Pennsylvania
Department of
Environmental Protection

August 17, 2026

VIA EMAIL: eric.hershey@rutters.com

Mr. Tim Bieber
M&G Realty Inc.
2295 N Susquehanna Trail
York, PA 17404-8495

Re: Final Individual NPDES Permit
Rutters Huntingdon Store #93
NPDES Permit No. PAD310013 A-2
Authorization ID No. 1567404
Smithfield Township, Huntingdon County

Dear Mr. Bieber:

Your Individual NPDES permit amendment for Discharges of Stormwater Associated with Construction Activities is enclosed. **Please review the permit carefully and contact this office if you have any questions**.

The latest versions of the application and its supporting documents, including the Erosion and Sediment Control (E&S) Plan and Post-Construction Stormwater Management (PCSM) Plan, are incorporated into this approval, including the following plan drawings:

- The E&S Plan drawings, for Rutters Huntingdon Store #93, dated June 6, 2024 and last revised July 1, 2026.

- The PCSM Plan drawings for Rutters Huntingdon Store #93, dated dated June 6, 2024 and last revised July 1, 2026.

Your permit, which has been assigned NPDES Permit No. PAD310013 A-2, is effective on **August 17, 2026** and will expire on **January 30, 2029**. **If stormwater discharges associated with construction activities are expected to continue beyond the expiration date of the permit, you must apply to renew your permit at least 180 days prior to the expiration date, unless otherwise approved by DEP**.

Prior to commencing earth disturbance activities resulting in stormwater discharges you must complete all of the following:

1. You must obtain all other state and local permits.

2. You must record a legal instrument disclosing planned PCSM stormwater control measures (SCMs) on applicable properties with the Recorder of Deeds and receive written authorization from the Huntingdon County Conservation District (District) prior to scheduling the pre-construction meeting.

3. You must hold a pre-construction meeting unless waived by the District, in writing.

You must record the following information with the Recorder of Deeds Office and submit the information recorded as well as proof of recording to the District or within 45 days of the date of the letter:

- An instrument that is consistent with DEP's Sample Instrument for the Declaration of Restrictions and Covenants, available on DEP's website (visit www.dep.pa.gov/constructionstormwater and select E&S Resources).

- Approved PCSM Plan Drawing(s) identifying stormwater control measures (SCMs) or other documentation that identifies the location of the SCMs on the relevant properties; the planned size (length, width, depth) of the SCMs; depictions of the inlet and outlet structures of the SCMs, as applicable; construction materials and media, as applicable; and the planned vegetation for the SCMs, as applicable.

- Long-Term Operation & Maintenance (O&M) Plans for the SCMs, if separate from PCSM Plan Drawings.

You will need to visit DEP's website to download and use the following forms throughout your term of permit coverage. Go to www.dep.pa.gov/constructionstormwater, select E&S Resources, and click on the links under "Published Forms."

- **Visual Site Inspection Report (3800-FM-BCW0271d)** – You must use this report or an alternative document or electronic form that collects and retains identical information to document self-inspections of your project site. Inspections must occur weekly, following storm events of at least 0.25 inch or snowmelt that causes a discharge, and in response to deficiencies. You must maintain these reports on-site and submit the reports upon request.

- **New Property Owner Notification Form (3800-FM-BCW0271i)** – If you sell property within your project site that contains a PCSM SCM, you must submit this form to the District within 30 days of the date of the sale.

- **SCM Construction Certification Form (3800-FM-BCW0271j)** – You must submit this form to the District within 30 days of the completion of any structural PCSM SCM, as determined by a licensed professional. The permittee and licensed professional responsible for oversight of critical stages of SCM construction must sign the form.

- **Annual Report (3800-PM-BCW0405e)** – You must submit the annual report by December 7 of each year; your first report is due 2027.

- **Notice of Termination (NOT) (3800-PM-BCW0229b)** – You must submit the NOT following installation of erosion and sediment control (E&S) best management practices (BMPs) and PCSM SCMs; permanent stabilization of earth disturbance activities; and removal of temporary E&S BMPs.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
310 Piatt Place
301 5th Avenue
Pittsburgh, PA 15222

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at https://ehb.pa.gov or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

If you have any questions, please contact Nathan Phillips, P.E. at 717.705.4798 and refer to Permit No. PAD310013 A-2.

Sincerely,

Scott R. Williamson

Digitally signed by Scott R. Williamson
Date: 2026.08.17 15:44:32 -04'00'

Scott R. Williamson
Environmental Program Manager
Waterways and Wetlands Program

Enclosures

cc: Ben Piper, Keller Engineers, Inc.
Huntingdon County Conservation District

Pennsylvania Department of Environmental Protection

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM INDIVIDUAL PERMIT FOR DISCHARGES OF STORMWATER ASSOCIATED WITH CONSTRUCTION ACTIVITIES

NPDES PERMIT NO: PAD310013
Amendment No. 2

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

M&G Realty Inc.
2295 N Susquehanna Trail, Suite C
York, PA 17404-8495

is authorized to discharge from a facility known as Rutters Huntingdon Store #93, located in Smithfield Township, Huntingdon County, to Unnamed Tributary to Juniata River (WWF, MF) and EV Wetlands in accordance with the effluent limitations, monitoring and reporting requirements, best management practices (BMPs), stormwater control measures (SCMs) and other conditions set forth in Parts A, B, and C herein.

THIS PERMIT SHALL BECOME EFFECTIVE ON AUGUST 17, 2026

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON JANUARY 30, 2029

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.

2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))

3. A complete application for renewal of this permit or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d))

   In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code §§ 92a.7(b), (c))

DATE PERMIT ISSUED January 31, 2024

DATE PERMIT AMENDMENT ISSUED August 17, 2026

ISSUED BY Scott R. Williamson

Digitally signed by Scott R. Williamson
Date: 2026.08.17 15:36:00 -04'00'

Scott R. Williamson
Environmental Program Manager
Southcentral Regional Office

PART A

EFFLUENT LIMITATIONS, MONITORING AND REPORTING REQUIREMENTS

I. DEFINITIONS

Antidegradation Best Available Combination of Technologies (ABACT) means environmentally sound and cost-effective treatment, land disposal, pollution prevention and stormwater re-use BMPs that individually or collectively manage the difference in the net change in stormwater volume, rate, and quality for storm events up to and including the 2 year/24 hour storm when compared to the stormwater rate, volume, and quality prior to the earth disturbance activities to maintain and protect the existing quality of the receiving surface waters of this Commonwealth. (25 Pa. Code § 102.1)

Accelerated Erosion means the removal of the surface of the land through the combined action of human activities and the natural processes, at a rate greater than would occur because of the natural process alone. (25 Pa. Code § 102.1)

Best Management Practices (BMPs) means activities, facilities, measures, planning, or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters of this Commonwealth before, during, and after earth disturbance activities. (25 Pa. Code § 102.1)

Clean Fill means uncontaminated, nonwater-soluble, nondecomposable, inert solid material used to level an area or bring an area to grade. The term does not include materials placed in or on the waters of the Commonwealth. Although the placement of clean fill in or on waters of the Commonwealth cannot be managed under this policy, placement of clean fill in or on waters of the Commonwealth may be approved under a separate DEP authorization. The term includes only those materials that are identified as "fill," as the term is defined in this policy. The term does not include fill that has been blended, mixed or treated with the purpose of meeting the definition of "clean fill" and that without being blended, mixed or treated would fail to meet the numeric limits identified in the definition of "uncontaminated material" contained in DEP's Management of Fill Policy (DEP ID No. 258-2182-773).

Clean Streams Law means the Act of June 22, 1937, P.L. 1987, No. 394, as amended. (35 P.S. §§ 691.1--691.1001)

Clean Water Act means the Federal Water Pollution Control Act, as amended. (33 U.S.C.A. §§ 1251--1387)

Combined Sewer System means a sewer system that has been designed to serve as both a sanitary sewer and a storm sewer. (25 Pa. Code § 92a.2)

Co-Permittee means a person identified on the Authorization to Discharge page of this permit as responsible for the discharges of stormwater associated with construction activity who is jointly and individually responsible together with the permittee for compliance with all terms and conditions of this permit and applicable laws.

County Conservation District (CCD) means a conservation district, as defined in Section 3(c) of the Conservation District Law (3 P.S. § 851(c)), which has the authority under a delegation agreement executed with DEP to administer and enforce all or a portion of the erosion, sediment, and stormwater management program in this Commonwealth. (25 Pa. Code § 102.1)

Critical Stages means the installation of underground treatment BMPs, structurally engineered BMPs, or other BMPs or components thereof as deemed appropriate by DEP or a CCD and that require the oversight of a licensed professional or designee.

DEP means the Department of Environmental Protection.

Designated uses means those uses specified in 25 Pa. Code §§ 93.4(a) and 93.9a--93.9z for each water body or segment, whether or not they are being attained, to be achieved as part of Pennsylvania's water quality standards. (25 Pa. Code § 93.1)

Designee means a licensed professional as defined in this permit or someone acting on behalf of a licensed professional who has knowledge, skill, experience, training and education in the field of engineering, landscape

architecture, geology, or land surveying that is beyond that possessed by a layperson and upon which a licensed professional can rely upon to provide oversight of critical stages of PCSM Plan implementation. A designee must be independent from the operator co-permittee(s) responsible for the construction or installation of SCMs on a project site.

Dewatering means the act of draining accumulated stormwater and/or groundwater from building foundations, vaults, and trenches, or other similar points of accumulation.

Disturbed area means unstabilized land area where an earth disturbance activity is occurring or has occurred. (25 Pa. Code § 102.1)

Earth Disturbance Activity means a construction or other human activity which disturbs the surface of the land, including land clearing and grubbing, grading, excavations, embankments, land development, agricultural plowing or tilling, operation of animal heavy use areas, timber harvesting activities, road maintenance activities, oil and gas activities, well drilling, mineral extraction, and the moving, depositing, stockpiling, or storing of soil, rock, or earth materials. (25 Pa. Code § 102.1)

Environmental Due Diligence means investigative techniques, including visual property inspections, electronic database searches, review of ownership and use history of property, Sanborn maps, environmental questionnaires, transaction screens, analytical testing, and environmental assessments or audits.

EPA means the United States Environmental Protection Agency.

Erosion means the natural process by which the surface of the land is worn away by water, wind, or chemical action. (25 Pa. Code § 102.1)

Erosion and Sediment Control Plan (E&S Plan) – A site-specific plan consisting of both drawings and a narrative that identifies BMPs to minimize accelerated erosion and sedimentation before, during, and after earth disturbance activities. (25 Pa. Code § 102.1)

Exceptional Value Waters means surface waters of high quality which satisfy 25 Pa. Code § 93.4b(b) (relating to antidegradation). (25 Pa. Code § 93.1)

Existing uses means those uses actually attained in the water body on or after November 28, 1975, whether or not they are included in Pennsylvania's water quality standards. (25 Pa. Code § 93.1)

Fill means clean, regulated and historic fill that is soil, rock, stone, gravel, used asphalt, brick, block or concrete from construction and demolition activities that is separate from other waste and recognizable as such, and "dredged material," as the term is defined by the municipal and residual waste regulations, 25 Pa. Code §§ 271.1 and 287.1, whichever is applicable. The term does not include reclaimed asphalt pavement, naturally occurring asbestos, mine spoils or acid producing rock.

Impaired Waters means surface waters that fail to attain one or more of its designated uses under 25 Pa. Code Chapter 93 and is listed in Categories 4 and 5 of Pennsylvania's Integrated Report.

Integrated Water Quality Monitoring and Assessment Report (Integrated Report) means DEP's report on the conditions of Pennsylvania's surface waters to satisfy Sections 305(b) and 303(d) of the Clean Water Act when approved by EPA.

Intermittent stream means a body of water flowing in a channel or bed composed primarily of substrates associated with flowing water which, during periods of the year, is below the local water table and obtains its flow from both surface runoff and groundwater discharges. (25 Pa. Code § 102.1)

High Quality Waters means surface waters having quality which exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water by satisfying 25 Pa. Code § 93.4b(a). (25 Pa. Code § 93.1)

Infiltration-based SCM means an SCM that principally functions by allowing stormwater to infiltrate through the bottom and/or sides of the SCM to the subsurface environment.

Licensed Professional means professional engineers, landscape architects, geologists, and land surveyors licensed to practice in the Commonwealth. (25 Pa. Code § 102.1)

Long-Term Operation and Maintenance (O&M) means the routine inspection, maintenance, repair, or replacement of a BMP to ensure proper function for the duration of time that the BMP is needed. (25 Pa. Code § 102.1)

Municipal Separate Storm Sewer System (MS4) means all separate storm sewers that are defined as "large" or "medium" or "small" municipal separate storm sewer systems pursuant to 40 CFR §§ 122.26(b)(4), (b)(7), and (b)(16), respectively, or designated under 40 CFR § 122.26(a)(1)(v). (25 Pa. Code § 92a.32(a) and 40 CFR § 122.26(b)(18))

Municipality means a county, city, borough, town, township, school district, institution, or authority, or another public body created by or pursuant to State Law. For the purposes of this definition, town includes an incorporated town. (25 Pa. Code § 102.1)

Notice of Termination (NOT) – A request, on a form provided by DEP, to terminate coverage under an NPDES Permit for Discharges of Stormwater Associated with Construction Activities. (25 Pa. Code § 102.1)

Non-discharge alternative – Environmentally sound and cost effective BMPs that individually or collectively eliminate the net change in stormwater volume, rate, and quality for stormwater events up to and including the 2-year/24-hour storm when compared to the stormwater rate, volume, and quality prior to the earth disturbance activities to maintain and protect the existing quality of the receiving surface waters of this Commonwealth. (25 Pa. Code § 102.1)

Non-Stormwater Discharges means discharges that do not originate from storm events, which may include, but are not limited to, discharges of air conditioner condensate, non-contact cooling water, pavement wash water, external building washdown, irrigation water, or uncontaminated ground water or spring water.

Off-Site Construction Support Activities or Off-Site Support Activities means activities providing support for construction and earth disturbance activities covered by this permit, including but not limited to concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas (spoil), borrow areas, stockpiling of topsoil, transfer of topsoil to other locations, and turnaround areas.

Operator or Operator Co-Permittee means a person who has one or more of the following: (i) oversight responsibility of earth disturbance activity on a project site or a portion thereof who has the ability to make modifications to the E&S Plan, PCSM Plan or site specifications, (ii) day-to-day operational control over earth disturbance activity on a project site or a portion thereof to ensure compliance with the E&S Plan or PCSM Plan. (25 Pa. Code § 102.1)

Owner means a person who holds the legal title to the land subject to construction activity. This term also includes the person who held legal title to the land subject to construction activity at the time such activity was commenced on a site.

PCSM SCM means an SCM that is designed and implemented to satisfy the requirements of 25 Pa. Code § 102.8(g).

Perennial stream means a body of water flowing in a channel or bed composed primarily of substrates associated with flowing waters and capable, in the absence of pollution or other manmade stream disturbances, of supporting a benthic macro-invertebrate community which is composed of two or more recognizable taxonomic groups of organisms which are large enough to be seen by the unaided eye and can be retained by a United States Standard No. 30 sieve (28 meshes per inch, 0.595 mm openings) and live at least part of their life cycles within or upon available substrates in a body of water or water transport system. (25 Pa. Code § 102.1)

Permittee means a person who has coverage under this permit.

