckley Municipal Code (Beckley City Code Ch. 9, Art. V), which is publicly available at https://tinyurl.com/BSBMS4.

ii. The prohibition of non-stormwater discharges is included in the overall Stormwater Management Ordinance and was drafted to prohibit illicit connections and non-stormwater discharges to the MS4 system. Beckley City Code §§ 9-608; 9-613.

iii. Improper sanitary connections, dumping, spills, and other illicit discharges will be tracked and attempts will be made to eliminate sources of illicit discharge as an exercise of the City and Beckley Sanitary Board's enforcement authorities. Beckley City Code § 9-609.

iv. Enforcement measures outlined in the ordinance will be utilized. The ordinance will be reviewed annually and will be updated as necessary. (subject to legislative approval by the Beckley City Council). Beckley City Code §§ 9-613, 9-617, 9-627 & 9-628.

v. The following non-stormwater wastewater discharges to Beckley's MS4 and wastewater-generating activities within the MS4 Service Area are allowed if the activities are properly managed to minimize the potential for harm to the MS4 and receiving waterbodies:

    i. water line flushing and uncontaminated discharges from potable water sources
    ii. landscape irrigation and lawn watering
    iii. irrigation water
    iv. diverted stream flows
    v. rising ground waters
    vi. groundwater infiltration to separate storm drains
    vii. uncontaminated pumped ground water
    viii. foundation and footing drains
    ix. roof drains
    x. water from crawl space pumps
    xi. residential air conditioning condensation
    xii. springs

xiii. individual residential car washes
xiv. flows from riparian habitats and wetlands
xv. dechlorinated swimming pool discharges
xvi. flows from fire fighting activities and training.

2. Other Relevant Legal Authorities

As the IDDE Prohibitions are codified in Beckley Municipal Code, the Beckley Office of Code Enforcement is authorized to enforce the ordinance.

3. Dry Weather Screening of High-Priority Outfalls

Beckley Sanitary Board has implemented a dry-weather screening program of high-priority outfalls in the MS4, to assist with detecting and eliminating illicit discharges.

The dry-weather screening includes stormwater field assessments of 50 high-priority outfalls, or 20% of Beckley's total known outfalls, whichever number is fewer, each year. Outfall mapping will be updated as part of the field assessment. Outfall inspections will be conducted using a physical and/or electronic outfall reconnaissance sheet based on the data sheet from the Center for Watershed Protection (CWP). A copy of the outfall reconnaissance sheet template is included in **Appendix A.** Field assessments will examine outfalls for evidence of improper sanitary connections, dumping, spills, and other illicit discharges and these illicit discharges will be eliminated.

4. High Priority Outfalls Rationale

The high priority outfalls of the Beckley MS4 are those pipes and channels which discharge into the flood channel of Cranberry Creek throughout the Cranberry Creek Shopping Plaza, and those which discharge into the Little Whitestick Creek flood channel in Sprague. These outfalls generally represent sections of the watershed likely to be impacted by municipal sources of pollution such as highway litter, vehicle fluid spills, pet waste, lawn waste and fertilizers, and other residential and commercial discharges.

5. Investigation of Suspected Illicit Discharges

Suspected Illicit Discharges will be investigated according to a standard operating procedure established by Beckley Sanitary Board. Beckley Sanitary Board will investigate each known or suspected illicit discharge within the MS4 area of which Beckley Sanitary Board is made aware. Beckley Sanitary Board will prepare a report for each illicit discharge investigation commenced and completed each reporting cycle. At a minimum, the IDDE Report will record the following:

1) Date the known or suspected illicit discharge was initially observed or report and the source of the information (e.g., dry weather screening report, citizen complaint);

(2) Results of the investigation, including the source, if identified;

(3) Resolution of the investigation, including whether any remediation or enforcement actions were taken; and

(4) Date the investigation was closed.

6. Complaint Reporting of Illicit Discharges from the Public

Methods by which the public can report water quality complaints, including potential illicit discharges will be published on the Beckley Sanitary Board Stormwater Website. See section II part c (pg 9) of this Management Plan for information regarding reporting complaints.

IV. MCM 4: Controlling Runoff from Construction Sites

Beckley implements the following program to reduce pollutants in stormwater runoff from regulated construction activities in the MS4 Service Area.

a. Legal Authority

The City of Beckley has adopted an ordinance to regulate construction activities within the MS4 Service Area.

i. The Stormwater Ordinance is included in City of Beckley Municipal Code, (Beckley City Code Ch. 9, Art. V), which is publicly available at https://tinyurl.com/BSBMS4.

ii. Construction Stormwater Regulations were passed by the Beckley Sanitary Board on February 8, 2008. Those regulations define a permitting system for land disturbance activities, plan submission requirements, review, and inspection and enforcement procedures. Erosion and sediment control regulation and enforcement will be utilized to keep sediment, which contains the TMDL pollutant iron and could contain other pollutants of concern, from entering the MS4 system and receiving waters. The regulations are incorporated by reference into and attached to this SWMP as **Appendix B**.

iii. Enforcement measures outlined in the ordinance will be utilized. The ordinance will be reviewed annually and will be updated as necessary.

b. Stormwater Pollution Prevention Plan Review and Approval

i. Construction Site Plan Review -- Sites with land disturbance between 5,000 and 25,000 square feet must submit a sediment and erosion control plan and a Class I Land Disturbing Permit application for review by the BSB internal review committee. Sites with land disturbance greater than 25,000 square feet must submit a SWPPP and a Class II Land Disturbing Permit application for review by the BSB internal review committee. SWPPP approvals are issued via email. Beckley Sanitary Board intends to review the standards for SWPPP review, and update as necessary each permit cycle.

c. Inspections

i. Each regulated construction activity will be inspected at least once during the period of land disturbance. High-priority construction activities will be inspected at least once per month.

ii. High-priority construction activities include (1) projects that have a land-disturbance area greater than 5 acres; (2) projects that drain to waterbody subject to a TMDL; and, as appropriate, (3) any other project types or project locations determined by Beckley Sanitary Board to present an elevated risk of impacts to water quality based on local conditions.

iii. Self-inspections by entities engaging in regulated construction activities are required weekly and after ½ inch rain events and self-inspection reports must be available to BSB upon request. BSB will exercise its authority to conduct routine inspections, random inspections, inspections based on complaints or other notice of possible violations, and joint inspections with other agencies. Inspection reports are kept with BSB.

iv. Inspections will be tracked with inspection sheets. BSB will follow up on deficiencies with notification, educational efforts and/or enforcement actions. The number of enforcement actions will be tracked.

v. A standard Construction Site Inspection form has been developed by Beckley Sanitary Board. A copy of this form will be available on the Beckley Sanitary Board Stormwater Utility website. A copy of the Construction Site Inspection Form is included in **Appendix C.**

vi. Following a construction site inspection, Beckley Sanitary Board will provide a copy of the inspection report form (or an abbreviated or modified version thereof documenting the inspector's findings) to the owner or operator of the Construction Activity, as soon as practicable, and no later than 7 days from the time of inspection. Any pollution event discovered by BSB inspectors will be reported to the operator immediately upon discovery. This communication will include instructions to the operator of any necessary maintenance or corrective actions within 24 hours.

d. Compliance and Enforcement.

i. Enforcement action will be taken in accordance with an escalating scale of action. These steps are: (1) verbal warning, (2) written warning, (3) issuance of notice of violation with timeline for corrective action, and (4) second issuance of notice of violation and sanctions at the discretion of the Beckley Sanitary Board Director. Depending on the severity of a violation, BSB may exercise its authority to skip steps (1) and (2). BSB also reserves its authority to pursue any other civil or criminal penalties as may be appropriate to the circumstances.

ii. Beckley Sanitary Board may issue an order to stop construction, void a permit and/or refer to state and/or federal authorities other enforcement actions upon finding inadequate erosion and sediment control management practices upon a site or property causing or

contributing to sediment loading or other pollution of the watershed. If BSB must clean-up off-site sedimentation or mitigate other erosion related to public safety and environmental hazards, the landowner and/or person in violation will be charged for the cost of the cleanup in addition to the civil penalty.

iii. In the event the Beckley Sanitary Board Director or his/her representative can document immediate harm to the health and welfare of the public, adjoining properties, or the storm sewers or waters of the City watershed, the Director is empowered to take all steps necessary to immediately mitigate the circumstances contributing to the problem. Prior to action or enforcement measures, at the request of the landowner or operator, the Beckley Sanitary Board shall make one compliance assistance visit to a construction site. No sanctions shall arise from this assistance visit provided any identified deficiencies are corrected within a reasonable time period specified by BSB.

e. Public Reports and Complaints

i. Methods by which the public can report complaints related to BMP implementation and stormwater discharges from regulated construction activities will be published on the Beckley Sanitary Board Website. See section II part c (pg 9) of this Management Plan for information regarding reporting complaints.

ii. Beckley Sanitary Board will log all public reports and complaints in a tracking system, which will include a (1) summary or copy of the complaint; (2) actions taken to investigate the complaint; and (3) whether any compliance, enforcement, or other actions were taken as a result of the investigation. A Template Complaint Tracking Form is included in Appendix D.

iii. Beckley Sanitary Board will provide a response to any commenter that provided contact information within 30 days of receipt of complaint. Beckley Sanitary Board may choose not to provide responses to individual commenters if it elects to post a record of public complaints and their resolutions to its website.

iv. Beckley Sanitary Board will maintain records of (1) SWPPP approvals; (2) SWPPP inspections conducted by or on behalf of Beckley Sanitary Board; (3) enforcement and compliance actions taken by Beckley Sanitary Board; and (4) public reports and complaints and Beckley Sanitary Board's responses thereto.

V. MCM 5: Controlling Runoff from New Development and Redevelopment

The City implements a post-construction stormwater management program with the goal of reducing the discharge of stormwater-based pollutants from development and redevelopment projects in the MS4 Service Area that have a land disturbance area of (i) one acre or greater or (ii) less than an acre if part of a larger common plan of development or sale that will result in land disturbance of one acre or greater.

a. Legal Authority

The City of Beckley has adopted an ordinance to regulate construction activities within the MS4 Service Area.

i. The Stormwater Ordinance is included in City of Beckley Municipal Code, (Beckley City Code Ch. 9, Art. V), which is publicly available at https://tinyurl.com/BSBMS4.
ii. Standards regulating new development and redevelopment have been implemented by Beckley Sanitary Board. Those regulations define a permitting system for land disturbance activities, plan submission requirements, review, and inspection and enforcement procedures.
iii. Development standards will be reviewed annually and updated as necessary.
iv. Enforcement measures outlined in the ordinance will be utilized. The ordinance will be reviewed annually and will be updated as necessary.

b. Post-Construction Stormwater Management Plan Review and Approval

As required by the Stomrwater Ordinance, operators of New Development Projects must submit a Post-Construction Stormwater Management Plan (PCSMP) to Beckley Sanitary Board for review and approval. Beckley Sanitary Board has the authority to request additional information from the applicant and require revisions to the PCSMP to ensure compliance with the applicable the MS4's post-construction requirements, and any other local requirements. PCSMP approvals are issued via email of an approval letter and approved project permit. The City prohibits the commencement of any Regulated Projects without a PCSMP approved by Beckley Sanitary Board.

Procedures for reviewing and approving PCSMP

New Development Project operators are required to notify BSB of such projects prior to commencing land-disturbance. When Beckley Sanitary Board is made aware of a New Development Project, BSB directs the developer to the following procedure:

1. Local MS4 Post-Construction Stormwater Management Plan guiding documents are shared with the developer.
2. Beckley Sanitary Board Engineering Staff Review Project Plans, including Post-Construction Stormwater Management Plan and stormwater calculations.
3. As needed, Beckley Sanitary Board engineering staff offer comments and/or revisions to the submitted plans.
4. As needed, the developer resubmits revised plans and documents to Beckley Sanitary Board.
5. When Beckley Sanitary Board approves the plan submittal, BSB sends an approval letter and approved permit to the developer, via email.
6. Beckley Sanitary Board staff schedule a pre-construction meeting with the developer and/or selected contractor, and any other pertinent parties.

c. Post-Construction Development Standards

The City will develop equivalent alternative post-construction development standards. Current development standards apply to developments in which (1) the overall disturbed area is greater than 25,000 square feet, or (2) the proposed development will add 5,000 square feet of impervious area to the site. For any new development, meeting the criteria above, the post-development peak discharge from the site must be equal to or less than the pre-development peak discharge from the site, based on a 10-year design storm. The development plans must include the following:

- Approved calculation method performed by licensed engineer
- Pre- and post-development contributing drainage areas delineated
- Pre-Development hydrology report
- Post-Development hydrology report

- Calculations which meet peak discharge requirements

These post-construction development standards require the development to implement stormwater detention measures which reduce peak flow from the developed site. This reduction in peak flow typically results in reduced downstream erosion or sedimentation. Typical detention methods include vegetated swales and detention basins, underground storage, and green space, which can help reduce downstream erosion and thermal pollution.

The City will review and revise as necessary the MS4's Equivalent Alternative Post-Construction Development Standards and prepare a package including the development standard and supporting technical documentation. Beckley Sanitary Board will publish the package for public comment on Beckley Sanitary Board's Stormwater website for at least 30 days. After the closing of the Public Comment Period, Beckley Sanitary Board will submit the package, any public comments received by Beckley Sanitary Board, and Beckley Sanitary Board's responses thereto to the West Virginia Department of Environmental Protection. Following public notice of standards, and submittal to WV Department of Environmental Protection, the equivalent alternative post-construction development standards. will be adopted in accordance with the terms of the General Permit Number WV0116025.

d. Post-Construction Redevelopment Standards

The City will develop equivalent alternative post-construction redevelopment standards. Current redevelopment standards apply to developments in which (1) the overall disturbed area is greater than 25,000 square feet, or (2) the proposed development will add 5,000 square feet of impervious area to the site. For any redevelopment meeting the criteria above, the post-development peak discharge from the site must be ten percent less than the pre-development peak discharge from the site, based on a 10-year design storm. The redevelopment plans must include the following:

- Approved calculation method performed by licensed engineer
- Pre- and post-development contributing drainage areas delineated
- Pre-Development hydrology report
- Post-Development hydrology report

- Calculations which meet peak discharge requirements

These post-construction redevelopment standards require the development to implement stormwater detention measures which reduce peak flow from the developed site. This reduction in peak flow typically results in reduced downstream erosion or sedimentation. Typical detention methods include vegetated swales and detention basins, underground storage, and green space, which can help reduce downstream erosion and thermal pollution.

The City will review and revise as necessary the MS4's Equivalent Alternative Post-Construction Redevelopment Standards and prepare a package including the development standards and supporting technical documentation. Beckley Sanitary Board will publish the package for public comment on Beckley Sanitary Board's Stormwater website for at least 30 days. After the closing of the Public Comment Period, Beckley Sanitary Board will submit the package, any public comments received by Beckley Sanitary Board, and Beckley Sanitary Board's responses thereto to the West Virginia Department of Environmental Protection. Following public notice of standards, and submittal to WV Department of Environmental Protection, the equivalent alternative post-construction development standards. will be adopted in accordance with the terms of the General Permit Number WV0116025.

e. Stormwater Management Facility Inspections

The City has implemented a program to facilitate proper inspection and maintenance on stormwater management facilities constructed to comply with the MS4's development and redevelopment standards. The program includes the following components:

i. For any Regulated Projects, the project owner is required to submit certified as-built drawings of all stormwater management facilities required by a PCSMP.
ii. For any Regulated Projects, the project owner is required to execute binding agreements for the long-term maintenance of any stormwater management facilities installed on the project. Such agreements will require the project owner or operator, its successor, or other responsible party to (1) inspect stormwater facilities on an annual basis (unless Beckley Sanitary Board determines that an alternative schedule is appropriate); (2) perform any necessary maintenance within a prescribed period; and (3) provide inspection and maintenance records to the Beckley Sanitary Board.