Permanent Stabilization means long-term protection of soil and water resources from accelerated erosion. (25 Pa. Code § 102.1)

Person – Any operator, individual, public or private corporation, partnership, association, municipality or political subdivision of this Commonwealth, institution, authority, firm, trust, estate, receiver, guardian, personal

representative, successor, joint venture, joint stock company, fiduciary; Department, agency or instrumentality of state, federal, or local government, or an agent or employee thereof; or any other legal entity. Whenever used in any clause prescribing and imposing a penalty, or imposing a fine or imprisonment or both, the term "person" may not exclude the members of an association and the directors, officers, or agents of a corporation. (25 Pa. Code § 102.1)

Point Source means any discernable, confined, and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, Concentrated Aquatic Animal Production Facility (CAAP), Concentrated Animal Feeding Operation (CAFO), landfill leachate collection system, or vessel, or other floating craft, from which pollutants are or may be discharged. (25 Pa. Code § 92a.2)

Post-Construction Stormwater means stormwater associated with a project site after the earth disturbance activity has been completed and the project site is permanently stabilized.

Post-Construction Stormwater Management Plan (PCSM Plan) means a site-specific plan consisting of both drawings and a narrative that identifies BMPs to manage changes in stormwater runoff volume, rate, and water quality after earth disturbance activities have ended and the project site is permanently stabilized. (25 Pa. Code § 102.1)

Preparedness, Prevention, and Contingency Plan (PPC Plan) means a written plan that identifies an emergency response program, material and waste inventory, spill and leak prevention and response, inspection program, housekeeping program, security and external factors, and that is developed and implemented at the construction site to control potential discharges of pollutants other than sediment into waters of this Commonwealth. (25 Pa. Code § 102.1)

Project Site means the entire area of activity, development, lease, or sale including: (i) the area of the earth disturbance activity; (ii) the area planned for the earth disturbance activity; and (iii) Other areas which are not subject to earth disturbance activity. (25 Pa. Code § 102.1)

Record Drawings means drawings that wholly and accurately depict as-built conditions of a project site following completion of an earth disturbance activity including but not limited to land covers, structures, grades, and SCMs and components thereof.

Regulated Fill means fill that has been affected by release of a regulated substance and is not “uncontaminated material,” as the term is defined in DEP’s Management of Fill Policy (DEP ID No. 258-2182-773). The term does not include fill that has been blended, mixed or treated with the purpose of meeting the definition of “regulated fill” and that without being blended, mixed or treated would fail to meet the regulated fill concentration limits in DEP’s Management of Fill Policy.

Snowmelt means the conversion of snow into overland stormwater and ground water flow as a result of warmer temperatures.

Stabilization means the proper placing, grading, constructing, reinforcing, lining, and covering of soil, rock, or earth to ensure their resistance to erosion, sliding, or other movement. (25 Pa. Code § 102.1)

Stormwater means runoff from precipitation, snowmelt, surface runoff, and drainage. (25 Pa. Code § 102.1)

Stormwater Control Measure (SCM) means any natural feature or manmade structure designed or utilized to reduce or manage the volume, pollutant load, and/or the peak rate of stormwater runoff. SCMs are BMPs that are implemented to treat stormwater from impervious surfaces and/or post-construction stormwater.

Structural PCSM SCM means a PCSM SCM that is a manmade structure used to manage post-construction stormwater, including but not limited to infiltration-based SCMs.

Surface Waters means perennial and intermittent streams, rivers, lakes, reservoirs, ponds, wetlands, springs, natural seeps, and estuaries, excluding water at facilities approved for wastewater treatment such as wastewater treatment impoundments, cooling water ponds, and constructed wetlands used as part of a wastewater treatment process. (25 Pa. Code § 102.1)

Total Maximum Daily Load (TMDL) means the sum of the individual wasteload allocations for point sources, load allocations for nonpoint sources and natural quality, and a margin of safety expressed in terms of mass per time, toxicity, or other appropriate measures. (25 Pa. Code § 96.1)

Toxic Pollutant (Toxics) means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code § 92a.2)

Wasteload Allocation (WLA) means the portion of a surface water's loading capacity that is allocated to existing and future point source discharges. (25 Pa. Code § 96.1)

Waters of this Commonwealth means rivers, streams, creeks, rivulets, impoundments, ditches, watercourses, storm sewers, lakes, dammed water, wetlands, ponds, springs, and other bodies or channels of conveyance of surface and underground water, or parts thereof, whether natural or artificial, within or on the boundaries of this Commonwealth. (25 Pa. Code § 102.1)

Wetlands means areas that are inundated or saturated by surface water or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs, and similar areas. (25 Pa. Code § 105.1)

II. EFFLUENT LIMITATIONS

A. This permit establishes effluent limitations through the implementation of BMPs, including E&S BMPs and PCSM SCMs, to reduce the discharge of pollutants in stormwater discharges associated with construction activities. All stormwater discharges must comply with all applicable requirements established in accordance with 25 Pa. Code Chapters 91-96, 102, and 105 of DEP's rules and regulations. Permittees must implement BMPs exceeding those identified in approved E&S and PCSM Plans to protect and maintain water quality when notified in writing to do so by DEP/CCD.

B. BMPs and SCMs.

1. The permittee must design, install, and maintain E&S BMPs and PCSM SCMs, as identified in the approved E&S and PCSM Plans, respectively, to minimize the discharge of pollutants. At a minimum, such BMPs and SCMs must be designed, installed, and maintained to: (25 Pa. Code § 102.11(c) and 40 CFR § 450.22(c))

   a. Control stormwater volume and velocity to minimize soil erosion in order to minimize pollutant discharges.

   b. Control stormwater discharges, including both peak flow rates and total stormwater volume, to minimize channel and streambank erosion and scour in the immediate vicinity of discharge points.

   c. Minimize the amount of soil exposed during construction activity.

   d. Minimize the disturbance of slopes exceeding 15%.

   e. Minimize sediment discharges from the site. The design, installation and maintenance of E&S BMPs must address factors such as the amount, frequency, intensity and duration of precipitation, the nature of resulting stormwater runoff, and soil characteristics, including the range of soil particle sizes expected to be present on the site.

   f. Provide and maintain natural buffers around surface waters of the Commonwealth, direct stormwater to vegetated areas and maximize stormwater infiltration to reduce pollutant discharges, unless infeasible.

g. Avoid or minimize soil compaction in all areas where SCMs utilizing infiltration to manage stormwater is proposed. If the areas planned for infiltration SCMs are compromised through compaction or other means, the permittee must conduct soil testing to verify that the SCM will perform as designed and implement measures to decompact the soils, as applicable.

h. Preserve topsoil unless the intended function of a specific area of the project site dictates that the topsoil be disturbed or removed.

2. Site Stabilization. (25 Pa. Code § 102.22)

a. Temporary Stabilization.

(i) Upon temporary cessation of an earth disturbance activity or any stage or phase of an activity where a cessation of earth disturbance activities will exceed four (4) days, the site must be immediately seeded, mulched, or otherwise protected from accelerated erosion and sedimentation pending future earth disturbance activities.

(ii) For an earth disturbance activity or any stage or phase of an activity to be considered temporarily stabilized, the disturbed areas must be covered with one of the following:

(1) A minimum uniform coverage of mulch and seed, with a density capable of resisting accelerated erosion and sedimentation.

(2) An acceptable BMP which temporarily minimizes accelerated erosion and sedimentation.

b. Permanent Stabilization – Upon final completion of an earth disturbance activity or any stage or phase of an activity, the site must immediately have topsoil restored, replaced, or amended, seeded, mulched or otherwise permanently stabilized and protected from accelerated erosion and sedimentation.

(i) E&S BMPs must be implemented and maintained until the permanent stabilization is completed. Once permanent stabilization has been established, the temporary E&S BMPs must be removed or converted to PCSM SCMs. Any areas disturbed in the act of removing temporary E&S BMPs must be permanently stabilized upon completion of the temporary E&S BMP removal or conversion activity.

(ii) For an earth disturbance activity or any stage or phase of an activity to be considered permanently stabilized, the disturbed areas must be covered with one of the following:

(1) A minimum uniform 70% perennial vegetative cover, with a density capable of resisting accelerated erosion and sedimentation.

(2) An acceptable BMP which permanently minimizes accelerated erosion and sedimentation.

c. The permittee may not utilize seed mixtures containing invasive species or species that may be harmful to native plant communities.

3. Discharges from dewatering activities, including discharges from dewatering of trenches and excavations, are prohibited unless managed as follows: (25 Pa. Code § 102.11(c) and 40 CFR § 450.22(e))

a. The permittee must utilize upland vegetated areas of the project site to infiltrate construction dewatering water prior to discharge, to the extent feasible.

b. For construction dewatering water that cannot be infiltrated in accordance with paragraph 3.a, above, construction dewatering water must be treated by an approved series of two or more BMPs prior to discharge to surface waters to reduce discharges with visual turbidity, unless the permittee can document that the outflow from a single BMP will achieve a turbidity of 50 Nephelometric Turbidity Units (NTUs) or less and receives written approval from DEP/CCD.

c. The permittee must notify in writing DEP/CCD at least seven (7) days prior to discharges if the permittee has reason to believe that dewatering water may contain pollutants other than sediment.

The permittee must collect sample(s) of the dewatering water and analyze the water for the pollutants specified by DEP/CCD when notified by DEP/CCD in writing. If the dewatering water is found by the permittee or DEP/CCD to contain concentrations of pollutants exceeding numeric water quality criteria under Chapter 93 or may otherwise adversely affect surface waters, DEP/CCD may require the permittee to cease discharging and submit an application for an individual permit.

d. The permittee must use an oil-water separator or suitable filtration device that is designed to remove oil, grease, or other products if dewatering water is found to contain those materials.

e. The permittee must collect and dispose of materials and substances collected by filtration devices and backwash from these devices off-site unless otherwise authorized by DEP/CCD.

4. The permittee must design, install, implement, and maintain effective pollution prevention measures to minimize the discharge of pollutants. At a minimum, such measures must be designed, installed, implemented, and maintained to: (25 Pa. Code § 102.11(c) and 40 CFR § 450.22(f))

a. Prevent the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters. Wash waters must be treated or otherwise controlled prior to discharge.

b. Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials present on the project site to precipitation and to stormwater. Minimization of exposure is not required in cases where the exposure to precipitation and to stormwater will not result in a discharge of pollutants, or where exposure of a specific material or product poses little risk of stormwater contamination (such as final products and materials intended for outdoor use).

c. Prevent the discharge of pollutants from spills and leaks and implement chemical spill and leak prevention and response procedures. The permittee must prepare and implement a Preparedness, Prevention, and Contingency (PPC) Plan when storing, using, or transporting materials including: fuels, chemicals, solvents, pesticides, fertilizers, lime, petrochemicals, wastewater, wash water, core drilling wastewater, cement, sanitary wastes, solid wastes, or hazardous materials onto, on, or from the project site during earth disturbance activities. The PPC Plan must be available upon request by DEP/CCD. (25 Pa. Code § 102.5(l))

5. The permittee may not discharge the following:

a. Wastewater from washout of concrete. (25 Pa. Code § 102.11(c))

b. Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials. (25 Pa. Code § 102.11(c))Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance. (25 Pa. Code § 102.11(c))

d. Soaps or solvents used in vehicle and equipment washing. (25 Pa. Code § 102.11(c))

e. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water, and foam or substances that produce an observable change in the color, taste, odor or turbidity of the receiving water. (25 Pa. Code § 92a.41(c))

f. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa. Code § 93.6(a))

6. The permittee shall utilize outlet structures that withdraw water from the surface when discharging from basins and impoundments, unless infeasible. (25 Pa. Code § 102.11(c) and 40 CFR § 450.22(h))

III. MONITORING, REPORTING, AND RECORDKEEPING

A. When stormwater samples are collected and analyzed or measurements are taken under this permit, the permittee must ensure:

1. Samples and measurements taken for the purpose of monitoring are representative of the monitored activity. (25 Pa. Code § 92a.3(c) and 40 CFR § 122.41(j)(1))

2. Records of monitoring information includes: (25 Pa. Code § 92a.3(c) and 40 CFR § 122.41(j)(3))

   a. The date, exact place, and time of sampling or measurements.
   b. The individual(s) who performed the sampling or measurements.
   c. The date(s) analyses were performed.
   d. The individual(s) who performed the analyses.
   e. The analytical techniques or methods used.
   f. The results of such analyses.

3. Monitoring is conducted according to test procedures approved under 40 CFR Part 136 unless another method is required under 40 CFR Subchapters N or O. (25 Pa. Code § 92a.3(c) and 40 CFR § 122.41(j)(4))

4. Sampling and analysis of samples meet proper quality assurance and quality control (QA/QC) procedures. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(i) and 40 CFR §§ 122.41(e), 122.41(i)(3), 122.41(i)(4))

B. Records Retention.

1. The permittee must retain all records of monitoring activities and results, copies of all plans and reports required by this permit, and records of all data used to complete the application for this permit for at least three (3) years from the date of the Notice of Termination (NOT) approval. The permittee must submit such records to DEP/CCD or EPA upon request. (25 Pa. Code § 92a.3(c) and 40 CFR § 122.41(j)(2))

2. The permittee must retain a physical or electronic copy of the following documents on-site during earth disturbance activities at all times, and must make this information available for review and inspection by DEP/CCD or EPA during all stages of the earth disturbance activity: this permit, the application submitted for permit coverage, all attachments to the application, and the E&S Plan, PCSM Plan, and PPC Plan, as applicable.

C. Inspection and Oversight Requirements. (25 Pa. Code § 102.4(b)(5)(x))

1. Site Inspections – The permittee must conduct visual site inspections throughout the duration of construction and until the NOT has been approved by DEP/CCD (unless otherwise approved in writing by DEP/CCD), at the following frequencies:

   - Routine Inspections must be conducted weekly.
   - Post-Storm Event Inspections must be conducted within 24 hours after the conclusion of each measurable storm event (i.e., precipitation in an amount of 0.25 inch or greater over a 24-hour period) or the occurrence of snowmelt sufficient to cause a discharge.
   - Corrective Action Inspections must be conducted anytime the permittee observes a deficiency in implementation of the E&S or PCSM Plans.

   a. The permittee must document each site inspection on DEP's Chapter 102 Visual Site Inspection Report (3800-FM-BCW0271d) or alternative document or electronic form that collects and retains identical information. All requested information on the Visual Site Inspection Report must be completed as instructed. The permittee must take color photographs of E&S BMPs and PCSM SCMs on the project site at least monthly, unless otherwise approved in writing by DEP/CCD, and when deficiencies in BMPs and SCMs are identified. The photographs must have a date and time stamp and be made available for DEP/CCD review upon request.

   b. The permittee must make Visual Site Inspection Reports available upon request during inspections, submit and provide copies of Visual Site Inspection Reports to DEP/CCD upon request, and submit

Visual Site Inspection Reports to DEP/CCD as part of the notification requirements identified in Paragraph III.D.3, below.

c. Effective December 8, 2025, site inspections must be performed and Visual Site Inspection Reports must be completed by qualified personnel that are trained and experienced in E&S BMP and PCSM SCM construction, function, and maintenance and are familiar with the E&S and PCSM Plans for the project site. A person is qualified when one or more of the following conditions are satisfied:

(i) They have completed the Qualified Site Inspector Training Program in DEP's Clean Water Academy initially and every two years thereafter;

(ii) They hold active certification as a Certified Professional in Erosion and Sediment Control (CPESC) or as a Certified Erosion, Sediment, and Stormwater Inspector (CESSWI) from a recognized organization; or

(iii) They can demonstrate to the satisfaction of DEP/CCD that they have qualifications equivalent to or exceeding those identified in Paragraphs (i) or (ii). If this option is selected, the person must submit documentation of their training and experience to DEP/CCD and receive written approval from DEP/CCD prior to conducting site inspections, unless waived by DEP/CCD.

For site inspectors satisfying Paragraph (i) or (ii), the permittee must provide documentation (e.g., completion certificate) of the inspector's qualifications upon the request of DEP/CCD.

d. To determine if a storm event of 0.25 inch or greater has occurred on a project site, the permittee must either maintain a rain gauge on-site or obtain storm event information from a weather station that is representative of the project site location.