Agreements will be made in favor of the Beckley Sanitary Board or a designated party acting on the Beckley Sanitary Board's behalf.

iii. To the extent allowed by law, Beckley Sanitary Board will require that Long-Term Maintenance Agreements be recorded in the local property records and be made to run with the land.

iv. Beckley Sanitary Board will keep an inventory of stormwater management facilities subject to maintenance agreements. Beckley Sanitary Board will inspect each stormwater management facility on the inventory at least once every five years. If the inspection identifies any deficiencies, Beckley Sanitary Board will take reasonable action to enforce its rights under the Long-Term Maintenance Agreement or exercise its compliance and enforcement authority to compel the responsible party to complete any necessary maintenance.

v. Beckley Sanitary Board will continue to enforce any stormwater management facility maintenance agreements or maintenance plans approved under prior versions of General Permit No. WV0116025, in accordance with their respective terms and conditions.

vi. Beckley Sanitary Board has implemented standard compliance and enforcement procedures for Regulated Project owners that fail to comply with any requirements imposed by Beckley Sanitary Board. These procedures are outlined in the Beckley Sanitary Board Regulations for Erosion and Sediment Control, Appendix B.

vii. Beckley Sanitary Board implements a program to accept, track, and respond to substantive complaints from the public related to post-construction stormwater management and stormwater discharges from Regulated Projects to the Beckley MS4 (excluding natural flooding events). As part of the program, Beckley Sanitary Board will publish information on its stormwater website advising the public how to report stormwater-related problems at the sites of Regulated Projects, including an email address and phone number available to receive reports. Beckley Sanitary Board will log all public reports and complaints in a tracking system, which will include a (1) summary or copy of the complaint, (2) actions taken to investigate the complaint, and (3) whether any compliance, enforcement, or other actions were taken as a result of the

investigation. See section II part c (pg 9) of this Management Plan for information regarding reporting complaints.

viii. Beckley Sanitary Board will maintain records of (1) PCSMP approvals; (2) inventory of stormwater management facilities; (3) Long-Term Maintenance Agreements; (4) stormwater management facility inspections conducted by or on behalf of the Beckley Sanitary Board; (5) enforcement and compliance actions taken by the Beckley Sanitary Board; and (6) public reports and complaints.

VI. MCM 6: Pollution Prevention & Good Housekeeping for Municipal Operations

The City will implement good housekeeping procedures designed to minimize the facility discharge of pollutants from municipal facilities and operations to the maximum extent practicable.

Pollution Prevention and Good Housekeeping Program

a. Landscape Management Activities.

The City will review and revise as necessary written procedures for implementing best management practices for each of the landscape management activities listed below to minimize the discharge of pollutants to the MS4.

i. Use of Fertilizer. The application of fertilizers to municipal properties will not exceed the application rates established by any applicable nutrient management plan. For areas not covered under nutrient management plans where fertilizer is applied, application rates will not exceed manufacturer's recommendations;

ii. Use of Herbicides and Pesticides. The application of herbicides and pesticides to municipal properties will not exceed the manufacturer's recommendations;

iii. Vegetation Disposal. Landscaping and vegetation management activities on municipal properties shall ensure that leaves, lawn and bush trimming, and other related vegetative debris is not stockpiled or disposed of in areas where it may be washed into the MS4;

b. Management of High-Priority Facilities.

High-priority facilities are defined as any facilities owned or operated by the Permittee with drainage to the regulated MS4 where one or more of the following activities occur: (i) composting; (ii) equipment storage, cleaning, maintenance, and fueling; (iii) long-term bulk materials storage; (iv) pesticide, herbicide, fertilizer, or other chemicals storage; (v) recycling; (vi) anti-icing and deicing agent bulk storage, handling, and transfer; (vii) solid waste handling and transfer; and (viii) Beckley Sanitary Board -owned or -operated vehicle washing, maintenance, and salvage.

Beckley Sanitary Board directly operates two high-priority facilities, not covered by a separate NPDES permit for stormwater discharges. Additional municipally owned high-priority facilities, are operated by various departments within the City of Beckley. Any municipally owned facilities not identified in this SWMP are generally considered not to meet the requirements of a High-priority Facility, as specified in the General Permit Number WV0116025. A list of municipally owned high-priority facilities, operated by various departments of the City is provided in Table 2.

Table 2. Municipally Owned High-Priority Facilities

Facility Name	**Facility Location**	**Direct Operator**	**Covered by Separate NPDES Permit?**
Board of Public Works	401 Adair St., Beckley, WV 25801	Beckley Board of Public Works	Yes.
Beckley Sanitary Board Wastewater Treatment Plant	700 Piney Creek Rd, Beckley, WV 25801	Beckley Sanitary Board	Yes.
Beckley Sanitary Board	301 S. Heber St., Beckley, WV 25801	Beckley Sanitary Board	No.
Beckley Sanitary Board	245 New River Dr., Beckley, WV 25801	Beckley Sanitary Board	No.
Beckley Police Department	340 Prince St., Beckley, WV 25801	Beckley Police Department	No.

Beckley Police Department Garage	104 Kiser St., Beckley, WV 25801	Beckley Police Department	No. (Facility not currently in Operation.)
City Fire Department, Station 1	310 3rd Ave., Beckley, WV 25801	Beckley Fire Department	No.
City Fire Department, Station 2	10 Pikeview Dr., Beckley, WV 25801	Beckley Fire Department	No.
City Fire Department, Station 3	232 Industrial Dr, Beckley, WV., 25801	Beckley Fire Department	No.
Exhibition Coal Mine	513 Ewart Ave., Beckley, WV 25801	Beckley Parks and Recreation Department	No.

Beckley Sanitary Board will coordinate with other City departments to determine appropriate pollution prevention measures, assist in inspection, and assess other SWPPP requirements and compliance as necessary.

For each of the two high-priority facilities operated by Beckley Sanitary Board, Beckley Sanitary Board will review and update as necessary the site-specific Stormwater Pollution Prevention Plan (SWPPP). Each high-priority SWPPP will include the following:

i. Site Description. A site description that includes a site map identifying all stormwater outfalls, direction of stormwater flows, existing source controls, and receiving water bodies;

ii. Responsible Personnel. All persons (by name or job title) responsible for implementing each requirement of the SWPPP will be identified;

iii. Potential Sources of Pollutants to the MS4. All potential pollutants, pollutant sources, and non-stormwater discharges shall be identified in the SWPPP;

iv. Pollution Prevention Procedures. The SWPPP will contain written procedures and practices tailored to the facility that are designed to reduce and prevent pollutant discharges to the MS4;

v. Catalogue of Stormwater Controls. All structural control measures, such as stormwater management facilities and other stormwater pollutant source controls that are intended to or have the effect of avoiding or minimizing the discharge of stormwater pollutants to the MS4 will be identified in the SWPPP;

vi. Inspection Procedures and Schedule. The SWPPP will include an inspection schedule mandating that each facility be inspected by qualified personnel on a frequency of no less than once per year. Inspections will document compliance with the SWPPP, including, at a minimum, the following elements: (i) implementation of the Pollution Prevention Procedures; (ii) condition of each stormwater control identified in the SWPPP; and (iii) documentation that maintenance activities required by the SWPPP have been completed. The results of each inspection will be documented in an inspection report. Any deficiencies identified in an inspection report will be corrected as soon as practicable;

vii. Maintenance Procedures and Schedule. The maintenance requirements, including the maintenance frequency, for each stormwater control will be identified in the SWPPP;

viii. Incident Log. A log of each unauthorized discharge, release, or spill incident at the facility that caused or was reasonably likely to cause a discharge of pollutants to the MS4, to include the following information: (i) date of incident; (ii) material discharged, released, or spilled; (iii) estimated quantity discharged, released, or spilled; and (iv) remediation or other corrective actions;

ix. Training. On at least an annual basis, all staff and contractors active at the facility and responsible for high-priority activities will receive training on the requirements of the SWPPP, with an emphasis on the importance of eliminating unauthorized discharges to the MS4; and

x. Recordkeeping. All (i) inspection reports; (ii) maintenance reports; (iii) incident logs; and (iv) training records generated pursuant to the SWPPP will be kept with the SWPPP.

c. Construction and Other Land-Disturbing Activities

The City will adopt measures to require that its employees and contractors comply with all applicable erosion and sediment control and stormwater discharge requirements for land-disturbing activities conducted for or on behalf of the City. These methods will include training, inspection, contract terms, and/or other effective means.

d. Employee and Contractor Training.

Staff and contractors engaged by the City to conduct any of the activities covered by the Pollution Prevention and Good Housekeeping Program will receive training on the procedures and practices relevant to their respective functions and responsibilities. The training will be given to new employees and contractors within three months of their engagement. Refresher training will be provided to each covered employee and contractor each year.

For contractors hired by the City, Beckley Sanitary Board will provide training and/or require that its contractors certify that employees and subcontractors performing the relevant tasks for the City have received appropriate training.

Employees and contractors will receive training on the following topics to the extent they may be relevant and applicable to the employee or contractor's functions for the City:

i. Proper Chemical and Material Storage and Use. This training will be provided to employees and contractors whose duties involve the storing and use of chemicals or other materials that may cause pollution in stormwater discharging to the MS4. This includes fuel, oils, grease, strippers, and additional products for operation and maintenance of equipment and of buildings, streets, and the MS4.

ii. Trash Management. Employees and contractors whose duties include managing solid waste or maintaining public lands (e.g., trash collection in public parks) will receive training on the importance of keeping trash and litter from being washed into the MS4.

iii. Fleet Maintenance. Employees and contractors responsible for vehicle fleet storage and maintenance will receive training on preventing the discharge of pollutants to the MS4 from activities including (i) vehicle cleaning (e.g., discharge of polluted wash water) and (ii) vehicle maintenance (e.g., avoiding spills of fuel, oil, and other chemicals).

VII. MS4 Program Evaluation, Recordkeeping, and Reporting

A. Recordkeeping

1. Record Retention

The City will keep records to verify compliance with this general permit for at least three years beyond the permit expiration date of the current General Permit and any continuance as described in the General Permit.

2. Availability of Records

Upon request, records related to this general permit will be submitted to the WV Department of Environmental Protection and released to the public in accordance with the Freedom of Information Act.

B. Annual Reports

1. Reporting Periods

Beckley Sanitary Board will submit an Annual Report to the WV Department of Environmental Protection no later than October 1 of each year in an electronic format via the Department's Electronic Submittal System (ESS) (http://dep.wv.gov/ess). Each report will cover the previous year from July 1 to June 30.

VIII. TMDL Special Conditions

a. Applicability

In accordance with the specifications outlined in General Permit Number WV0116025, and the list of impaired water bodies at the WVDEP website, the following pollutants of concern have been identified as discharging into the Beckley MS4 (further detail regarding the TMDL is provided in Table 3 of this SWMP.)

1. Fecal coliform (Bacteria)
2. Iron

b. Identified Sources of Pollutants of Concern, and Best Management Practices Designed to Reduce Them

Table 3. Identified Sources of Pollutants of Concern in Beckley MS4, and Best Management Practices Designed to Reduce Them

TMDL Pollutant of Concern	Identified Source	Strategy (BMP) designed to Reduce the pollutant of Concern	Schedule of Anticipated Actions Planned
Fecal Coliform	Domestic Pet Waste	Provide Signage and Signage and Targeted Outreach to Pick Up Pet Waste, and Support Maintenance of Pet Waste Bag Dispensers.	Ongoing Throughout the Reporting Cycle. In-person outreach will be focused around community events, generally occurring between mid-April and mid-October in the region.
Fecal Coliform	Illicit Connections or Illicit Discharges to the MS4	Complete Video (CCTV) and visual inspections of BSB-owned sanitary sewer infrastructure. Track replacement of leaky sewer lines and removal of illicit connections.	Ongoing throughout the reporting cycle.
Fecal Coliform	Urban Wildlife	Complete Video (CCTV) and visual inspections and cleaning of BSB-owned storm sewer infrastructure.	Ongoing throughout the reporting cycle.
Iron (Sediment)	Roadway sediment washed into storm drains	Street Sweeping Activity: track municipal street sweeping activity within the MS4.	Ongoing throughout the reporting cycle.
Iron (Sediment)	Sediment washed into storm drains	Storm sewer maintenance; track flushing and cleaning	Ongoing throughout the reporting cycle.

		of BSB-owned storm sewer infrastructure.	
Iron (Sediment)	Construction site activities.	Regular inspections of Erosion and Sediment controls.	Ongoing throughout the reporting cycle.

If The City is notified of any new state or federal TMDL for which the Beckley MS4 is identified as a source, within six months of notification The City will develop and implement Best Management Practices (BMPs) targeting the pollutant of concern and will gauge the effectiveness of those BMPs in making progress toward achieving wasteload allocations.

Appendix A. Outfall Reconnaissance Inventory Field Sheet. Published by Center for Watershed Protection (CWP).

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:		Outfall ID:	
Today's date:		Time (Military):	
Investigators:		Form completed by:	
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:	
Latitutde:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	
Land Use in Drainage Area (Check all that apply):			
☐ Industrial		☐ Open Space	
☐ Ultra-Urban Residential		☐ Institutional	
☐ Suburban Residential		Other: _____	
☐ Commercial		Known Industries: _____	
Notes (e.g.., origin of outfall, if known):			

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ____	☐ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: _____	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☐ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1.	Sample for the lab?	☐ Yes	☐ No	
2.	If yes, collected from:	☐ Flow	☐ Pool	
3.	Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Appendix B. Beckley Sanitary Board Regulations for Erosion and Sediment Control

BECKLEY SANITARY BOARD

Regulations for Erosion and Sediment Control

WHEREAS, in Chapter 9, Section 611 of the Beckley City Code, the Beckley City Council has delegated to the Beckley Sanitary Board the duty and responsibility to enact regulations providing for standards and guidelines for the implementation and management of best management practices to prevent erosion at construction sites and to prevent the deterioration of water quality in the Beckley urban watershed by the transport and discharge of sediment into the watershed; and,

WHEREAS, the Beckley City Council requires that, at a minimum, these regulations address:

1. Erosion controls through the protection and preservation of the soil at an active construction site to prevent off-site sedimentation.

2. Sediment controls to remove sediment from runoff before runoff is discharged from an active construction site.

3. Stabilization and structural practices to prevent sedimentation and erosion.

4. Stormwater management measures to be installed before, coincident with and upon completion of construction activities. These measures shall be designed to reduce or eliminate pollutants discharged from the site and to promote flood control objectives designated by the Beckley Sanitary Board.

5. Construction site housekeeping best management practices, including, but not limited to, equipment maintenance, repair and cleaning, waste management and collection, storage of materials and chemicals, and sanitary facilities; and,

WHEREAS, no landowner or land operator shall receive or maintain any building, grading or other land development permit or administrative authorization/license without meeting these requirements.

THEREFORE, in compliance and accordance with this authority, the Beckley Sanitary Board hereby enacts the following Erosion and Sediment Control Regulations:

1. Definitions.

Applicant is any person who submits an application to the City for a permit pursuant to this ordinance. The Applicant may be the land owner or site operator. In any event, the land owner and the Applicant, if other than the land owner, shall be responsible parties with respect to compliance with this regulation.

Best Management Practices (BMP) is a technique or series of techniques which are proven to be effective in controlling runoff, erosion and sedimentation.

Borrow is earth material acquired from an off-site location for use in grading on a site.

Borrow area is a site from which earth is removed to be transported to another site.