2. Licensed Professional Oversight of Critical Stages (25 Pa. Code § 102.8(k))

a. The permittee must ensure that a licensed professional or a designee is present on-site and is responsible for oversight of critical stages of implementation of approved PCSM SCMs, unless the project meets the requirements of 25 Pa. Code § 102.8(n) and does not include PCSM SCMs. The critical stages that must receive licensed professional oversight are identified in the approved PCSM Plan.

b. The permittee must document the implementation of each structural PCSM SCM using DEP's SCM Construction Certification Form (3800-FM-BCW0271j) and submit the completed form to DEP/CCD within 30 days of the completion of SCM construction, as determined by a licensed professional. The form must be signed by the licensed professional responsible for oversight of critical stages.

D. Reporting and Fee Requirements.

1. Annual Report.

a. The permittee shall submit a complete Annual Report to the Huntingdon County Conservation District (District) by December 7 each year using DEP's Annual Report template (3800-PM-BCW0405e). The Annual Report must address activities under this permit for the reporting period of October 1 – September 30.

b. The first annual report is due on the first instance of December 7 one year following the effective date of the new or renewed permit, and shall cover activities during the period from permit issuance to the due date. Following the first annual report, the reporting period shall thereafter be October 1 – September 30, and the report shall be due by December 7.

c. The permittee must submit the Annual Report to DEP/CCD in electronic format upon receipt of written notification from DEP/CCD.

2. Annual Fee. (25 Pa. Code § 92a.62)

a. Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. As of the effective date of this permit, the facility covered by the permit is classified in the **Chapter 102 Individual NPDES Permit** fee category, which has an annual fee of **$500**.

b. Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. In the event that an invoice is not received, the permittee is nonetheless responsible for payment. Permittees may contact DEP's Bureau of Clean Water at 717-787-6744 with questions related to annual fees. The fee identified above is subject to change if DEP publishes changes to 25 Pa. Code § 92a.62.

c. Payment for annual fees shall be remitted to DEP at the address below or through DEP's electronic payment system (www.depgreenport.state.pa.us/NPDESpay) by the due date specified on the invoice. Checks, if used for payment, should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection
Bureau of Clean Water
Re: Chapter 92a Annual Fee
P.O. Box 8466
Harrisburg, PA 17105-8466

d. This section does not apply to any Federal or State agency or independent State commission that provides funding for program administration by DEP through terms and conditions of a mutual agreement and is exempt from fees in accordance with 25 Pa. Code § 102.6(b)(4).

3. Unanticipated Non-Compliance or Potential Pollution Reporting

a. Immediate Reporting – The permittee must immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code §§ 91.33 and 92a.41(b) listed below:

(i) If, because of an accident or other activity or incident, a toxic substance or another substance is discharged which would endanger downstream users of the water receiving the discharge or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee must immediately notify DEP by telephone of the location and nature of the danger. Verbal notification to DEP is required as soon as possible, but no later than four (4) hours after the permittee becomes aware of the incident causing or threatening pollution. Emergency response phone numbers for DEP are available on DEP's website (www.dep.pa.gov, select "Report an Incident").

(ii) The permittee must immediately notify known downstream users of the waters of the Commonwealth to which the substance was discharged if notice is reasonably possible. Notice must include the location and nature of the danger.

(iii) The permittee must immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, must remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.

b. The permittee must report any non-compliance to DEP/CCD which may endanger health or the environment in accordance with the requirements of 40 CFR § 122.41(l)(6) (incorporated by 25 Pa. Code § 92a.3(c)). These requirements include the following obligations:

(i) 24-Hour Reporting – The permittee must verbally report any non-compliance with this permit to DEP/CCD that may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances.

(ii) Written Report – A written submission must also be provided to DEP/CCD within five (5) days of the time the permittee becomes aware of any non-compliance that may endanger health or the environment. The written submission must contain a description of the non-compliance and its cause; the period of non-compliance, including exact dates and times, and if the non-compliance

has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the non-compliance. The written submission must include a Visual Site Inspection Report that documents the incident.

(iii) Waiver of Written Report – DEP/CCD may waive the written report on a case-by-case basis if the associated verbal report has been received within 24 hours from the time the permittee becomes aware of the circumstances that may endanger health or the environment. Unless such a waiver is expressly granted in writing by DEP/CCD, the permittee must submit a written report in accordance with this paragraph.

3. Other Non-Compliance

The permittee must identify all instances of non-compliance not reported under paragraph D.3.b of this section on the Visual Site Inspection Report. The reports must contain the information listed in paragraph D.3.b.(ii) of this section. (25 Pa. Code § 92a.3(c) and 40 CFR § 122.41(l)(7))

E. Signatory Requirements.

1. Applications, reports, and other information submitted to DEP/CCD must be signed and certified by either of the following applicable persons, in accordance with 40 CFR § 122.22 (incorporated by 25 Pa. Code § 92a.22):

- For a corporation – by a president, secretary, treasurer, or vice president in charge of a principal business function of the corporation or a duly authorized representative.
- For a partnership or sole proprietorship – by a general partner or the proprietor, respectively.
- For a municipality, state, federal, or other public agency – by a principal executive officer or ranking elected official.

2. If signed on behalf of a corporation by a duly authorized representative of the permittee, the authorization must meet the following:

- The authorization must be made in writing by a person described in Paragraph 1, above, consistent with the corporation's delegation procedures and must be attached to the application or otherwise be submitted to DEP/CCD.
- The authorization must specify either an individual or a position having responsibility for the operation of the regulated system, facility, or activity consistent with the corporation's delegation procedures, such as the position of manager, operator, superintendent, or position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the corporation.

3. Changes in Signatory Authorization – If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the project site, a new authorization satisfying the requirements of Paragraphs 1 and 2, above, must be submitted to DEP/CCD prior to or together with any reports or information to be signed by an authorized representative.

F. Planned Changes to Physical Facilities – The permittee must give notice to DEP/CCD as soon as possible but no later than 30 days prior to planned physical alterations or additions to the permitted project site or activity. An application or other written submission to DEP/CCD providing equivalent information can be used to satisfy the notification requirements of this section.

Notice is required when:

1. The alteration or addition to a permitted facility or activity may meet one of the criteria for determining whether a facility or activity is a new source in 40 CFR § 122.29(b). (25 Pa. Code § 92a.41(a) and 40 CFR § 122.41(l)(1)(i))

2. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. (25 Pa. Code § 92a.41(a) and 40 CFR § 122.41(l)(1)(ii))

This may include:

a. The construction of additional impervious surfaces not reported in the application.

b. Increases in earth disturbance compared to the original planned limit of disturbance.

c. Modifications to the design standards, BMPs, or SCMs used for the project.

d. Proposals to eliminate structural or non-structural BMPs or SCMs planned for in the original design or reduce the dimensions and/or capacities of structural BMPs or SCMs that may affect performance of those BMPs or SCMs.

e. Proposed site alterations that would allow new stormwater flows from off-site to flow onto the site.

3. The planned change may result in non-compliance with permit requirements. (25 Pa. Code § 92a.41(a) and 40 CFR § 122.41(l)(2))

G. Monitoring

DEP/CCD may require additional monitoring where an increased risk of potential water pollution is present, or water pollution is suspected to be occurring from a construction activity subject to this permit, or for any reason in accordance with 25 Pa. Code § 92a.61 (relating to monitoring). The permittee or co-permittee must commence such monitoring upon notification from DEP/CCD. (25 Pa. Code § 92a.61(b))

PART B

STANDARD CONDITIONS

I. MANAGEMENT REQUIREMENTS

A. Compliance

The permittee must comply with all conditions of this permit. Any permit non-compliance constitutes a violation of the Act and Clean Streams Law and is grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or denial of a permit renewal application. (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(a))

B. Permit Modification, Termination, or Revocation and Reissuance

1. DEP may modify, terminate, or revoke and reissue this permit during its term. (25 Pa. Code §§ 92a.3, 92a.41(a), 92a.72 – 92a.75 and 40 CFR § 122.41(f))

2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated non-compliance, does not stay any permit condition. (25 Pa. Code §§ 92a.3, 92a.41(a) and 40 CFR § 122.41(f))

3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee must comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(a)(1))

4. DEP may terminate coverage under this permit for the reasons specified at 40 CFR § 122.64(a). (25 Pa. Code §§ 92a.74(c) and 40 CFR § 122.64(a))

C. Requirement to Submit NOT (25 Pa. Code §§ 102.7, 92a.74(c), 92a.76 and 40 CFR § 122.64(c))

The permittee or a co-permittee must submit a complete NOT form to the DEP/CCD office that approved coverage, utilizing DEP's NOT for Chapter 102 Permits form (3800-PM-BCW0229b), when the project site has been permanently stabilized, all temporary E&S BMPs have been removed, and construction of all approved PCSM SCMs have been completed, in accordance with 25 Pa. Code § 102.7. An operator co-permittee may submit the NOT only when documentation is provided with the NOT that the permittee or co-permittee is unable or unwilling to sign the NOT.

1. The permittee or co-permittee must submit the NOT electronically when required by DEP in writing.

2. The permittee and co-permittee must continue complying with the terms and conditions of this permit until the NOT is approved by DEP/CCD.

3. Until the permittee or co-permittee has received written approval of the NOT from DEP/CCD, the permittee and co-permittee remains responsible for compliance with the terms and conditions of this permit, including the submission of annual reports and long-term operation and maintenance (O&M) of all PCSM SCMs on the project site in accordance with 25 Pa. Code § 102.8(m).

4. The permittee must retain a copy of record drawings required by 25 Pa. Code § 102.8(l) as part of the approved PCSM Plan and must provide a copy of the record drawings to the persons identified as responsible for the long-term O&M of PCSM SCMs.

D. Duty to Provide Information

1. The permittee must provide to DEP/CCD, within a reasonable time, any information which DEP/CCD may request to determine whether cause exists for modifying, revoking and reissuing, or terminating coverage under this permit, or to determine compliance with this permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(h))

2. The permittee must provide to DEP/CCD copies of records required to be kept by this permit upon request. (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(h))

3. Other Information – Where the permittee becomes aware that it failed to submit any relevant facts in an application or submitted incorrect information in an application or in any report to DEP/CCD, it must promptly submit the correct and complete facts or information. (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(l)(8))

E. Proper Operation and Maintenance (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(e))

1. The permittee must at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances), including BMPs, which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes adequate laboratory controls such as appropriate quality assurance procedures. The permittee must properly operate and maintain backup or auxiliary facilities or similar systems installed by the permittee, as necessary to achieve compliance with the terms and conditions of this permit.

2. Removed Substances – Solids, sediments, and other pollutants removed in the course of treatment or control of stormwater must be disposed of in accordance with federal and state law and regulations, to prevent any pollutant in these materials from adversely affecting public health or the environment.

3. Reduction, Loss, or Failure of BMP or SCM – Upon the reduction, loss, or failure of any E&S BMP or PCSM SCM, the permittee and co-permittee(s) must initiate the repair or replacement of the BMP or SCM as follows:

- Immediately upon discovery if the reduction, loss, or failure of a BMP or SCM has resulted in or is likely to result in sediment or other pollutants flowing off the project site and/or discharging to surface waters. Completion of the repair or replacement of the BMP or SCM must occur within 24 hours unless a different schedule is approved in writing by DEP/CCD.

- Within 24 hours of discovery for all other situations where there is a reduction, loss, or failure of a BMP or SCM. Completion of the repair or replacement of the BMP or SCM must occur within seven (7) days unless a different schedule is approved in writing by DEP/CCD.

F. Duty to Mitigate

The permittee must take all reasonable steps to minimize or prevent any discharge in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(d))

II. PENALTIES AND LIABILITY

A. Violations of Permit Conditions

DEP may take an enforcement action to restrain violations, to impose criminal or civil penalties, to withhold a permit, or to seek other remedies or relief as authorized by law against a permittee that violates any condition or limitation of this permit, or any rule, regulation or order issued by DEP pursuant to the Clean Streams Law.

In addition, EPA may take an enforcement action to restrain violations, to impose criminal or civil penalties, or to seek other remedies or relief as authorized by the Clean Water Act against a permittee that violates any condition or limitation of this permit, or any rule, regulation or order issued by EPA pursuant to the Clean Water Act.

B. Falsifying Information

The permittee or any person who engages in the conduct described below may, upon conviction, be punished by a fine and/or imprisonment pursuant to 18 Pa.C.S. § 4904, or 40 CFR §§ 122.41(j)(5) or (k)(2). (25 Pa. Code §§ 92a.3(c), 92a.41(c))

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or

- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or non-compliance).

C. Liability

Nothing in this permit will be construed to relieve the permittee from civil or criminal penalties for non-compliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of the Clean Streams Law.

Nothing in this permit will be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

The permittee may not maintain as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(c))

III. OTHER RESPONSIBILITIES

A. Right of Entry

The permittee must allow authorized representatives of DEP/CCD and EPA to conduct the following activities upon the presentation of credentials and other documents as may be required by law (35 P.S. §§ 691.5(b) and 305, 25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR § 122.41(i)(2)):

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit; (40 CFR § 122.41(i)(1))

2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR § 122.41(i)(2))

3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR § 122.41(i)(3))

4. To sample or monitor at reasonable times, for the purposes of ensuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or pollutants at any location. (40 CFR § 122.41(i)(4))

B. Transferring Permit Coverage

1. Transfer Requests by Permittees. (25 Pa. Code § 92a.71 and 40 CFR § 122.61(b))

a. If the permittee (i.e., the person identified on the permit application as the applicant) decides to transfer permit coverage to another person prior to submission of an NOT to terminate coverage, the permittee must submit an application to DEP/CCD to transfer permit coverage at least 30 days prior to the proposed date of transfer, using DEP's Application for NPDES or WQM Permit Transfer form (3800-PM-BCW0041) (Transfer Application). Permit coverage will be transferred automatically to the proposed permittee on the date specified in the Transfer Application if all of the following conditions are satisfied:

1. The Transfer Application is signed by the existing and proposed permittees and contains a specific date for transfer of permit responsibility, coverage and liability between the permittees.

2. DEP/CCD does not notify the existing permittee and the proposed permittee in writing prior to the transfer date of its intent to modify or revoke and reissue this permit.

3. The proposed permittee is in compliance with existing DEP/CCD issued permits, regulations, orders and schedules of compliance, or has demonstrated that any non-compliance with the existing permits has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code § 92a.51 (relating to schedules of compliance) and other appropriate DEP regulations.

b. If the transfer does not occur automatically as specified in Paragraph B.1.a of this section, permit coverage may be transferred by the existing permittee to a proposed permittee only if both parties request a modification of permit coverage, using the Transfer Application, and DEP/CCD approves the modification or revokes and reissues the permit coverage. Permit coverage may be transferred both during the term of this permit and during a period of administrative extension of this permit.

c. In the event DEP/CCD does not approve transfer of this permit, the proposed permittee must submit a new application.

d. Transfer of a portion of a project site is not authorized under this permit unless otherwise approved by DEP.

e. If the transfer of permit coverage will coincide with a transfer of property containing PCSM SCM(s), the Transfer Application must include a New Property Owner Notification Form (3800-FM-BCW0271i) signed by the existing and proposed permittees.

C. Amending Permit Coverage

The permittee must notify DEP/CCD of any planned change to earth disturbance activities, BMPs, SCMs, or any other change that may affect permit coverage, including planned changes identified in Part A III.F of this permit, at least 30 days prior to implementing the change. DEP/CCD will notify the permittee whether the submission of an application to amend permit coverage is required. The permittee may not proceed to implement the proposed change until the permittee receives written approval for the amendment from DEP/CCD, when applicable.

D. Property Rights

The approval of coverage under this permit does not convey any property rights, or any exclusive privilege. (25 Pa. Code §§ 92a.3(c), 92a.41(a) and 40 CFR 122.41(g))

E. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a)(2) and 40 CFR § 122.41(b))

F. Other Laws

The approval of coverage under this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local laws or regulations.