"BSB" is the Beckley Sanitary Board, a political subdivision of the State of West Virginia and a duly created and authorized stormwater utility.

Clearing and grubbing is the cutting and removal of trees, shrubs, bushes, windfalls and other vegetation, including removal of stumps, roots and other remains in the designated areas.

Detention facility is a temporary or permanent natural or man made structure that provides for the temporary storage of storm water runoff.

Disturbed area is the total area of land disturbance activity that will take place during all phases of a construction project, including, but not limited to, all waste and borrow sites, utility installation, road building, mass grading, and site development.

Erosion is the wearing away of the ground surface as a result of the movement of wind, water, ice and/or land disturbance activities.

Erosion and Sediment Control Plan (Plan) is a plan which includes a set of best management practices or equivalent measures designed to control surface runoff and erosion and to retain sediment on a particular site during the period in which pre-construction and construction related land disturbances, fills and soil storage occur and before final improvements are completed.

Excavation is the mechanical removal of earth material.

Fill is a deposit of soil or other earth materials placed by artificial means.

Fill area is a site upon which fill is placed.

Final Erosion and Sediment Control Plan (Final Plan) is a plan which includes permanent measures and Best Management Practices to control surface runoff and control sediment.

Grade is the vertical location of the ground surface.

(a) *Existing grade* is the grade prior to grading.

(b) *Rough grade* is the stage at which the grade approximately conforms to the approved plan.

(c) *Finish grade* is the final grade of the site which conforms to the approved plan.

Issuing authority is the Director of the City of Beckley stormwater utility, as defined by the City of Beckley Code § 9-600(c).

Land disturbance activity is any land change that may result in soil erosion from wind, water and/or ice and the movement of sediments into or upon waters, lands, or rights-of-way within the City of Beckley urban watershed, including but not limited to building demolition, clearing and grubbing, grading, excavating, transporting and filling of land. Land disturbance activity does not include the following:

(a) Minor land disturbance activities including, but not limited to, underground utility repairs, home gardens, minor repairs, and maintenance work which do not disturb more than five hundred (500) square feet of land.

(b) Installation of fence, sign, telephone, and electric poles and other kinds of posts or poles.

(c) Emergency work to protect life, limb, or property and emergency repairs. If the land disturbing activity would have required an approved Erosion and Sediment Control Plan except for the emergency, then the land area disturbed shall be shaped and stabilized in accordance with the requirements of this regulation.

Maintenance project is a non-construction related activity.

Operator is any person, firm, corporation, sole proprietorship, partnership, state agency, or political subdivision thereof engaged in a land disturbance activity with operational control over construction plans/specifications and/or day to day operational control of a site.

Outfall is the point of discharge to any watercourse from a public or private stormwater drainage system

Owner is any person which a legal or equitable interest in the land for which an erosion and sediment control permit has been issued.

Permittee may be the site Owner or Operator, and is the applicant in whose name a valid permit is duly issued pursuant to this regulation and his/her agents, employees, and others acting under his/her direction.

Responsible party is the Owner and the Operator conducting operations upon the site. If the Operator is the Permittee, the Owner shall remain joint and severally liable for violations and ancillary liability, regardless of cause or fault.

Retention facility is a temporary or permanent natural or manmade structure that provides for the storage of storm water runoff by means of a permanent pool of water.

Runoff is rainfall, snowmelt, or irrigation water flowing over the ground surface.

Sediment is soils or other surficial materials transported by surface water as a product of erosion.

Sedimentation is the process or action of deposition sediment that is determined to have been caused by erosion.

Site is the entire area of land on which the land disturbance activity is proposed in the permit application

Site plan is a plan or set of plans showing the details of any land disturbance activity of a site, including but not limited to the construction of: structures, open and enclosed drainage facilities, stormwater management facilities, parking lots, driveways, curbs, pavements, sidewalks, bike paths, recreational facilities, ground covers, plantings, and landscaping.

Soil is naturally occurring surficial deposits overlying bedrock.

Soil stabilization refers to measures which protect soil from the erosive forces of wind, raindrop impact and flowing water, and includes the growing of grass, sod, and application of straw, mulch, fabric/geotextile mats, and the early application of gravel base on areas to be paved.
Seeding rates, dates, and materials may be obtained from the local Natural Resources Conservation Service field office

Stripping is any activity which removes or significantly disturbs the vegetative surface cover including clearing, grubbing of stumps and root mat, and topsoil removal.

Surveyor is a person duly registered or authorized to practice land surveying in the State of West Virginia.

Topsoil is the upper layer of soil.

Watercourse is any natural or improved stream, river, creek, ditch, channel, canal, conduit, gutter, culvert, drain, gully, swale, or wash in which waters flow either continuously or intermittently.

Watershed is a region draining to a specific river, river system or body of water.

2. The requirements and standards of these regulations shall apply to all land disturbance or landfilling activities within the Beckley urban watershed. The intent of these regulations is to minimize the discharge and transport of pollutants to storm drain systems and to prevent the deterioration of water quality in the watershed. No construction shall be performed within the watershed in a manner that will negatively impact water quality in the watershed.

3. Land disturbance or landfilling activities in the Beckley urban watershed shall be permitted only after temporary or permanent erosion and sediment control management practices have been placed and are operational and effective in accordance with these regulations. The Beckley Sanitary Board may halt construction, void a permit and/or refer to state and/or federal authorities other enforcement actions upon finding inadequate erosion and sediment control management practices upon a site or property causing or contributing to sediment loading or other pollution of the watershed.

4. Construction/Land Disturbance Permit:

To facilitate the ability to properly regulate, track and report to state and federal authorities the management of construction site runoff's impact on the municipal separate storm sewer system (MS4) within the Beckley watershed, these regulations establish a land disturbance permitting system for construction activities. In accordance with Beckley City Code § 9-611, no building, grading or other land development permit or license shall be issued by the City of Beckley without full compliance with these prerequisites. No permit will be issued or remain valid where the site has, without permit, been cleared, graded, stripped, excavated, de-vegetated or otherwise disturbed so that slipping, erosion and/or water pollution has or may reasonably be expected to occur until such conditions are corrected to the satisfaction of the Director. Under this permit system, a project owner and site operator shall be permitted based on the following criteria:

(a) Land disturbance or landfilling activities that disturb up to 5,000 square feet of total area shall complete a site registration application for their project with the Beckley Sanitary Board. Such site registration will require identification of the project owner and contractor or other entity in charge of operations at the site. Upon filing the site registration, the applicant will receive written guidelines on small construction site Best Management Practices (BMPs) to prevent erosion, control sediment and prevent the contamination of stormwater runoff on construction sites. As part of the site registration, (1) the owner and site operator shall acknowledge receipt of the guidelines, (2) agree to abide by the guidelines to manage their construction site runoff, and 3) acknowledge notice of the right of Beckley Sanitary Board personnel to access and inspect the site for compliance with these regulations. The site registration application shall be accompanied by a registration fee as set forth by the Board.

(b) Land disturbance or landfilling activities that disturb greater than 5,000 square feet up to 25,000 square feet shall require a Class I Land Disturbance Permit. In addition to the Class I permit application form, these sites must submit to the Beckley Sanitary Board, an erosion and sediment control plan for the project as described in paragraph 5 below. With submittal of a Class I application, the applicant shall pay an application fee to cover costs of review and inspection as set forth by the Board.

(c) Land disturbance or landfilling activities that disturb greater than 25,000 square feet shall require a Class II Land Disturbance permit. The applicant for a Class II land disturbance permit shall submit to the Beckley Sanitary Board a completed Class II application form and a storm water pollution prevention plan (SWPPP) for the project as described in paragraph 6 below. Construction projects that fall within this designated level must pay a registration fee to cover costs of review and inspection as set forth in by the Board.

(d) Owners and Operators of sites that are being used as borrow or fill areas that exceed 2,500 square feet in area or will result in 25 yards of material being excavated or filled that are not permitted under the Class I or Class II Land Disturbance permit shall register the site as a permitted borrow/fill area with the Beckley Sanitary Board. As part of the registration, the operator must submit proposed limits of the area, proposed duration of activity, methods to prevent erosion and control sedimentation and a reclamation/restoration plan. The reclamation/restoration plan shall address at a minimum how the site will be stabilized to prevent erosion and sediment laden runoff from leaving the site. Stabilization plans will note how the site will be revegetated and how slopes will be stabilized. BSB will utilize the registration program to maintain a list of approved/active borrow and fill sites to assist area construction contractors.

(e) Projects that exceed 5,000 square feet of land disturbance and fill/borrow sites greater than 2,500 square feet shall require a preconstruction site meeting with Beckley Sanitary Board personnel prior to the commencement of land disturbing activity on the site. Preconstruction meetings shall include appropriate site operators responsible for day to day operations on the site. Record of the preconstruction meeting shall be documented in the site's inspection file maintained on the premises and in the files of the Beckley Sanitary Board..

5. Class I Permit Application Procedure

(a) The applicant shall submit a completed application form and sediment and erosion control plan to the Beckley Sanitary Board. As feasible, the Board will approve or deny the permit application within 28 calendar days.

(b) The Class I sediment and erosion control plan shall include:

(1) Plan view of the planned activities on the site, including clearing limits, sensitive areas and trees to be preserved in the construction area

(2) BMPs for sediment control – description and location.

(3) BMPs for stabilization of exposed and unworked soils – description.

(4) BMPs for slope protection – description and location.

(5) Identify storm drain inlets and describe BMPs to protect inlets from sediment in surface water runoff.

(6) Identify points of discharge of stormwater from site and BMPs to protect receiving streams from erosion.

(7) BMPs to prevent or treat contamination or surface water runoff by pH modifying sources.

(8) Inspection, monitoring and maintenance plan for all active BMPs

(9) Name, address and phone number of landowner, project owner, and responsible site operator (i.e., the general contractor and excavation contractor).

(10) Acceptable means and methods for sediment and erosion control are described in the Erosion and Sediment Control Best Management Practices Manual published by the West Virginia Department of Environmental Protection. This manual is available at: www.wvdep.org/dwwm/stormwater/BMP/index.html., or in printed copy from the Beckley Sanitary Board. The means and methods described in this manual are incorporated by reference into these regulations as if fully reprinted below. This manual will be considered local standards until the Beckley Sanitary Board develops a local BMP manual.

6. Class II Application Procedure

(a) The applicant shall submit a completed application form and sediment and erosion control plan to the Beckley Sanitary Board. As feasible, the Board will approve or deny the permit application within 28 calendar days.

(b) The Class II stormwater pollution prevention plan shall include:

(1) Plan view of the planned activities on the site, including clearing limits, sensitive areas and trees to be preserved in the construction area.

(2) Plan sheets and narrative guidelines in accordance with USEPA standards set forth in USEPA Publication Number EPA 33-R-060-04 May 2007, ―Developing Your Stormwater Pollution Prevention Plan.‖ This publication and its subsequent updates/modifications, is included by reference into this regulation. Copies of the manual are available at www.epa.gov and from the Beckley Sanitary Board.

(3) Name, address and phone number of landowner, project owner, and responsible site operator (i.e., the general contractor and excavation contractor).

(4) Acceptable means and methods for sediment and erosion control are described in the Erosion and Sediment Control Best Management Practices Manual published by the West Virginia Department of Environmental Protection. This manual is available at: www.wvdep.org/dwwm/stormwater/BMP/index.html, or in printed copy from the Beckley Sanitary Board. The means and methods described in this manual are incorporated by reference into these regulations as if fully reprinted below. This manual will be

considered local standards until the Beckley Sanitary Board develops a local BMP manual.

7. General Requirements

(a) Any person conducting the land-disturbance activity within the Beckley urban watershed shall install and maintain all temporary and permanent soil erosion and sedimentation control measures as required by the approved plan, by any provision of this subsection, by any order adopted pursuant to this section, or any provision of the West Virginia General Construction Stormwater NPDES permit. After site development, the landowner or person in possession or control of the land shall install and/or maintain all necessary permanent soil erosion and sedimentation control measures, except those installed within a road or street right-ofway or easement accepted for maintenance by a government agency.

(b) When sediment is transported onto a public road surface, the road shall be cleaned thoroughly at the end of each day. Sediment shall be removed from the roads by shoveling or sweeping and transported to a sediment control disposal area. Street washing shall be allowed only after sediment is removed in this manner.

(c) In general, no land disturbance activity shall be conducted within the city watershed except in such manner that:

(1) Stripping of vegetation, regrading and other development activities shall be conducted so as to minimize erosion. Clearing and grubbing must be held to the minimum necessary for grading and equipment operation. Preconstruction vegetative ground cover shall not be destroyed, removed or disturbed more than twenty (20) calendar days prior to grading or earth moving. Construction must be sequenced to minimize the exposure time of cleared surface area.

(2) Neighboring persons and property shall be protected from damage or loss resulting from excessive storm water runoff, soil erosion or deposition upon private property or public streets of water transported silt and debris. Adjacent property owners shall be protected from land devaluation due to exposed bare banks.

(3) Erosion and sediment control measures must be in place and functional before earth moving operations begin, and must be constructed and maintained throughout the construction period.

(4) At each construction site, erosion prevention and sediment control best management practices shall be installed and maintained to prevent the deposit of soil and debris from graded surfaces onto public streets, into drainage channels or sewers, or onto adjoining land.

(5) At each construction site, good housekeeping/pollution prevention controls shall be in place to control pollution from material washout (concrete, paint, and other building materials), solid waste and sanitary waste facilities, and material and equipment storage areas.

(6) Concentrated flow areas, including all active storm sewer inlets, will need proper sediment control barriers in place to slow water runoff and control sediment—laden runoff.

(7) Property owners shall be responsible upon completion of land disturbing activities to leave slopes so that they will not erode. Such methods could include revegetation, mulching, matting, rip-rapping, or gunniting. Regardless of the method used, the objective will be to leave the site as erosion-free and maintenance-free as practicable.

(8) Whenever feasible, natural vegetation shall be retained, protected and supplemented.

(9) Soil stabilization shall begin within 7 days on areas of the site where construction activities have permanently or temporarily (for 21 days or more) ceased. Except once final grading has been completed on areas with grades of 8% or greater, soil stabilization techniques shall be implemented as soon as practicable. When snow cover causes delays, stabilization shall begin as soon as possible.

(10) A permanent vegetative cover shall be established on disturbed areas not otherwise permanently stabilized.

(11) To the extent necessary, sediment in runoff water must be trapped by the use of debris basins, sediment basins, silt traps or similar measures until the disturbed area is stabilized.

(12) All surface water flowing toward the construction area shall to the extent practicable be diverted by using berms, channels, or sediment traps as necessary.

(13) Erosion and sediment control measures shall be designed according to the size and slope of disturbed or drainage areas, to detain runoff and trap sediment.

(14) Muddy water to be pumped from excavation and work areas must be held in settling basins or treated by filtration prior to its discharge into storm sewers or surface waters where practicable.

(15) Sediment basins (debris basins, desilting basins, or sediment traps) shall be installed during initial grading at locations that will provide the best protection from off-site damages. The basins shall be designed to limit shortcircuiting, maximize the removal of suspended sediments, and minimize maintenance

(16) A multi-purpose basin used for a sediment trap that is then converted to a detention/retention basin is encouraged if properly designed and located. This combination structure will need to be dredged periodically during construction activities and after stabilization in order to provide adequate storage. Waters from such a facility must be discharged through a pipe or lined channel so that the discharge does not cause erosion and sedimentation.

(17) Sediment removed from BMP measures should be placed in a stable area on site and properly managed to reduce the likelihood of resuspension and discharge offsite.

(18) A specific and qualified individual shall be designated to be responsible for erosion and sediment controls on each site.