PART C

OTHER CONDITIONS

I. GENERAL

A. The permittee is authorized to discharge stormwater associated with construction activities from its project site, alone or in combination with authorized non-stormwater discharges, at discharge points identified in the application submitted for coverage under this permit.

B. Authorized Non-Stormwater Discharges – The following non-stormwater discharges associated with construction activities are authorized under this permit provided that, with the exception of water used to control dust and to irrigate vegetation in stabilized areas, these discharges are not routed to areas of exposed soil on the project site and that the permittee complies with any applicable requirements for these discharges under the permit:

- Discharges from emergency firefighting activities;
- Potable water – including water line flushings, fire suppression system flushings, and fire hydrant flushings – that does not contain measurable concentrations of Total Residual Chlorine (TRC), and where appropriate control measures are implemented to minimize discharges of mobilized solids and other pollutants (e.g., filtration, detention, settlement);
- Uncontaminated condensate from air conditioners, coolers/chillers, and other compressors (if treatment through an oil/water separator is provided) and from the outside storage of refrigerated gases or liquids;
- Irrigation and dust control drainage;
- Landscape water if such water does not contain pesticides, herbicides or fertilizers;
- Pavement wash waters, other than wash waters used on newly sealed pavement (sealant applied within the prior week), where: no detergents or hazardous cleaning products are used; the wash waters do not come into contact with oil and grease deposits, sources of pollutants associated with industrial activities, or any other toxic or hazardous materials; and appropriate control measures are implemented to minimize discharges of mobilized solids and other pollutants (e.g., filtration, detention, settlement);
- Routine external building washdown or power wash water that does not contain detergents or hazardous cleaning products (e.g., those containing bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols) and where appropriate control measures are implemented to minimize discharges of mobilized solids and other pollutants (e.g., filtration, detention, settlement);
- Uncontaminated ground water or spring water;
- Foundation or footing drains where flows are not contaminated with process materials; and
- Construction dewatering water that complies with the construction dewatering discharge requirements of Part A II.B.3 of this permit.

C. The permittee must handle, recycle and/or dispose of building materials and wastes, collected screenings, slurries, sludges, and other solids generated in the course of treatment or control of stormwater runoff in compliance with state and federal law, including the Solid Waste Management Act (35 P.S. §§ 6018.101, et seq.), 25 Pa. Code Chapters 271-285 (relating to municipal waste), 287-299 (relating to residual waste), Chapters 261a, 262a, 263a, and 270a (related to identification of hazardous waste, requirements for generators and transporters, hazardous waste requirements for generators and transporters, and hazardous waste permit programs), the Clean Streams Law, the federal Clean Water Act, and 40 CFR Part 257 (related to criteria for classification of solid waste disposal facilities and practices) and in a manner that prevents any pollutant from such materials from adversely affecting the environment.

The permittee is responsible to obtain or ensure that contracted agents have all necessary permits and approvals for the handling, storage, transport, and disposal of solid waste materials generated as a result of construction activities, stormwater management, and treatment.

D. No new discharge may be commenced under this permit until the applicant demonstrates compliance with and/or completes all of the following:

1. A complete application package (3800-PM-BCW0408b and required attachments) has been submitted, as determined by DEP/CCD, in accordance with the requirements of this permit and the application instructions.

2. The applicant has received a permit, signed by the appropriate DEP manager.

3. The applicant has obtained all other state and local permits and approvals arising out of the earth disturbance activities reported in the application, including but not limited to sewage planning approval required by the Pennsylvania Sewage Facilities Act, 35 P.S. §§ 750.1 et seq. (Act 537), if applicable.

4. When applicable, the permittee has recorded a legal instrument disclosing planned post-construction stormwater management (PCSM) stormwater control measure(s) (SCM(s)) on applicable properties with the Recorder of Deeds and has received written authorization from DEP/CCD to schedule a pre-construction meeting, except as specified in Part C II.B of this permit.

5. A pre-construction meeting has been held unless waived by DEP/CCD, in writing.

II. INITIAL RECORDING

If the approved PCSM Plan includes PCSM SCMs that will be located on non-Commonwealth and non-federal property, the permittee must record a legal instrument with the Recorder of Deeds for each property that will contain SCMs that identifies the planned SCMs, provides access for long-term O&M of the SCMs, and provides notice that the responsibility for long-term O&M of the SCMs is a covenant that runs with the land.

A. The permittee must provide a copy of the recorded instrument, all attachments or exhibits to the instrument, and proof of recording to DEP/CCD prior to the pre-construction meeting, unless the project is conducted for the benefit of a public utility, as defined in the Public Utility Code (66 Pa.C.S.A. § 102), or otherwise approved by DEP/CCD in writing. The permittee may not schedule the pre-construction meeting or commence the earth disturbance activity until DEP/CCD receives this documentation and determines it is complete. Upon written authorization from DEP/CCD, the permittee may schedule the pre-construction meeting.

B. For public utility projects and other projects for which written approval is obtained from DEP/CCD to provide the recorded documentation following the pre-construction meeting, the permittee must provide a copy of the recorded instrument, all attachments or exhibits to the instrument, and proof of recording to DEP/CCD within 45 days of permit issuance.

C. The permittee must record the following documentation under this section:

1. An instrument that is consistent with DEP's Sample Instrument for the Declaration of Restrictions and Covenants, available on DEP's website (www.dep.pa.gov/constructionstormwater, select E&S Resources).

2. Approved PCSM Plan Drawing(s) identifying the SCMs or other documentation that identifies the location of the SCMs on the relevant properties; the planned size (length, width, depth) of the SCMs; depictions of the inlet and outlet structures of the SCMs, as applicable; construction materials and media, as applicable; and the planned vegetation for the SCMs, as applicable.

3. Long-Term O&M Plans for the SCMs, if separate from the documentation in Paragraph II.C.2, above.

III. PRE-CONSTRUCTION MEETING

Upon notification from DEP/CCD that the recorded instrument is complete, if applicable, the permittee must schedule and hold a pre-construction meeting unless the permittee has been notified otherwise in writing by DEP/CCD. The permittee must invite the agency approving coverage under this permit to attend the pre-construction meeting and provide at least seven (7) days' notice of the pre-construction meeting to all invited

attendees. The permittee must also invite to the pre-construction meeting co-permittees, operators, municipal representative(s), licensed professionals or designees, and all others responsible for implementing or monitoring the earth disturbance activity and implementation of E&S, PCSM and PPC Plans and critical stages of implementation of the approved PCSM Plan.

IV. NOTIFICATION OF PERIMETER CONTROL BMPs

Upon the installation of all perimeter sediment control BMPs and at least three (3) days prior to proceeding with the bulk earth disturbance activities, the permittee or co-permittee shall provide notification to DEP or CCD by phone or electronic mail.

V. E&S PLANS

A. The permittee must implement an approved E&S Plan that meets the requirements of 25 Pa. Code § 102.4(b) and contains E&S BMPs that will be designed, implemented and maintained to minimize the potential for accelerated erosion and sedimentation and achieve the effluent limitations set forth in Part A of this permit.

B. The E&S Plan, including construction sequencing and O&M of BMPs, must be implemented at all times.

C. The permittee must make the approved E&S Plan available for review and inspection by DEP/CCD and EPA during all stages of earth disturbance activities.

VI. PCSM PLANS

A. The permittee must implement an approved PCSM Plan that meets the requirements of 25 Pa. Code § 102.8 and contains PCSM SCMs that will be designed, implemented and maintained to achieve the effluent limitations set forth in Part A of this permit.

B. The PCSM Plan, including construction sequencing and O&M of SCMs, must be implemented at all times.

C. The permittee must make the approved PCSM Plan available for review and inspection by DEP/CCD and EPA during all stages of earth disturbance activities.

VII. LONG-TERM OPERATION AND MAINTENANCE OF PCSM SCMs

A. The permittee or co-permittee is responsible for long-term O&M of PCSM SCMs unless a different person is identified in the NOT and that person has agreed to long-term O&M of PCSM SCMs. A permittee or co-permittee that fails to transfer long-term O&M of the PCSM SCMs or otherwise fails to comply with this requirement remains jointly and severally responsible with the landowner for long-term O&M of the PCSM SCMs located on the property. (25 Pa. Code §§ 102.8(m)(1), 102.8(m)(5)

B. The permittee or co-permittee must record a final instrument with the Recorder of Deeds for each non-Commonwealth and non-federal property containing PCSM SCMs when changes are made following the initial recording. The instrument must identify the implemented SCMs, provide access for long-term O&M of the PCSM SCMs, and provide notice that the responsibility for long-term O&M for the SCMs is a covenant that runs with the land. The final recording must amend the original recording as referenced in Part C II of this permit, as applicable. The permittee or co-permittee must provide a copy of the final instrument, all attachments or exhibits to the instrument, and proof of recording to DEP/CCD with the NOT. The permittee or co-permittee must record the following documentation under this section at a minimum, when applicable:

1. An instrument that is consistent with DEP's Sample Instrument for the Declaration of Restrictions and Covenants, available on DEP's website (www.dep.pa.gov/constructionstormwater, select E&S Resources).

2. Documentation that identifies the location of the SCMs on the relevant properties; the planned size (length, width, depth) of the SCMs; depictions of the inlet and outlet structures of the SCMs, as applicable; construction materials and media, as applicable; and the vegetation for the SCMs, as applicable; or otherwise record drawings as identified at 25 Pa. Code § 102.8(l).

3. Long-Term O&M Plans for the SCMs, if separate from the documentation in Paragraph VII.B.2, above.

C. If a parcel, lot, road, or other real property containing or planned to contain a PCSM SCM is sold during the term of permit coverage, the permittee must provide the new property owner with 1) record drawings or other plans identifying the SCM; 2) a long-term O&M Plan for the SCM; and 3) a completed New Property Owner Notification form (3800-FM-BCW00271i). The permittee must submit copies of completed New Property Owner Notification forms to DEP/CCD and to the municipality where the SCM is located within 30 days of the date of transfer of the property.

1. If a permittee submits to DEP/CCD a New Property Owner Notification form containing the signature of the first owner of a lot containing PCSM SCMs that is acquired from the permittee, the permittee is not obligated to obtain the signatures of any future lot owner unless the permittee failed to record a legal instrument disclosing the PCSM SCMs on the lot.

2. If the new property owner or subsequent property owners enter into an agreement for a separate party to be responsible for long-term O&M and do not disclose this to the permittee, it is not the permittee's responsibility to disclose this to DEP/CCD.

3. If there are increases in impervious area on a lot following its sale, in which a New Property Owner Notification form was submitted, the permittee is not responsible for identifying the increase in impervious area if SCMs were designed to manage the maximum allowable impervious under an ordinance or the planned impervious with a factor of safety of at least 10%.

D. For Commonwealth-owned or federally-owned property, a covenant that runs with the land is not required until the transfer of the land containing a PCSM SCM to a non-Commonwealth or non-federal entity occurs. Upon transfer of the Commonwealth-owned or federally-owned property containing the PCSM SCM, the deed must comply with 25 Pa. Code § 102.8(m). (25 Pa. Code § 102.8(m)(3))

E. The person responsible for performing long-term O&M may enter into a written agreement with another person, including a CCD, nonprofit organization, municipality, authority, private corporation, or other person, to transfer the responsibility for PCSM SCMs or to perform long-term O&M and provide notice thereof to DEP/CCD. (25 Pa. Code § 102.8(m)(4))

F. The recorded instrument must provide for access to the PCSM SCMs in addition to information on inspection, repair, replacement, and routine maintenance to ensure proper function and operation of the PCSM SCMs.

G. For PCSM SCMs that discharge to an MS4, the permittee must specify in the long-term O&M plan that copies of all inspection reports must be submitted by the person responsible for long-term O&M to the municipality or other entity that owns or operates the MS4.

VIII. PREPAREDNESS, PREVENTION, AND CONTINGENCY PLANS

If toxic, hazardous, or other polluting materials will be on site, the permittee or co-permittee(s) must develop a PPC Plan for use while those materials are on-site in accordance with 25 Pa. Code §§ 91.34 (relating to activities utilizing pollutants) and 102.5(l). The PPC Plan must identify areas which may include waste management areas, raw material storage areas, fuel storage areas, temporary and permanent spoils storage areas, maintenance areas, and any other areas that may have the potential to cause non-compliance with the terms and conditions of this permit due to the storage, handling, or disposal of any toxic or hazardous substances such as oil, gasoline, pesticides, herbicides, solvents, or concrete wash waters. BMPs must be developed and implemented for each identified area. Names and contact information within the PPC Plan must be kept up to date. The PPC Plan must be made available for review at the request of DEP/CCD.

IX. IMPORTED FILL AND SITE CONTAMINATION

A. Imported Fill.

1. With the exception of sites enrolled in DEP's Land Recycling and Remediation Standards Act (Act 2) Program and sites with DEP Waste Management General Permit (WMGR096) approval to use regulated fill, all fill material imported to the site must meet the definition of clean fill, as defined in DEP's Management of Fill Policy. Regulated fill used on Act 2 sites must comply with the standards established by the Act 2 Program. Regulated fill used outside of Act 2 sites must comply with DEP Waste Management General Permit WMGR096.

2. For areas not enrolled in the Act 2 Program, the permittee must comply with DEP's Management of Fill Policy (Document No. 258-2182-773) if fill is imported to the site, and comply with the following when using fill at the site to level an area or bring it to grade:

   a. The permittee must conduct environmental due diligence to determine whether the fill has been affected by a release of a regulated substance. If due diligence was conducted prior to submitting the permit application and circumstances have not changed between the due diligence and the use of the fill, due diligence does not need to be repeated.

   b. If due diligence results in evidence of a release, as defined in DEP's Management of Fill Policy, the permittee must test the material to determine whether it qualifies as clean fill, and if so, DEP's electronic Form FP-001 (Certification of Clean Fill) must be completed, retained by the permittee and be made available to DEP/CCD upon request. If the fill does not qualify as clean fill, but meets the regulated fill standards, it may be used in accordance with an approval for coverage under DEP Waste Management General Permit WMGR096.

B. On-Site Soil Contamination.

1. For sites enrolled in the Act 2 Program, if the results of soil sampling in the area of earth disturbance activities demonstrate newly discovered soil contamination with concentrations of regulated substances exceeding the residential or non-residential medium-specific concentrations (MSCs), whichever is applicable, the permittee or operator co-permittee must notify DEP/CCD by phone within 24 hours of receiving the sampling results. Earth disturbance activities in areas of newly discovered contamination need not cease after notification to DEP/CCD unless so directed by DEP/CCD.

2. For areas not enrolled in the Act 2 Program, if the permittee or operator co-permittee discovers during earth disturbance activities wastes or other materials or substances that have or have likely caused soil contamination with concentrations of regulated substances exceeding the residential or non-residential MSCs, whichever is applicable, the permittee must notify DEP/CCD by phone within 24 hours. Earth disturbance activities in areas of newly discovered contamination need not cease after notification to DEP/CCD unless so directed by DEP/CCD.

C. On-Site Groundwater Contamination.

If the results of sampling performed on groundwater encountered during earth disturbance activities demonstrate that the groundwater is contaminated by one or more pollutants at concentrations exceeding water quality criteria contained in 25 Pa. Code Chapter 93, that were not previously disclosed to DEP/CCD, the permittee or operator co-permittee must notify DEP/CCD by phone within 24 hours of receiving the sampling results. Contaminated groundwater may not be pumped or otherwise diverted to surface waters unless specifically authorized by the DEP Clean Water Program.

X. INFILTRATION SCMs

A. The permittee must protect the infiltration surface for any area on a project site that will be used for infiltration-based SCMs. The surface must be protected from compaction, fines, and sediment unless it is used as an E&S BMP.