(19) There shall be no distinctly visible floating scum, oil or other matter contained in the storm water discharge. The storm water discharge must not cause an objectionable color contrast in the receiving water. The storm water discharge must result in no materials in concentrations sufficient to be hazardous or otherwise detrimental to humans, livestock, wildlife, plant life, or fish and aquatic life in the receiving stream.

(20) When the land disturbing activity is finished and stable, perennial vegetation has been established on all remaining exposed soil, the developer shall notify the Director of these facts and request termination of the permit issued under this section. The Director or his/her designated representative shall then inspect the site within twenty (20) days after receipt of such notice, and when advisable may require additional measures to stabilize the soil and prevent erosion. If such requirements are given by letter, the owner or

developer shall continue to be covered by the provisions of this section, until a request for termination of the permit has been accepted by the Director.

8. Self Inspection Requirements

(a) The site owner/operator or authorized representative responsible for maintenance shall perform or cause to be performed preventative inspection/maintenance of all completed best management practices to ensure proper functioning. These self inspections shall occur at minimum weekly and after every rainfall event of 1/2 inch or greater over a 24 hour period.

(b) Class I and Class II projects shall complete these inspections on self inspection forms supplied by the Director and keep a copy of inspection and any corrective actions on site during construction and archived for a period of 3 years after construction has been terminated.

(c) At the discretion of the Director in response to noncompliance with this section, he/she may require the site owner/operator to file copies of self inspections with the Sanitary Board

(d) At the discretion of the Director in response to noncompliance with this section, he/she may require weekly self inspections be performed by a Registered Professional Engineer. A Licensed Surveyor, or other person who, in the sole discretion of the Director, is qualified to make and certify such inspections.

(e) Structural BMPs should be maintained and/or replaced as necessary, under the guidelines of the maintenance requirements as set forth in the BMP manual.

(f) The Director may halt construction activities on properties that do not provide satisfactory proof of compliance with this requirement.

9. Compliance Inspection Requirements and Enforcement

(a) Compliance inspections and inspection programs by the Sanitary Board may be conducted or established on any reasonable basis, including but not limited to routine inspections; random inspection; inspections based upon complaints or other notice of possible violations; and joint inspections with other agencies inspecting under environmental or safety laws during or post construction. Inspections may include, but are not limited to, compliance checks of the approved plan and the grading and stormwater permit,

reviewing for compliance with the standards of the BMP or Design Manual, reviewing land disturbing activity and plan effectiveness, reviewing maintenance and repair records; sampling discharges, surface water, groundwater, and material or water in BMPs; and evaluating the condition of BMPs. Notice of the right to inspect shall be included in the approval of each permit application.

(b) BSB shall have the power to conduct an investigation as it may reasonably deem necessary to carry out its duties as prescribed in these regulations and section 9-601, 9-608 and 9-611of City of Beckley Code and, for this purpose, to enter at reasonable times upon any property, public or private, for the purpose of investigating and inspecting the sites of any activity regulated in this section. The Board's compliance inspections to evaluate the structural and nonstructural erosion and sediment controls upon the site shall be made in accordance with the Inspection Checklist attached at Exhibit A and incorporated into these regulations. Following a finding of non-compliance, the Director may act to sanction the offending owner/operator.

(c) No person shall refuse entry or otherwise obstruct, hamper or interfere with the Director or his/her designated representative in the performance of duties described in this regulation and the Beckley City Code. If the Director or his/her designated representative is refused site access for purposes of a compliance inspection, or if the Director finds in his/her sole judgment, a noncompliant condition upon the site, the Director may employ all or any authorized sanctions, including, but not limited to, those listed below. For enforcement purposes, the site owner and operator shall be considered responsible parties. Enforcement actions resulting from a violation of these regulations may be taken against both or either party. Sanctions available to the Director include:

(1) Criminal and civil sanctions, as authorized by ordinance and/or statute

(2) Referral to State and/or Federal authorities for further enforcement actions.

(3) Withdrawal of permit or license issued by the City of Beckley authorizing the construction, land disturbance or landfilling activity.

(4) Conduct and maintenance of a remedial project by the Beckley Sanitary Board. Costs of these remedial activities shall be the responsibility of the non-compliant permit holder, and may be recovered, if necessary, in a civil action.

(5) Identify points of discharge of stormwater from site and install BMPs to protect receiving streams from pollution and/or erosion.

(6) Install BMPs to prevent or treat contamination or surface water runoff by pH modifying sources.

d The Director may access and copy inspection reports and other required documentation, require written statements, or filing of reports under oath, with respect to pertinent questions relating to activities under this section.

e. The Board's inspection/enforcement protocol is based on an escalation of penalties. As a general guideline, and at the sole discretion of the Director, the steps of enforcement may be:

(1) Verbal warning

(2) Written Warning

(3) Issuance of Notice of Violation with timeline for corrective action

(4) Second Issuance of Notice of Violation and at the discretion of the Director sanctions as described in paragraph 9(c) above.

In the event, the Director or his/her representative can document immediate harm to the health and welfare of the public; adjoining properties, the storm sewers or waters of the City watershed, the Director is empowered to take all steps necessary to immediately mitigate the circumstances contributing to the problem.

10. The local requirements contained herein do not preclude the project owner and operator from compliance with environmental requirements promulgated by federal or state statute or regulation, including, but not limited to the WV Construction Stormwater General NPDES Permit.

11. Upon request of the landowner or operator, the Beckley Sanitary Board shall make one assistance visit to a construction site. No sanctions shall arise from this assistance visit.

12. *Existing unstabilized sites*

a. All previously unpermitted land disturbance or landfilling activities conducted prior to the effective date of these regulations that cause or are subject to continued accelerated erosion, and are causing off-site damage from sedimentation, shall be provided with a ground cover or other protective stabilization measures, structures, or devices sufficient to restrain accelerated erosion and control off-site sedimentation.

b. The Director shall serve upon the landowner or other person in possession or control of the land a written notice. The notice to comply shall be sent by registered or certified mail, return receipt requested, or other appropriate means. The notice will set forth the measures needed to comply and will state the time within which such measures must be completed. In determining the measures required and the time allowed for compliance, the Director shall take into consideration the economic feasibility, technology, and quantity of work required, and shall set reasonable and attainable time limits of compliance.

c. The Director may require preparation and approval of an erosion control plan in any instance wherein extensive control measures are required.

d. No fee shall apply to work required under this subsection.

e. Should the landowner and/or responsible be unresponsive, the Director may initiate sanction procedures described in paragraph 9(c) above.

13. All information collected as part of these regulations, including permit applications, erosion and sediment control plans, SWPPP plans, self inspection and compliance inspection reports, is public information, as such the Director:

a. Must, upon request and pursuant to statute provide the requested information to the public.

b. May compile site specific, operator/contractor specific and program specific information to report to appropriate state and federal authorities.

c. May publish site specific and operator/contractor specific information in reports to the general public.

14. Cost of clean-up by City:

If BSB must clean-up off-site sedimentation or mitigate other erosion related to public safety and environmental hazards, the landowner and/or person in violation will be charged for the cost of the cleanup in addition to the civil penalty. The cleanup cost shall include personnel wages, equipment usage, and related administrative overhead. If the violator does not pay for the cleanup cost, revoked permits shall not be reissued and a lien shall be placed on the violator's property until the cost is recouped by the City. The City may require a person who engaged in a land-disturbance or landfill activity and who has failed to retain sediment generated by the activity, as required by these regulations, to repair storm sewer facilities and restore waters and land affected by the failure so as to minimize the detrimental effects of the resulting pollution by sedimentation. This authority is in addition to any other civil or criminal penalty or injunctive relief.

Appendix C. Construction Site Inspection Form

Construction Site Inspection Report

General Information

Project Name:

Inspection Location:

Date of Inspection:

Inspector's Name:

Inspector's Title:

Inspector Contact Information

Inspector's Qualifications

Decribe present phase of construction

Type of Inspection

☐ Regular Weekly ☐ Pre-Storm Event ☐ During Storm Event ☐ After Storm event of 0.25 inch or more

Weather Information

Has there been a storm event since the last inspection? ☐ Yes ☐No

If yes: Storm Start Date and Time: Storm Duration (hrs) Approximate Amount of Precipitation (in)

Weather At Time of Inspection

☐ Clear ☐ Cloudy ☐Light Rain ☐ Heavy Rain ☐ Sleet ☐ Snow ☐ Frozen Ground ☐ High Winds

☐ Other:

Is there evidence of sediment or other pollutant discharges since the last inspection? ☐ Yes ☐No

If yes, describe:

Are there any sediment or other polutants discharges occuring at the time of inspection? ☐ Yes ☐No

If yes, describe:

Site Specific ESCs: Number the structural and vegetative Erosion and Sediment Controls (ESCs) identified on the plans and list them below (add as many ESCs as necessary). Describe corrective action initiated and date completed.

#	ESC Type (Describe)	ESC Installed		Maintenance Required?		Corrective Action Needed and Notes
1		☐Yes	☐No	☐Yes	☐No	
2		☐Yes	☐No	☐Yes	☐No	
3		☐Yes	☐No	☐Yes	☐No	
4		☐Yes	☐No	☐Yes	☐No	
5		☐Yes	☐No	☐Yes	☐No	
6		☐Yes	☐No	☐Yes	☐No	
7		☐Yes	☐No	☐Yes	☐No	
8		☐Yes	☐No	☐Yes	☐No	
9		☐Yes	☐No	☐Yes	☐No	
10		☐Yes	☐No	☐Yes	☐No	
11		☐Yes	☐No	☐Yes	☐No	
12		☐Yes	☐No	☐Yes	☐No	
13		☐Yes	☐No	☐Yes	☐No	
14		☐Yes	☐No	☐Yes	☐No	
15		☐Yes	☐No	☐Yes	☐No	

Overall Site Issues:

Construction Site Inspection Report

ESC or Activity On Construction Site	Is the ESC Implemented	Maintenance Required	Corrective Actions Needed and Notes - Include Notes on any Noncompliance Issues
Is construction sequencing/phasing being followed?	☐Yes ☐No	☐Yes ☐No	
Are all slopes and disturbed areas not actively being worked on properly stabilized?	☐Yes ☐No ☐NA	☐Yes ☐No	
Are streams, wetlands, mature trees and resource areas protected with barriers or other ESCs?	☐Yes ☐No ☐NA	☐Yes ☐No	
Are perimeter controls and sediment barriers adequately installed (staked, trenched, etc.) and maintained?	☐Yes ☐No ☐NA	☐Yes ☐No	
Are site runoff discharges and receiving water free of sediment deposits?	☐Yes ☐No ☐NA	☐Yes ☐No	
Are storm drain inlets properly protected?	☐Yes ☐No ☐NA	☐Yes ☐No	
Is the construction exit preventing sediment from being tacked into the street?	☐Yes ☐No ☐NA	☐Yes ☐No	
Is scrap/trash/litter from the site collected and placed in covered containers?	☐Yes ☐No ☐NA	☐Yes ☐No	
Are washout facilities (eg paint, stucco, concrete) available, clearly marked and maintained?	☐Yes ☐No ☐NA	☐Yes ☐No	
Are fueling, cleaning and maintenance areas free of spills and leaks?	☐Yes ☐No ☐NA	☐Yes ☐No	
Are materials with polluted runoff potential stored inside or under cover?	☐Yes ☐No ☐NA	☐Yes ☐No	
Are non stormwater discharges (eg wash water, dewatering trenches) properly controlled?	☐Yes ☐No ☐NA	☐Yes ☐No	
Other:	☐Yes ☐No	☐Yes ☐No	
Photos Attached:			☐Yes ☐No

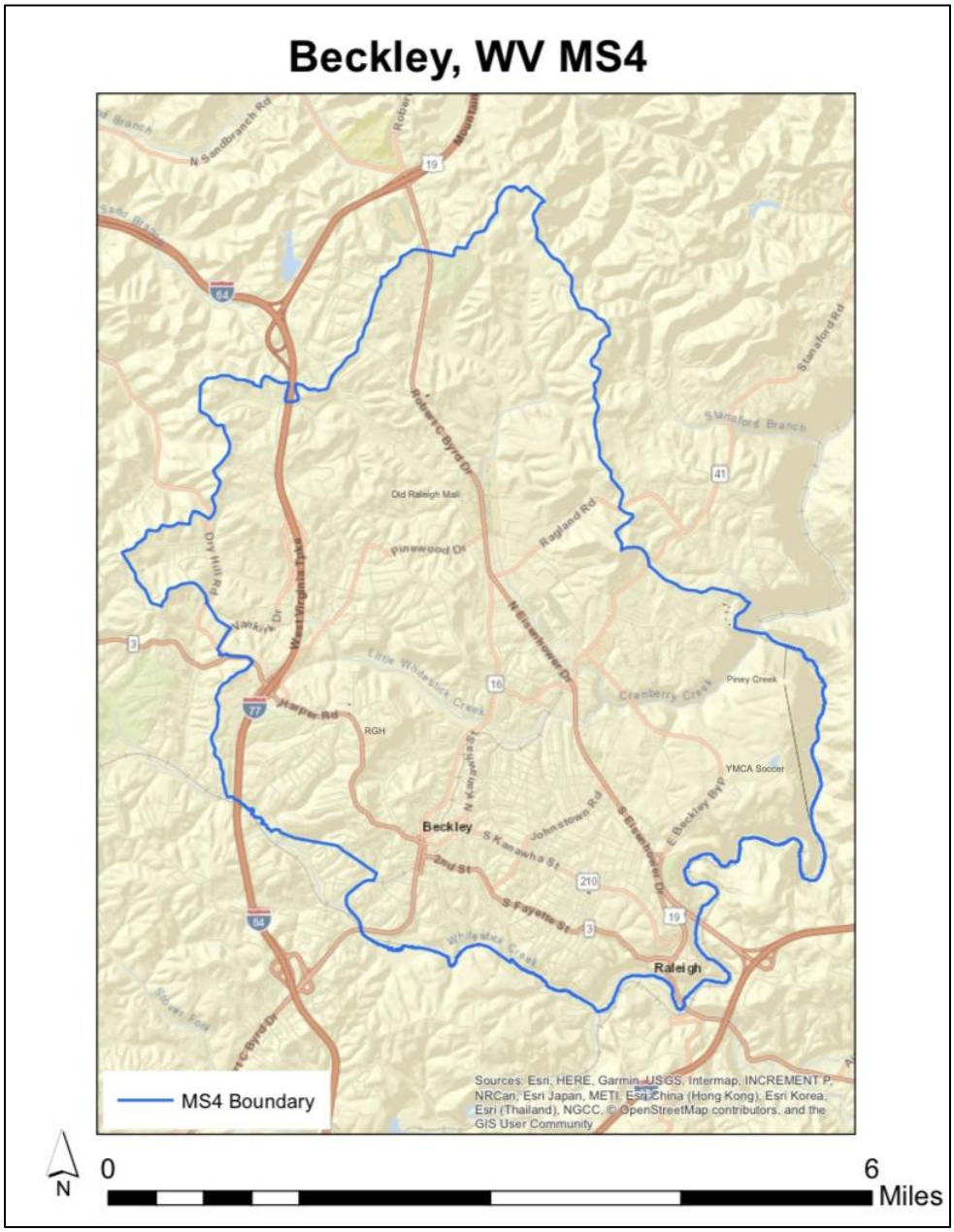
CERTIFICATION STATEMENT: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the 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 signficant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print Name and Title:

Signature: **Date:**

Appendix D. Stormwater Public Complaint Tracker Template.

Produced as an appendix in the MS4 General Permit Number WV0116025, Page 49.

Public Report or Complaint				Investigation and Resolution		
Incident ID	Date Received	Reported By	Summary of Complaint / Report	Assigned To	Summary of Findings / Resolution	Closure Date

Appendix E. Beckley MS4 System Map