B. Effective December 8, 2025, the permittee must complete confirmation testing for infiltration capacity to verify that infiltration SCMs will perform as designed anytime 1) the area of an infiltration SCM has not been protected, as determined by a licensed professional or DEP/CCD, and 2) an E&S BMP will be converted to a PCSM SCM and used for infiltration. Confirmation testing is a critical stage of SCM construction that must be overseen by a licensed professional or designee.

C. Confirmation testing for infiltration capacity may be performed by 1) a simulated runoff test using a ponding depth of no less than six (6) inches within the SCM; 2) inspection during and after a storm event that produces a ponding depth of no less than six (6) inches within the SCM; or 3) infiltration testing using acceptable methods from the Pennsylvania Stormwater BMP Manual (363-0300-002), as amended and updated. The testing or inspection must be performed after major earthwork is complete, after permanent stabilization of the SCM's drainage area, and, where an E&S BMP is being converted to a PCSM SCM, prior to placing soil media or stone in an SCM.

D. The permittee may not proceed to complete construction of the SCM until a licensed professional evaluates the confirmation testing and notifies the permittee that the infiltration SCM meets the purpose and intent of the approved PCSM Plan, without overflowing at the storm event the SCM is designed to manage, and will protect waters of the Commonwealth.

E. If the licensed professional determines that the SCM will not function as designed, the permittee shall implement corrective measures under the direction of the licensed professional and retest. If the licensed professional recommends changes to the dimensions, location, or type of SCM, the permittee must notify DEP/CCD prior to implementing the changes to determine the possible need for an amendment to the approved PCSM Plan and permit coverage. If an amendment is required, the permittee may not proceed with implementing the changes until written approval is obtained.

F. Where confirmation testing for infiltration capacity is completed, the permittee must report the results of the testing on the SCM Construction Certification form that is required by Part A III.C.2.b of this permit.

XI. IMPLEMENTATION OF PERMIT REQUIREMENTS

A. Prior to commencement of construction activities or commencement of work on the project site, the permittee and co-permittee(s) must ensure that the following personnel understand the requirements of, and their specific responsibilities under, this permit:

- Personnel responsible for the installation, maintenance, and/or repair of E&S BMPs and PCSM SCMs and implementation of the PPC Plan.
- Personnel responsible for the application and storage of treatment chemicals (if applicable).
- Personnel responsible for conducting inspections.
- Personnel responsible for taking corrective actions.

B. The permittee and co-permittees are responsible for ensuring that all activities on the project site comply with the requirements of this permit.

C. All personnel must have access at all times during earth disturbance activities to an electronic or paper copy of this permit, the approved copies of the E&S, PCSM and PPC Plans, and other relevant documents or information that must be kept with these plans.

XII. OTHER REQUIREMENTS

A. Cessation of Earth Disturbance Activities.

The permittee must cease earth disturbance activities resulting in stormwater discharges during construction upon written notification from DEP/CCD in the form of an order or inspection report, and may not resume such activities until authorized to do so by DEP/CCD. DEP/CCD may require cessation of earth disturbance

activities where required plans are not in place, where plans are significantly deficient and could result in environmental harm, where potential or actual harm is identified during on-site inspections, or for other reasons pursuant to applicable law.

B. Compliance and Enforcement.

1. A person aggrieved by an action of a CCD must request an informal hearing with DEP within 30 days following the notice of the action. DEP will schedule the informal hearing and make a final determination within 30 days of the request. Any final determination by DEP under the informal hearing may be appealed to the Environmental Hearing Board (EHB) in accordance with established administrative and judicial procedures. (25 Pa. Code § 102.32(c))

2. For enforcement action taken under this permit, DEP/CCD may collect or recover, from the responsible party, costs and expenses involved in taking enforcement action and initiating cost recovery actions. DEP/CCD may collect the amount in the same manner as civil penalties are collected under Section 605 of The Clean Streams Law (35 P.S. § 691.605). (25 Pa. Code § 102.32(d))

C. Non-Stormwater Discharges.

Except as set forth in Part C I.B of this permit, non-stormwater discharges are not authorized under this permit. The permittee must cease any non-stormwater discharge upon receipt of written notification from DEP/CCD that the discharge is not authorized under this permit.

D. Off-Site Support Activities.

The permittee may utilize only those off-site support activities meeting the following criteria:

1. The off-site support activities have been identified in the application and are eligible for coverage under this permit.

2. If the off-site support activities have not been identified in the application for permit coverage, the permittee has notified DEP/CCD of the identification of the off-site support activities, prior to their use, and DEP/CCD has approved an amendment of the permittee's coverage under this permit.

3. A written E&S Plan that includes all off-site support activities has been developed, submitted for review, and approved by DEP/CCD.

E. Off-Site Discharges.

The permittee must ensure that E&S BMPs and PCSM SCMs are installed and maintained for all off-site discharges to areas other than surface waters, as applicable, including but not limited to swales, ditches, and the ground surface.

F. Threatened and Endangered Species Protection.

1. If applicable, the permittee and co-permittee(s) must comply with the provisions of any Habitat Conservation Plan approved by the jurisdictional resource agencies to protect state or federal threatened and endangered species.

2. If any potential impact to federal or state threatened or endangered species is identified on the Pennsylvania Natural Diversity Inventory (PNDI) receipt, the permittee must implement any avoidance/mitigation measures indicated on the PNDI receipt and/or other measures determined necessary by the resource agencies in a clearance letter, determination or other correspondence to resolve potential species impacts and ensure compliance with applicable federal and State laws pertaining to the protection of state or federal threatened and endangered species.

3. When conducting earth disturbance activities, the permittee and co-permittees have a continuing obligation to ensure compliance with applicable state and federal laws pertaining to the protection of state or federal threatened and endangered species.

G. Archaeological Specimens.

The permittee and its agents must visually inspect for archaeological specimens, as the term is defined in the Pennsylvania State History Code (37 Pa. C.S.A., §§ 101 *et seq*.), during earth disturbance activities, and must immediately cease earth disturbance activities upon discovery of archaeological specimens. Upon discovery the permittee must immediately notify DEP/CCD and the Pennsylvania Historical and Museum Commission (PHMC) (Phone: (717) 783-8947).

H. Antidegradation Requirements.

The permittee shall implement a non-discharge alternative and/or the ABACT E&S BMPs and PCSM SCMs identified in Antidegradation Analysis Module 3 (3800-PM-BCW0406c) and the approved E&S and PCSM Plans to satisfy antidegradation implementation requirements of 25 Pa. Code §§ 93.4c, 102.4(b)(6) and 102.8(h).

I. Sinkholes.

The permittee shall notify DEP/CCD immediately by phone if a sinkhole(s) develops on the project site. Within five days following the notification, the permittee shall submit a plan drawing showing the location of the sinkhole(s), photographs, the method of repair, and how E&S BMPs and/or PCSM SCMs will be modified as a result, if applicable.

J. Pyritic Rock

The site geology includes pyritic rock. A qualified person shall be onsite for all excavations to identify pyritic material and shall have the authority to direct the management of pyritic material. Any pyritic material excavated shall be stored and/or permanently placed in an area and in a manner that limits the pyritic material's contact with stormwater and interaction with groundwater.

K. Native Species

Temporary and permanent seeding and vegetative plantings shall only include those species native to the area in which the seed mix and plantings will be applied.

L. The permittee shall implement the facility "Lighting Photometrics Plan" plan approved by the Smithfield Township Board of Supervisors.

M. The permittee shall implement the "Rutter's Trash and Fuel Spills Standard Practices for Store #93" and in accordance with the following:

1. The 6-foot high solid vinyl fence shall be of a natural color that blends with the natural landscape if determined to be feasible by the permittee.

L. Earth Disturbance.

A total project earth disturbance of 7.67 acres, as shown in the approved plans is authorized by this permit.

Pennsylvania Department of Environmental Protection

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

National Pollutant Discharge Elimination System (NPDES)
Individual Permit for Discharges of Stormwater Associated with Construction Activities
Application

DEP / CCD Use Only			
Date Received:	April 17,2026	Permit ID:	PAD310013 A-2
Date Determined Complete:	April 27, 2026	Date of: ☐ Return ☐ Withdrawal ☐ Denial	
Draft Permit Issued Date:			
Issuance Date:	August 17, 2026	Date Resubmission Received:	
Effective Date:	August 17, 2026	Expiration Date:	January 30, 2029

General Information

1. Applicant Name(s): **M & G Realty, Inc.**

2. ☐ There are co-applicants *(If checked, attach a separate certification for each co-applicant)*

3. Applicant Type: a. ☐ Individual b. ☐ Non-Government

c. ☒ Private Business *(Attach documentation identifying the names of each current owner, member, etc.)*

Structure: ☐ LLC ☐ SP ☐ Partnership ☒ Corporation ☐ Other: _____

☒ Registered with PA Department of State File No.: **213610**

d. ☐ Government ☐ Federal ☐ State ☐ County ☐ Municipal ☐ School District

4. Application Type: ☐ New ☐ Renewal ☒ Major Amendment ☐ Minor Amendment

Permit No.: PA **D310013 A-1**

5. Project Type: ☐ Residential ☒ Commercial ☐ Industrial ☐ Agricultural ☐ Utilities

☐ Roadways ☐ Redevelopment ☐ Site Restoration ☐ Other

6. Project Site Name: Rutters Huntingdon Store #93 7. Primary NAICS Code: **236220**

8. Project Description: **Construction of a new Rutters convenience store on a vacant parcel, including necessecary site access and stormwater controls. The site will be redesigned using Managed Release Concept (MRC) due to the presence of pyritic shale. All infiltrarion BMP's and SCM's will be removed.**

9. ☐ Common Plan of Development or Sale No. phases: No. phases complete:

10. Anticipated Earth Disturbance Start Date: 2023 Earth Disturbance End Date: 2026

11. ☒ Stormwater will be discharged to Impaired Waters or Special Protection Waters (Module 3 is attached)

12. ☐ The project site is within 150 feet of Special Protection Waters (Module 4 is attached)

Existing Permits

Type of Permit	Permit No.	Date Issued	Issued By

Project Site and Earth Disturbance Information

	Project Site	Earth Disturbance
1. Total Area (acres):	8.39	7.67
2. Pre-Construction Impervious Area (acres):	**0.32**	0.32
3. Post-Construction Impervious Area (acres):	**4.48**	4.48

4. Project Site Pre-Construction Land Uses:

Land Use	% of Total
Vacant lot	100

5. Project Site Post-Construction Land Uses:

Land Use	% of Total
Developed convenience store with fueling	100

6. Number of proposed lots or parcels comprising the project site: 1

7. Number of proposed lots or parcels within the project site that are expected to be sold prior to project completion: 0

8. Number of proposed lots or parcels within the project site with PCSM SCMs that are expected to be sold prior to project completion: 0

NOTE – *Permittees are required to provide a copy of the long-term O&M Plan and record drawings or equivalent to new owners of properties containing PCSM SCMs; complete the New Property Owner Notification form (3800-FM-BCW0271i) and provide it to the new property owner; and submit the New Property Owner Notification form to DEP/CCD within 30 days of the date of transfer of a property.*

9. County Name	Municipality Name	City	Boro	Twp	State
Huntingdon	Smithfield	☐	☐	☒	PA

10. County Name	Municipality Name	City	Boro	Twp	State
		☐	☐	☐	PA

11. Site Location Address

William Penn Highway

12. Site Location City, State, ZIP

Huntingdon, PA 16652

13. Report latitude and longitude at the center of the proposed disturbed area (decimal degrees).

Latitude: **40.489604** Longitude: **-78.036794**

14. Horizontal Reference Datum: ☐ NAD of 1927 ☒ NAD of 1983 ☐ WGS of 1984 ☐ Other _____

15. There will be off-site construction support activities. ☐ Yes ☒ No

16. If Yes to #15, identify the nature of known off-site support activities whose disturbance is included in #1, above:

Description of Off-Site Support Activity	Distance from Site	Disturbance Area
	mi	acres
	mi	acres

17. Identify any other off-site support activities whose disturbance is not included in #1, above (see instructions).

Description of Off-Site Support Activity	Distance from Site	Disturbance Area
	mi	acres
	mi	acres

Project Site and Earth Disturbance Information

18. Check the appropriate box concerning fill material (see instructions):

- ☒ No fill material is expected to be imported to the project site.
- ☐ It is expected that fill will be needed for this project. The source of fill has not yet been determined but will undergo environmental due diligence when identified.
- ☐ It is expected that fill will be needed for this project. The applicant has identified the source of the fill and has determined the material to be clean fill. DEP's online Certification of Clean Fill form has been submitted.
- ☐ It is expected that fill will be needed for this project, which is located on a site that is being remediated to Act 2 standards and will be utilized in accordance with DEP standards under that program.
- ☐ It is expected that fill will be needed for this project. The applicant has identified the source of the fill and has determined it to be regulated fill. The regulated fill is authorized on the project site under a Waste Management General Permit No. WMGR096 authorization dated: _____.
- ☐ It is expected that fill will be needed for this project, which is not on an Act 2 site. The applicant has identified the fill and has determined that it does not meet criteria for clean fill. The applicant is seeking authorization to use the regulated fill from DEP's Waste Management Program.

19. ☐ An Environmental Site Assessment (ESA) has been completed ☐ Soil samples have been analyzed

20. The site is currently or was previously enrolled in DEP's Act 2 Program. ☐ Yes ☒ No

21. Act 2 cleanup standards have been met. ☐ Yes ☐ No

22. Is Act 537 sewage planning approval needed for this project? ☒ Yes ☐ No (Attach approval letter if available)

23. Is a Chapter 105 permit or authorization required? ☐ Yes ☒ No

24. If Yes to #23, identify the necessary authorization. ☐ Joint Permit ☐ General Permit ☐ Waiver

25. If Yes to #23, report the disturbed area not subject to NPDES permit requirements (acres):

26. Other DEP/CCD permits or authorizations are required. ☐ Yes ☒ No

27. If Yes, identify the necessary authorizations.

Compliance History

Was/Is the applicant, facility owner or operator in violation of any DEP regulation, permit, order, or schedule of compliance at this or any other facility or project site within the past five (5) years? ☐ Yes ☒ No

If "Yes," list each permit, order or schedule of compliance and provide current compliance status. Use additional sheets to provide information on all permits.

Permit Program:	Permit No.:
Brief Description of Non-Compliance:	
Steps Taken to Achieve Compliance	Date(s) Compliance Achieved

Current Compliance Status: ☐ In Compliance ☐ In Non-Compliance

Stormwater Discharge Information

1. List all stormwater discharge points (DPs) **during construction** and provide the information requested below (see instructions). ☒ Chesapeake Bay

DP ID	Latitude	Longitude	Name of Receiving Waters	Ch. 93	Distance to Waters	EP Analysis	Impaired ?	TMDL?
001	40.4896	78.0381	Wetlands tributary to UNT Juniata River	WWF	15 ft	☐	☐	☐
002	40.4892	78.0374	Wetlands tributary to UNT Juniata River	WWF	10 ft	☐	☐	☐
003	40.4887	78.0363	Wetlands tributary to UNT Juniata River	WWF	5 ft	☐	☐	☐
004	40.4886	78.0333	UNT Juniata River	WWF	800 ft	☐	☐	☐
					ft	☐	☐	☐
					ft	☐	☐	☐
					ft	☐	☐	☐
					ft	☐	☐	☐

2. List all stormwater DPs **after construction and stabilization are complete** and provide the information requested below.

DP ID	Latitude	Longitude	Name of Receiving Waters	Ch. 93	Distance to Waters	EP Analysis	Impaired ?	TMDL?
001	40.4896	78.0381	Wetlands tributary to UNT Juniata River	WWF	15 ft	☐	☐	☐
002	40.4892	78.0374	Wetlands tributary to UNT Juniata River	WWF	10 ft	☐	☐	☐
003	40.4887	78.0363	Wetlands tributary to UNT Juniata River	WWF	5 ft	☐	☐	☐
004	40.4886	78.0333	UNT Juniata River	WWF	800 ft	☐	☐	☐
					ft	☐	☐	☐
					ft	☐	☐	☐
					ft	☐	☐	☐
					ft	☐	☐	☐

3. Stormwater will be managed using ☐ non-discharge alternative(s) ☒ ABACT BMPs/SCMs for stormwater discharges during and following construction.

4. Will any of the points identified above discharge to a sewer system? ☒ Yes ☐ No Is the sewer an MS4 or CSS? ☐ Yes ☒ No
   Name of storm sewer owner/operator: PADOT Will there be an increase in rate, volume or WQ? ☐ Yes ☒ No

5. Identify and describe all non-stormwater discharges that are expected to occur during permit coverage. Describe the frequency and volume of all such discharges.

   ☒ No non-stormwater discharges are anticipated.

6. Will stormwater flow off the project site through properties owned by others prior to reaching a surface water or storm sewer during or following construction? ☐ Yes ☐ No

If Yes to #6, has an easement been obtained? ☐ Yes ☐ No

NOTE *– The applicant is expected to: 1) secure legal authority for discharges on or through property not owned by the applicant; 2) provide for adequate E&S controls and a stable conveyance as necessary to prevent accelerated erosion; and 3) complete an EP Analysis when necessary according to the Instructions.*

Applicant Certification

I certify under penalty of law that this application and all related attachments were prepared by me or under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my own knowledge and on inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. The responsible official's signature also verifies that BMPs, SCMs, E&S Plan, PPC Plan, PCSM Plan, and other controls will be implemented to ensure that water quality standards and effluent limits are attained and that I will submit a Notice of Termination (NOT) to DEP/CCD upon final stabilization of the project site if I am the permittee or co-permittee at that time. I grant permission to DEP/CCD and EPA to enter the project site for inspection purposes. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment or both for knowing violations pursuant to Section 309(c)(4) of the Clean Water Act and 18 Pa. C.S.A. § 4904.

For applicants that are individuals or sole proprietors, check the box below and proceed to the signature section.

☐ **Individual / Sole Proprietor**

For all other applicants, select the applicable box after reviewing the certification below.

I hereby certify that I am the signatory pursuant to 25 Pa, Code § 92a.22 and 40 CFR § 122.22 and that I am the person who is responsible for decision-making regarding environmental compliance functions for the entity named below, the manager of one or more manufacturing, production, or operating facilities of the applicant and am authorized to make management decisions which govern the operation of regulated facility including having explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure the applicant's long-term environmental compliance with environmental laws and regulations, and I am responsible for ensuring that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements.

☐ **Corporation/Company:** I am the ☐ Responsible Corporate Officer ☒ President ☐ Vice President ☐ Secretary ☐ Treasurer ☐ Other: _____ for **M&G Realty, Inc.**

☐ **LLC:** I am a person either holding a position designated or individually listed on a "Certificate of Limited Liability Company Authority" filed with the Pennsylvania Department of State as a position/person with the authority to bind the company OR the person listed in the LLC's most current and active operating agreement as having the authority to bind the company. **Attach the applicable "Certificate of Limited Liability Company Authority" or operating agreement**. If the operating agreement is attached, identify the page and paragraph containing the applicable information.

☐ **Partnership:** I am a general partner of _____
☐ Partnership ☐ LP ☐ LLP

☐ **Government:** I am the principal executive officer or ranking elected official of _____
☐ Federal ☐ State ☐ Municipal ☐ Other

☐ **Power of Attorney / delegation of contractual authority** (documentation supporting delegation of contracting authority must be provided) for _____

Christopher Hartman
Name (type or print legibly)

President
Title

Signature

04/14/2026
Date Signed

pennsylvania
DEPARTMENT OF STATE

Business Search

As of 04/14/2026 we have processed all business filings received in our office through 04/12/2026.

Business Search Info:

M&G Realty, in *

Advanced

Results: 1

Filing Information	Initial Filing Date	Status
M & G REALTY, INC. (213610)	01/01/1960	Active

M & G REALTY, INC. (213610)

File Annual Report | Request Certificate

Initial Filing Date	01/01/1960
Status	Active
Formed In	PENNSYLVANIA
Filing Type	Domestic Business Corporation
Filing Subtype	Business
Annual Report Due Date	06/30/2026
Principal Address	2295 SUSQUEHANNA TRAIL SUITE C YORK, PA 17404
Registered Office	2100 N GEORGE ST YORK, PA 17404-0 County: York
Officers	President CHRISTOPHER N HARTMAN Secretary TODD M RUTTER Treasurer SCOTT E HARTMAN
Governors	Governor Scott E Hartman

View History | Request Access

Skip to main content

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTER FOR ENVIRONMENTAL EXCELLENCE

GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This form is used by the Department of Environmental Protection (DEP) to inform our programs regarding what other DEP permits or authorizations may be needed for the proposed project or activity. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the DEP.

Related ID#s (If Known)				DEP USE ONLY
Client ID#		**APS ID#**		Date Received & General Notes
Site ID#		**Auth ID#**		
Facility ID#				

CLIENT INFORMATION

DEP Client ID#	Client Type/Code	Dun & Bradstreet ID#
322121	PACOR	

Legal Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Is the EIN a SSN?
M & G Realty, Inc.	23-1567622	☐ Yes ☒ No

State of Incorporation or Registration of Fictious Name
Pennsylvania

☒ Corporation ☐ LLC ☐ Partnership ☐ LLP ☐ LP
☐ Sole Proprietorship ☐ Association/Organization
☐ Estate/Trust ☐ Other

Individual Last Name	First Name	MI	Suffix

Additional Individual Last Name	First Name	MI	Suffix

Mailing Address Line 1	Mailing Address Line 2
2295 Susquehanna Trail, Suite C	

Address Last Line – City	State	ZIP+4	Country
York	PA	17404-9601	US

Client Contact Last Name	First Name	MI	Suffix
Bieber	Tim		

Client Contact Title	Phone	Ext	Cell Phone
Site Development Project Manager	717-586-4860		

Email Address	FAX
tim.bieber@rutters.com	

SITE INFORMATION

DEP Site ID#	Site Name
	Rutters Huntingdon Store #93

EPA ID# **Estimated Number of Employees to be Present at Site** 45

Description of Site
Vacant lot that consists of open agricultural field and meadow

Tax Parcel ID(s): 44-2-66

County Name(s)	Municipality(ies)	City	Boro	Twp	State
Huntingdon	Smithfield	☐	☐	☒	PA
		☐	☐	☐	
		☐	☐	☐	

☐	☐	☐

Site Location Line 1	Site Location Line 2
William Penn Highway	

Site Location Last Line – City	State	ZIP+4
Huntingdon	PA	16652

Detailed Written Directions to Site

Traveling on I-99 near Altoona, PA follow I-99 S/US-220 S to exit 32 for Frankstown Road towards PA-36. After taking the exit, travel approximately 3.9 miles before turning left onto US-22 E. Follow US-22 E for approximately 23.6 miles. Turn left onto Old Crow Wetlands Road, with the site located just to the northwest.

Site Contact Last Name	First Name	MI	Suffix
Bieber	Tim		

Site Contact Title	Site Contact Firm
Site Development Project Manager	M & G Realty, Inc.

Mailing Address Line 1	Mailing Address Line 2
2295 Susquehanna Trail, Suite C	

Mailing Address Last Line – City	State	ZIP+4
York	**PA**	**17404-9601**

Phone	Ext	FAX	Email Address
717-586-4860			tim.bieber@rutters.com

NAICS Codes (Two- & Three-Digit Codes – List All That Apply) **6-Digit Code** (Optional)

23, 236

Client to Site Relationship

OWN

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. **Will this project modify an existing facility, system, or activity?**	☐	☒
2. **Will this project involve an addition to an existing facility, system, or activity?**	☐	☒

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

	Facility Type	DEP Fac ID#		Facility Type	DEP Fac ID#
☐	Air Emission Plant		☐	Industrial Minerals Mining Operation	
☐	Beneficial Use (water)		☐	Laboratory Location	
☐	Blasting Operation		☐	Land Recycling Cleanup Location	
☐	Captive Hazardous Waste Operation		☐	Mine Drainage Treatment / Land Recycling Project Location	
☐	Coal Ash Beneficial Use Operation		☐	Municipal Waste Operation	
☐	Coal Mining Operation		☐	Oil & Gas Encroachment Location	
☐	Coal Pillar Location		☐	Oil & Gas Location	
☐	Commercial Hazardous Waste Operation		☐	Oil & Gas Water Poll Control Facility	
☐	Dam Location		☐	Public Water Supply System	
☐	Deep Mine Safety Operation -Anthracite		☐	Radiation Facility	
☐	Deep Mine Safety Operation -Bituminous		☐	Residual Waste Operation	
☐	Deep Mine Safety Operation -Ind Minerals		☐	Storage Tank Location	
☐	Encroachment Location (water, wetland)		☐	Water Pollution Control Facility	
☐	Erosion & Sediment Control Facility		☐	Water Resource	
☐	Explosive Storage Location		☐	Other:	

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
from HGIS	40	29	22	78	2	11

Horizontal Accuracy Measure	Feet	x	*--or--*	Meters
Horizontal Reference Datum Code	☐	North American Datum of 1927		
	☒	North American Datum of 1983		
	☐	World Geodetic System of 1984		
Horizontal Collection Method Code	HGIS			
Reference Point Code	CNTAR			
Altitude	Feet	x	*--or--*	Meters
Altitude Datum Name	☐	The National Geodetic Vertical Datum of 1929		
	☐	The North American Vertical Datum of 1988 (NAVD88)		
Altitude (Vertical) Location Datum Collection Method Code				
Geometric Type Code				
Data Collection Date				
Source Map Scale Number		Inch(es)	=	Feet
--or--		Centimeter(s)	=	Meters

PROJECT INFORMATION

Project Name

Rutters Huntingdon Store #93

Project Description

Construction of a new Rutters convenience store on a vacant parcel, including necessecary site access and stormwater controls. The site will be redesigned using Managed Release Concept (MRC) due to the presence of pyritic shale. All infiltrarion BMP's and SCM's will be removed.

Project Consultant Last Name	First Name	MI	Suffix
Piper	Ben		

Project Consultant Title	Consulting Firm
Project Engineer	Keller Engineers, Inc.

Mailing Address Line 1	Mailing Address Line 2
420 Allegheny Street	

Address Last Line – City	State	ZIP+4
Hollidaysburg	PA	16648

Phone	Ext	FAX	Email Address
814-696-7430			bpiper@keller-engineers.com

Time Schedules	Project Milestone (Optional)
2023	Design, permitting, approvals
2023-2024	Construction
2024-2026	Redesign
2026+	Construction, operate facility

1. Is the project located in or within a 0.5-**mile radius of an Environmental Justice community as defined by DEP?** ☒ Yes ☐ No

   To determine if the project is located in or within a 0.5-mile radius of an environmental justice community, please use the online PennEnviroScreen tool. To see specific EJ areas, select the appropriate year of your submittal from the themes box on the right.

2. Have you informed the surrounding community prior to submitting the application to the Department? ☒ Yes ☐ No

   Method of notification: County & Municipal Notifications

3. **Have you addressed community concerns that were identified?** ☐ Yes ☐ No ☒ N/A

   If no, please briefly describe the community concerns that have been expressed and not addressed.

4. **Is your project funded by state or federal grants?** ☐ Yes ☒ No

   Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.

   Aspect of Project Related to Grant

   Grant Source: _____

   Grant Contact Person: _____

   Grant Expiration Date: _____

5. **Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions)** ☒ Yes ☐ No

   Note: If "No" to Question 5, the application is not subject to the Land Use Policy.

   If "Yes" to Question 5, the application is subject to this policy and the Applicant should answer the additional questions in the **Land Use Information** section.

LAND USE INFORMATION

Note: Applicants should submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1. **Is there an adopted county or multi-county comprehensive plan?** ☒ Yes ☐ No
2. **Is there a county stormwater management plan?** ☐ Yes ☒ No
3. **Is there an adopted municipal or multi-municipal comprehensive plan?** ☒ Yes ☐ No
4. **Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance?** ☒ Yes ☐ No

   Note: If the Applicant answers "No" to either Questions 1, 3 or 4, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 5 and 6 below.

   If the Applicant answers "Yes" to questions 1, 3 and 4, the Applicant should respond to questions 5 and 6 below.

5. **Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval?** If zoning approval has been received, attach documentation. ☒ Yes ☐ No
6. **Have you attached Municipal and County Land Use Letters for the project?** ☐ Yes ☒ No

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 at PHMC's online portal, PA-SHARE.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	**Is this a coal mining project?** If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	☐	Yes	☒	No
1.1	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?**	☐	Yes	☐	No
1.2	**Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?**	☐	Yes	☐	No
1.3	**Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?**	☐	Yes	☐	No
1.4	**For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No
1.5	**Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐	Yes	☐	No
1.6	**Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?**	☐	Yes	☐	No
2.0	**Is this a non-coal (industrial minerals) mining project?** If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	☐	Yes	☒	No
2.1	**Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?**	☐	Yes	☐	No
2.2	**Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?**	☐	Yes	☐	No
2.3	**Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?**	☐	Yes	☐	No
2.4	**For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?**	☐	Yes	☐	No

2.5	**Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?**	☐ Yes	☒ No
3.0	**Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well?** If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	☐ Yes	☒ No
3.1	**Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?**	☐ Yes	☐ No
3.2	**Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system?** If "Yes", discuss in *Project Description*.	☐ Yes	☐ No
3.3	**Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?**	☐ Yes	☐ No
4.0	**Will the project involve a construction activity that results in earth disturbance?** If "Yes", specify the total disturbed acreage.	☒ Yes	☐ No
	4.0.1 Total Disturbed Acreage 7.76		
	4.0.2 Will the project discharge or drain to a special protection water (EV or HQ) or an EV wetland?	☐ Yes	☒ No
	4.0.3 Will the project involve a construction activity that results in earth disturbance in the area of the earth disturbance that are contaminated at levels exceeding residential or non-residential medium-specific concentrations (MSCs) in 25 Pa. Code Chapter 250 at residential or non-residential construction sites, respectively?	☐ Yes	☒ No
5.0	**Does the project involve any of the following: water obstruction and/or encroachment, wetland impacts, or floodplain project by the Commonwealth/political subdivision or public utility?** If "Yes", respond to 5.1-5.7. If "No", skip to Question 6.0.	☐ Yes	☒ No
5.1	**Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?**	☐ Yes	☐ No
5.2	**Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?**	☐ Yes	☐ No

5.3	**Floodplain Projects by the Commonwealth, a Political Subdivision of the Commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?**	☐	Yes	☐	No
5.4	**Is your project an interstate transmission natural gas pipeline?**	☐	Yes	☐	No
5.5	**Does your project consist of linear construction activities which result in earth disturbance in two or more DEP regions AND three or more counties?**	☐	Yes	☐	No
5.6	**Does your project utilize Floodplain Restoration as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☐	No
5.7	**Does your project utilize Class V Gravity / Injection Wells as a best management practice for Post Construction Stormwater Management?**	☐	Yes	☐	No
6.0	**Will the project involve discharge of construction related stormwater to a dry swale, surface water, ground water or separate storm water system?**	☒	Yes	☐	No
6.1	**Will the project involve discharge of industrial waste stormwater or wastewater from an industrial activity or sewage to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?**	☐	Yes	☒	No
7.0	**Will the project involve the construction and operation of industrial waste treatment facilities?**	☐	Yes	☒	No
8.0	**Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations?** If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the *Project Description*, where applicable. **8.0.1 Estimated Proposed Flow (gal/day)** 1030	☒	Yes	☐	No
9.0	**Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?**	☒	Yes	☐	No
	9.0.1 Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	☒	Yes	☐	No
10.0	**Is this project for the beneficial use of biosolids for land application within Pennsylvania?** If "Yes" indicate how much (i.e. gallons or dry tons per year). **10.0.1 Gallons Per Year (residential septage)** **10.0.2 Dry Tons Per Year (biosolids)**	☐	Yes	☒	No

11.0	**Does the project involve construction, modification or removal of a dam?** If "Yes", identify the dam.	☐ Yes	☒ No
	11.0.1 Dam Name		
12.0	**Will the project interfere with the flow from, or otherwise impact, a dam?** If "Yes", identify the dam.	☐ Yes	☒ No
	12.0.1 Dam Name		
13.0	**Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)?**	☐ Yes	☒ No
	13.0.1 If "Yes", is the operation subject to the agricultural exemption in 35 P.S. § 4004.1?	☐ Yes	☐ No
	13.0.2 If the answer to 13.0.1 is "No", identify each type of emission followed by the estimated amount of that emission.		
	Enter all types & amounts of emissions; separate each set with semicolons.		
14.0	**Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year?** If "Yes," check all proposed sub-facilities.	☐ Yes	☒ No
	14.0.1 Number of Persons Served		
	14.0.2 Number of Employee/Guests		
	14.0.3 Number of Connections		
	14.0.4 Sub-Fac: Distribution System	☐ Yes	☐ No
	14.0.5 Sub-Fac: Water Treatment Plant	☐ Yes	☐ No
	14.0.6 Sub-Fac: Source	☐ Yes	☐ No
	14.0.7 Sub-Fac: Pump Station	☐ Yes	☐ No
	14.0.8 Sub-Fac: Transmission Main	☐ Yes	☐ No
	14.0.9 Sub-Fac: Storage Facility	☐ Yes	☐ No
15.0	**Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?**	☐ Yes	☒ No
16.0	**Is your project to be served by an existing public water supply?** If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	☒ Yes	☐ No
	16.0.1 Supplier's Name Huntingdon Borough Water Authority		
	16.0.2 Letter of Approval from Supplier is Attached	☒ Yes	☐ No
17.0	**Will this project be served by on-lot drinking water wells?**	☐ Yes	☒ No
18.0	**Will this project involve a new or increased drinking water withdrawal from a river, stream, spring, lake, well or other water bod(ies)?** If "Yes," reference Safe Drinking Water Program.	☐ Yes	☒ No
	18.0.1 Source Name		

19.0	**Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste?** If "Yes," indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed. **19.0.1 Type & Amount**	☐	Yes	☒	No
20.0	**Will your project involve the removal of coal, minerals, contaminated media, or solid waste as part of any earth disturbance activities?**	☐	Yes	☒	No
21.0	**Does your project involve installation of a field constructed underground storage tank?** If "Yes," list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **21.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No
22.0	**Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility?** If "Yes," list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **22.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No
23.0	**Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724?** If "Yes," list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **23.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No
24.0	**Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons?** If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. **24.0.1 Enter all substances & capacity of each; separate each set with semicolons.**	☐	Yes	☒	No
	NOTE: If the project includes the installation of a regulated storage tank system, including diesel emergency generator systems, the project may require the use of a Department Certified Tank Handler. For a full list of regulated storage tanks and substances, please go to www.dep.pa.gov search term storage tanks				
25.0	**Will the intended activity involve the use of a radiation source?**	☐	Yes	☒	No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

For applicants supplying an EIN number: I am applying for a permit or authorization from the Pennsylvania Department of Environmental Protection (DEP). As part of this application, I will provide DEP with an accurate EIN number for the applicant entity. By filing this application with DEP, I hereby authorize DEP to confirm the accuracy of the EIN number provided with the Pennsylvania Department of Revenue. As applicant, I further consent to the Department of Revenue discussing the same with DEP prior to issuance of the Commonwealth permit or authorization.

Type or Print Name Brian E. Smith

Signature	Title	Date
Brian E Smith	VP, Director of Land Development	

Pennsylvania Department of Environmental Protection

CHAPTER 102
NPDES INDIVIDUAL PERMIT
FACT SHEET

Revised 1/12/2026

The checklists contained in this fact sheet are intended to provide guidance to staff reviewing the NOI or application but are not intended to be inclusive of all administrative and technical considerations; staff may supplement the information in these checklists with additional factors prescribed under regulations.

Applicant and Project Information

Applicant Name:	M & G Realty, Inc	Application No.:	PAD310013 A-2
Applicant Address:	2295 Susquehanna Trail, Suite C	Project Name:	Rutters Huntingdon Store #93
City, State, ZIP:	York, PA 17404-9601	Project Address:	William Penn Hwy
County:	Huntingdon	City, State, ZIP:	Huntingdon, PA 16652
Municipality:	Smithfield Township	Receiving Water(s):	Wetlands to UNT to Juniata River
Application Type:	Major Amendment	Chapter 93 Class.:	WWF
Project Site Area:	8.39 acres	Disturbance Area:	7.67 acres

Project Description: Construction of a new Rutters convenience store on a vacant parcel, including necessecary site access and stormwater controls. The site will be redesigned using Managed Release Concept (MRC) due to the presence of pyritic shale.

☐ The entire project qualifies as a site restoration project.

☐ The project involves floodplain restoration or gravity wells

☐ SPEED QP Name: QP Company:

Reviews:
- ☑ Completeness — Completed By: Huntingdon County Conservation District
- ☑ E&S Technical — Completed By: Huntingdon County Conservation District
  - ☐ E&S Standard Checklist
  - ☑ E&S Expanded Checklist
- ☑ PCSM Technical — Completed By: DEP Southcentral Regional Office

Recommendations and Signatures

Recommended Action	Name / Signature	Title	Date
Issue Final Permit	Tyne Blazier	Huntingdon County District Manager	7/10/2026
Issue Final Permit	Matt Zeigler	Senior Civil Hydraulic Engineer	7/15/2026
Issue Final Permit	Nathan Phillips	DEP Permits Section Chief	7/14/2026

Pennsylvania Department of Environmental Protection

CHAPTER 102
NPDES INDIVIDUAL PERMIT
FACT SHEET

Revised 1/12/2026

Reviewed By: J. Wall Office: Huntingdon County Conservation District

NPDES INDIVIDUAL COMPLETENESS REVIEW CHECKLIST

	COMPLETENESS ITEM	TRUE	FALSE	N/A	Citation
1	All applicable sections of the application (3800-PM-BCW0408b) are complete.	✓			§ 102.6(a)(1)
a.	The Compliance History section appears to be accurate and there are no conditions per the SOP that would preclude issuance for compliance history.	✓			
b.	The person who signed the application is either: 1) a responsible corporate officer (president, vice president, secretary, treasurer, or manager authorized to make decisions); 2) a general partner or proprietor; or 3) a principal executive officer or ranking elected official.	✓			
c.	The Total Area of Earth Disturbance as reported in the Project Site and Earth Disturbance Information Section of the application appears to be accurate based on the LOD shown on E&S Plan Drawings.	✓			
d.	If any portion of the site is in an HQ/EV watershed or is contaminated (soil exceeding Act 2 standards) or if there are discharges to impaired waters (including Chesapeake Bay), the applicant is proposing to use non-discharge alternatives or ABACT BMPs.			✓	
2	The General Information Form (GIF) (4700-PM-CEE0001) has been submitted, is generally complete, and has been signed by someone identified in 1.b above.	✓			§ 102.6(a)(1)
3	The Administrative Filing Fee ($1,500) and CCD-specific fees were submitted (as applicable).	✓			§ 102.6(b)(1)
4	The correct Disturbed Acreage Fee was submitted ($100 x Total Acres Earth Disturbance reported in the Earth Disturbance Information Section of the application, rounded to the nearest whole acre).			✓	§ 102.6(b)(1)
5	The County Notification Form (3800-FM-BCW0271b) has been submitted.	✓			§ 102.6(a)(1)
a.	The county has signed the form.	✓			
6	The Municipal Notification Form (3800-FM-BCW0271c) has been submitted.	✓			§ 102.6(a)(1)
a.	The municipality has signed the form.	✓			
7	Proof of county and/or municipal receipt of notification forms was submitted.			✓	§ 102.6(a)(1)
8	A valid PNDI receipt was submitted.	✓			§ 102.6(a)(2)
a.	The receipt is not expected to expire prior to anticipated authorization of permit coverage.	✓			
b.	The receipt is a final (not draft) receipt.	✓			
9	PNDI clearance letter(s) from the appropriate agencies were submitted.	✓			§ 102.6(a)(2)
10	E&S Module 1 (3800-PM-BCW0406a) was submitted.	✓			§ 102.6(a)(1)
a.	All applicable questions in Module 1 have been completed.	✓			
11	Final E&S Plan Drawings were submitted (not identified as "preliminary").	✓			§ 102.4(b)(5)(ix)
a.	E&S BMPs shown on Drawings align with BMPs identified in Module 1.	✓			
b.	The Drawings include existing and proposed topography (including any temporary contours) with appropriate contour labels.	✓			§ 102.4(b)(5)(i)
c.	The Drawings include the project site boundary.	✓			§ 102.4(b)(5)(iii)
d.	The Drawings include the limit of earth disturbance within the project site.	✓			
e.	The Drawings show receiving surface water(s) and watershed boundaries, if applicable, within the project site and floodway or floodplain.	✓			§ 102.4(b)(5)(v)
f.	The Drawings identify all discharge points.	✓			§ 102.4(b)(5)(ix)
g.	The Drawings show the location of all BMPs and drainage areas to the BMPs as applicable.	✓			§ 102.4(b)(5)(vi)
h.	The Drawings show existing and proposed utilities and site improvements.	✓			§ 102.4(b)(5)(iii)

i.	The Drawings show existing and proposed riparian buffer(s), if applicable.			✓	§ 102.4(b)(5)(xv)
j.	The Drawings show proposed off-site support activities, if applicable.			✓	§ 102.4(b)(5)(iii)
k.	The Drawings provide for protection of infiltration PCSM SCMs until drainage areas are completely stabilized, if applicable.	✓			§ 102.4(b)(5)(vii)
l.	The Drawings provide a sequence of BMP installation and removal in relation to the scheduling of earth disturbance activities, prior to, during and after earth disturbance activities.	✓			
m.	The Drawings (or separate narrative) identify a maintenance program which provides for the operation and maintenance of BMPs and the inspection of BMPs on a weekly basis and after each stormwater event.	✓			§ 102.4(b)(5)(x)
n.	The Drawings (or separate narrative) identify procedures which ensure that proper measures for the recycling or disposal of materials associated with or from the project site will be undertaken.	✓			§ 102.4(b)(5)(xi)
o.	The Drawing(s) show the Avoidance Measures specified on the signed PNDI receipt, if applicable.	✓			§ 102.4(c)
p.	The Drawing(s) show E&S BMP construction or installation details.	✓			§ 102.4(b)(5)(ix)
12	E&S Standard Worksheets (or equivalent) and supporting calculations were submitted.	✓			§ 102.4(b)(5)(viii)
13	PCSM Module 2 (3800-PM-BCW0406b) was submitted.	✓			§ 102.6(a)(1)
a.	All applicable questions in Module 2 have been completed.	✓			
b.	A printout or file containing ***DEP's Pre-Development Site Characterization (PDSC) Spreadsheet*** was submitted.	✓			
14	Final PCSM Plan Drawings were submitted (not identified as "preliminary").	✓			§ 102.8(f)(9)
a.	PCSM SCMs shown on Drawings align with SCMs identified in Module 2 and ***DEP's PCSM Spreadsheet*** (as applicable).	✓			
b.	The Drawing(s) include existing and proposed topography with appropriate contour labels.	✓			§ 102.8(f)(1)
c.	The Drawing(s) include the project site boundary and limit of disturbance.	✓			§ 102.8(f)(3)
d.	The Drawing(s) show receiving surface water(s) and watershed boundaries, if applicable, within the project site and floodway or floodplain.	✓			§ 102.8(f)(5)
e.	The Drawing(s) identify all discharge points and points of analysis.	✓			§ 102.8(f)(9)
f.	The Drawing(s) show the location of all SCMs with identifiers cross-referenced to PCSM Module 2.	✓			§ 102.8(f)(6)
g.	Details were provided for all PCSM SCMs.	✓			§ 102.8(f)(9)
h.	The Drawing(s) show existing and proposed utilities and site improvements.	✓			§ 102.8(f)(3)
i.	The Drawing(s) show existing and proposed riparian buffer(s), if applicable.			✓	§ 102.8(f)(14)
j.	The Drawing(s) show proposed off-site support activities, if applicable.			✓	§ 102.8(f)(3)
k.	The Drawing(s) show the Avoidance Measures specified on the signed PNDI receipt, if applicable.	✓			§ 102.8(f)(15)
l.	The Drawing(s) show the sequence of PCSM SCM implementation and identify a schedule of inspections for critical stages of SCM installation.	✓			§ 102.8(f)(7)
m.	The Drawing(s) provide a long-term operation and maintenance (O&M) schedule.	✓			§ 102.8(f)(10)
n.	The Drawing(s) provide procedures for recycling or disposing of materials.	✓			§ 102.8(f)(11)
o.	The Drawing(s) show sensitive features including sinkholes, surface depressions, soil contamination hot spots, and wetlands, if applicable.	✓			§ 102.8(f)(2)
p.	The Drawing(s) show the location of test pits or borings used for infiltration testing as cross-referenced to the ***PDSC Spreadsheet***.	✓			§ 102.8(g)(1)
q.	The Drawings show the location of all SCMs and drainage areas to the SCMs as applicable.	✓			§ 102.8(f)(9)
15	SCM design calculations were submitted (e.g., hydrographs and other model output or calculations).	✓			§ 102.8(f)(8)
16	Pre- and post-construction runoff volumes were calculated using ***DEP's PCSM Spreadsheet - Volume Worksheet*** or stormwater analysis calculations were submitted that quantify the pre- and post-construction runoff volumes and pollutant loads up to the 2-year/24-hour storm.	✓			§ 102.8(g)(2)

17	A printout or file containing ***DEP's PCSM Spreadsheet - Volume Worksheet*** was submitted and completed in full.	✓			§ 102.8(g)(2)
	a. Calculations were provided that demonstrate how the net change in volume up to the 2-year/24-hour storm will be managed or how an Act 167 or alternative design standard will be met through SCMs.	✓			
18	A printout or file containing ***DEP's PCSM Spreadsheet – Rate Worksheet*** was submitted and completed in full (*the complete worksheet rather than the Summary of Peak Rates table was completed*).	✓			§ 102.8(g)(3)
	a. Calculations were provided to quantify pre- and post-construction peak rates for the 2-, 10-, 50-, and 100-year/24-hour storms.	✓			
	b. Calculations were provided that demonstrate how the net change in rate for the 2-, 10-, 50-, and 100-year/24-hour storms will be managed or how an Act 167 or alternative design standard will be met through SCMs.	✓			
19	A printout or file containing ***DEP's PCSM Spreadsheet – Quality Worksheet*** was submitted.	✓			§ 102.8(g)(2)
20	A wetland determination report was submitted if E&S Module 1 identified hydric soils.	✓			§ 102.4(b)(5)(v)
	a. Wetlands were identified on-site.	✓			
	b. A wetland delineation report was submitted with a map identifying the wetland boundaries on the project site.	✓			
21	An Act 537 sewage planning approval letter was submitted.	✓			§ 102.6(a)(1)
22	An Act 2 release of liability letter was submitted (applicable if the Project Site and Earth Disturbance Information section of the application indicates the site is enrolled or was previously enrolled in the Act 2 program).			✓	§ 102.6(a)(1)
23	Test pit / boring logs for the pre-development site characterization were submitted.	✓			§ 102.8(g)(1)
24	Phase I or II Environmental Site Assessment(s) (ESA(s)) were submitted.			✓	§ 102.4(b)(5)(ii)
25	A Pollutant Characterization and Minimization (PCM) Plan has been submitted for known contaminated soils or groundwater on-site.			✓	§ 102.4(b)(5)(ii)
	a. ABACT E&S BMPs are specified during construction, at a minimum.			✓	
	b. A Professional Geologist (PG), certified Soils Scientist, or other licensed professional with experience and training in the fate and transport of pollutants in soils has evaluated the site to determine if additional E&S BMPs should be implemented during construction activities to minimize the discharge of pollutants.			✓	
	c. A PG, certified Soils Scientist, or other licensed professional with experience and training in the fate and transport of pollutants in soils has evaluated the site to determine the feasibility of infiltration-based PCSM SCMs.			✓	
	d. For sites with contaminated groundwater, a PG or other licensed professional with training and experience in hydrogeology has evaluated the site to determine whether infiltration-based PCSM SCMs will promote off-site migration of a contaminant plume through the use of modeling software.			✓	
	e. A map showing the extent of groundwater contamination on-site has been submitted with pollutant concentrations and sampling locations, if applicable.			✓	
26	If contamination is present on-site, a map showing the extent of soil contamination has been submitted.			✓	§ 102.4(b)(5)(ii)
27	A map showing the area investigated for pre-development infiltration capabilities, which corresponds to the area identified in the ***PDSC Spreadsheet*** , has been submitted.	✓			§ 102.8(g)(1)
28	If the site is in an active karst area, a geotechnical report has been submitted to document subsurface conditions on-site.			✓	§ 102.8(g)(1)
29	One or more MRC SCMs is proposed.	✓			§ 102.8(f)(8)
	a. For MRC SCMs meeting the Simplified MRC Design Standards, an MRC Simplified Design Spreadsheet has been completed and submitted.			✓	
	b. For MRC SCMs not meeting the Simplified MRC Design Standards, the MRC Spreadsheet has been completed and submitted.	✓			
30	If the applicant is a private business, legal documentation identifying members, owners, partners, etc. has been submitted.	✓			§ 102.6(a)(1)

31	Erosion Potential (EP) Analysis Form(s) (3800-FM-BCW0271h) were submitted for each discharge point (DP) expected to receive concentrated flows during and following construction.			✓	
	a. Color photos of proposed flow paths have been attached to the form(s).			✓	
	b. Critical section(s) of flow paths where EP Analysis has been completed are shown on E&S and/or PCSM Drawings.			✓	§ 102.4(c)
	c. Calculations documenting peak discharge rate from SCMs at the 10-year/24-hour storm have been submitted.			✓	
	d. Calculations documenting the maximum velocity or shear stress expected at critical sections have been submitted.			✓	
32	If there will be an increase in volume, rate, or pollutant loads to an MS4 or CSS, the MS4/CSS Notification Form (3800-FM-BCW0271f) has been submitted and signed by the MS4/CSS permittee acknowledging the increase.			✓	§ 102.6(a)(1)
33	Antidegradation Analysis Module 3 (3800 PM BCW0406c) was submitted due to proposed discharges to HQ/EV waters or impaired waters.	✓			§§ 102.4(b)(6) and 102.8(h)
	a. All applicable questions in Module 3 have been completed.				
34	Riparian Buffer Module 4 (3800-PM-BCW0406d) was submitted if the project site boundary will extend to within 150 feet of a perennial or intermittent river, stream, creek, lake, pond or reservoir with a designated use of HQ or EV.			✓	§ 102.14
	a. All applicable questions in Module 4 have been completed.	✓			
	b. Worksheets 12 and 13 from DEP's BMP Manual and Worksheets 14 and 15 from DEP's Riparian Buffer or Riparian Forest Buffer Equivalency Demonstration (Document ID No. 310-2135-002) have been submitted.			✓	
	c. The Checklist for Functional Equivalency of Riparian Buffers and Riparian Forest Buffers as contained in DEP's Riparian Buffer or Riparian Forest Buffer Equivalency Demonstration (310-2135-002) was submitted.			✓	35 P.S. § 691.402(c)
	d. Authorization from an off-site property owner has been provided for implementation of a riparian forest buffer offset.			✓	
35	Proof of coordination with PHMC (i.e., PHMC review letter) was submitted.			✓	§ 102.6(a)(1)
36	One or more level spreaders are proposed where the level spreader will not result in a direct discharge to a surface water.			✓	
	a. Calculations have been submitted demonstrating sheet flow immediately below the level spreader (flow depth of less than 0.1 foot).			✓	§ 102.4(c)
	b. An EP Analysis has been submitted for the flow path below the level spreader(s).			✓	

Reviewer Comments:

Pennsylvania Department of Environmental Protection

CHAPTER 102
NPDES INDIVIDUAL PERMIT
FACT SHEET

Revised 1/12/2026

Reviewed By: J. Wall Office: Huntingdon County Conservation District

Date of Original E&S Plan Drawings: 6/6/2024 Date of Final Approved E&S Plan Drawings: 4/16/2026

EXPANDED E&S TECHNICAL REVIEW CHECKLIST

REVIEW ITEM	COMPLIES	DEFICIENT	N/A	Citation
1 The E&S Plan was prepared by a person trained and experienced in E&S control methods and techniques applicable to the size and scope of the project being designed.	✓			§ 102.4(b)(3)
2 Existing topographic features of the project site and the immediate surrounding area are provided.				§ 102.4(b)(5)(i)
a. **E&S Module 1:**				
(i) Question 1 (describe existing topographic features) is complete.	✓			
b. **E&S Plan Drawings:**				
(i) Printing and numbering can be easily read.	✓			
(ii) Scale is large enough to clearly depict the topography.	✓			
(iii) Clutter has been avoided.	✓			
(iv) Match lines provided for adjacent sheets.	✓			
(v) Contour lines are easily visible and labeled at 10' maximum intervals.	✓			
(vi) Maximum contour interval is 2 feet.	✓			
(vii) Vegetative cover is shown on Drawing(s).	✓			
(viii) Existing roadways on or adjacent to site are identified.	✓			
(ix) Existing buildings on or adjacent to site are shown.	✓			
(x) Existing utilities (water, sewer, power, gas, etc.) are shown.	✓			
(xi) Maximum drainage areas to E&S BMPs delineated (on- and off-site).	✓			
(xii) All symbols used on the maps are clearly identified	✓			
(xiii) North arrow provided on each map	✓			
(xiv) Site is identified on legible photo copy of appropriate Quad Map(s)	✓			
(xv) Quad Name(s) provided.	✓			
3 The types, depth, slope, locations and limitations of the soils are addressed.				§ 102.4(b)(5)(ii)
a. **E&S Module 1:**				
(i) The soils map table (Question 2.a) is complete.	✓			
(ii) Site-specific soil limitations are identified in 2.a and described in 2.b.	✓			
(iii) Hydric soils are indicated in Question 2.a	✓			
(a) A wetland determination (report) is attached to the module.	✓			
(b) A wetland delineation report is attached to the module.				
b. **E&S Plan Drawings:**				
(i) Soil boundaries clearly shown on plan maps	✓			
(ii) Legible photo copy of NRCS soil map with site outline provided	✓			
(iii) Soil symbols identified	✓			
4 The characteristics of the earth disturbance activity, including the past, present, and proposed land uses and the proposed alteration to the project site are addressed.				§ 102.4(b)(5)(iii)
a. **E&S Module 1:**				
(i) Question 3 (past, present and proposed land uses) is adequately addressed (including identification of historical industrial uses, dumps, orchards, mining areas, etc. if applicable)	✓			
b. **E&S Plan Drawings:**				
(i) Project site boundary is clearly shown.	✓			
(ii) Limit of disturbance is clearly shown and within project site boundary.	✓			
(iii) Boundaries of phases are clearly shown, if applicable.			✓	
(iv) Proposed grading is shown.	✓			
(v) Proposed contours are solid lines (darker than existing contours).	✓			
(vi) Proposed contours tie into existing contours.	✓			
(vii) Proposed channels, swales, and pipes clearly shown and labeled.	✓			
(viii) Transition points for all waterways clearly shown.			✓	
(ix) PCSM SCM locations clearly shown.	✓			

(x) Inlets identified and labeled.	✓			
(xi) Proposed discharge points clearly shown and labeled.	✓			
(xii) Proposed roadways (including temporary access) clearly shown.	✓			
(xiii) Proposed building footprints (if known) clearly shown.	✓			
(xiv) Lot boundaries and lot numbers are identified.	✓			
(xv) Proposed utility mainlines (including sanitary) clearly shown.	✓			
(xvi) Station numbers provided.			✓	
(xvii) Proposed stockpile locations shown.	✓			
5 The volume and rate of runoff from the project area and its upstream watershed area are described.				
a. **E&S Module 1:**				
(i) Question 4 (describe the volume and rate of runoff and the management of the runoff) is adequately addressed.	✓			
b. **E&S Plan Drawings:**				
(i) Flow paths for concentrated runoff flows are shown all the way to surface waters (including discharges to storm sewers).	✓			
(ii) Critical sections of flow paths where EP Analyses were completed are shown.			✓	§ 102.4(b)(5)(iv)
(iii) Off-site drainage drainage areas and diversions for off-site stormwater are shown.	✓			
(iv) Off-site lot numbers or UPIs and property owners are identified when there are off-site discharges to those properties.	✓			
c. **Erosion Potential (EP) Analysis:**				
(i) All EP Analyses demonstrate that calculated shear or velocity will be less than allowable shear or velocity at critical sections of concentrated flow paths during construction.			✓	
6 The location of all surface waters of this Commonwealth which may receive runoff within or from the project site and their classification under Chapter 93 is provided.				
a. **NOI (Stormwater Discharge Information):**				
(i) All surface waters that will receive discharges are identified.	✓			
(ii) The Chapter 93 existing uses of all surface waters are identified.	✓			
b. **E&S Plan Drawings:**				§ 102.4(b)(5)(v)
(i) All existing surface waters within or adjacent to the site are shown on drawings and are labeled.	✓			
(ii) All existing wetlands and springs are shown on drawings.	✓			
(iii) Wetlands shown are consistent with delineation report	✓			
(iv) For streams with a FEMA study the 100-year floodway is shown.			✓	
(v) Receiving waters beyond plan map coverage shown on USGS map.	✓			
7 A narrative description of the location and type of perimeter and on-site BMPs used before, during and after the earth disturbance activity is provided.				
a. **E&S Module 1:**				§ 102.4(b)(5)(vi)
(i) Question 5 (BMP table) has been completed.	✓			
(ii) The type and number of BMPs and deviations from the E&S Manual reported in E&S Module 1 match E&S Plan Drawings.	✓			
8 A sequence of BMP installation and removal in relation to the scheduling of earth disturbance activities, prior to, during and after earth disturbance activities that ensure the proper functioning of all BMPs is provided.				
a. **E&S Plan Drawings:**				
(i) A complete and site-specific sequence of BMP installation is provided.	✓			
(ii) Access to site and perimeter BMPs is identified.	✓			
(iii) Suitable BMPs are in place for clearing and grubbing and demolition operations.	✓			
(iv) The sequence addresses installation of all proposed E&S BMPs.	✓			
(v) The plans include proper handling of base flow during work within stream channels, where applicable.			✓	
(vi) Runoff from access roads and utility lines are properly addressed.			✓	
(vii) BMPs outletting to proposed structures are adequately addressed.	✓			
(viii) Suitable BMPs are in place for all stages of construction.	✓			
(ix) Appropriate instructions are provided to avoid compaction in areas of proposed infiltration SCMs.	✓			§ 102.4(b)(5)(vii)
(x) "Special Value areas" are outside the limit of disturbance.	✓			

	(xi) Initial clearing is limited to areas of perimeter BMPs.	✓			
	(xii) The sequence addresses field-marking the limit of disturbance.	✓			
	(xiii) Cuts and fills are stabilized in regular vertical increments.	✓			
	(xiv) Limits are placed on utility trenching.	✓			
	(xv) Disturbed subareas will be stabilized upon reaching final grade.	✓			
	(xvi) Blanketing is specified for disturbances in critical areas.	✓			
	(xvii) Instructions provided for topsoil replacement, addition of soil amendments, seeding and mulching.	✓			
	(xviii) Conditions of stabilization are adequately defined.	✓			
	(xix) Specific instructions given for removal/conversion of basins and traps.			✓	
	(xx) Removal of all temporary BMPs is addressed.	✓			
9	Supporting calculations and measurements and Plan Drawings are provided.				
a.	**E&S Plan Drawings - General:**				
	(i) Plan Drawings meet standards in Appendix D of the E&S Manual.	✓			§ 102.4(b)(5)(ix)
	(ii) Standard Notes are present in Drawings.	✓			
	(iii) Appropriate Optional Notes are present in Drawings.	✓			
	(iv) Grading Standards are present in Drawings.	✓			
b.	**E&S Plan Drawings - Site Access (Chapter 3):**				
	(i) Rock Construction Entrances provided where needed.	✓			
	(a) Standard Construction Detail # 3-1 and/or 3-2 provided.	✓			
	(ii) Temporary and Permanent Access Roads shown.			✓	
	(a) Standard Construction Detail # 3-3 and/or 3-4 provided.			✓	
	(iii) Broad-based Dips used on active haul roads.			✓	
	(a) Standard Construction Detail # 3-6 and/or 3-7 provided.			✓	
	(b) Spacing complies with Table 3.2.			✓	
	(iv) Open-top Culverts used on active haul roads.			✓	
	(a) Standard Construction Detail #3-8 provided.			✓	
	(v) Water Deflectors used on haul roads.			✓	
	(a) Standard Construction Detail #3-9 provided.			✓	
	(vi) Ditch Relief Culverts used on haul roads.			✓	
	(a) Standard Construction Detail #3-10 provided.			✓	
	(b) Spacing complies with Tables 3.3 or 3.4.			✓	
	(vi) Turnouts provided where needed on haul roads.			✓	§ 102.4(b)(5)(ix)
	(vii) Compost Filter Sock Trap provided where needed.			✓	
	(viii) Temporary Stream Crossings provided where needed.			✓	
	(a) Standard Construction Detail # 3-12 or 3-13 provided.			✓	
	(b) Standard Construction Detail # 3-14 provided.			✓	
	(c) Figure 3.4 provided for temporary bridges.			✓	
	(ix) Temporary Wetland Crossings provided where needed.			✓	
	(a) Figure 3.5, 3.6, or 3.7 provided.			✓	
	(x) Figure 3.9 provided where Causeway is proposed.			✓	
	(xi) Temporary Bypass System provided for in-stream work.			✓	
	(a) Figure 3.9, 3.10, 3.11, or 3.12 provided.			✓	
	(b) Standard Construction Detail #3-15 or Figure 3.12 provided for coffer dams.			✓	
	(xii) Silt Curtain details comply with Figure 3.14, 3.15, 3.16, or 3.17.			✓	
	(xiii) Pumped Water Filter Bags provided where needed.	✓			
	(a) Standard Construction Detail # 3-16 provided.	✓			
	(xiv) Standard Construction Detail #3-17 provided for sump pits.			✓	
c.	**E&S Plan Drawings and Worksheets - Sediment Barriers (Chapter 4):**				
	(i) All sediment barriers are shown on existing level contour.	✓			
	(ii) Barrier Ends extended upslope or tied into constructed berms.	✓			
	(iii) Sediment barriers avoid concentrated flows.	✓			
	(iv) Slope lengths comply with Figure 4.2, Figure 4.3 or Table 4.4.	✓			
	(v) Typical details are provided for each type of barrier proposed.	✓			
	(vi) Details comply with standard details in Chapter 4 (including notes).	✓			
	(vii) Standard Construction Detail #4-3 and/or 4-4, or 4-5 provided for Weighted Sediment Filter Tubes.			✓	
	(viii) Standard Construction Detail #4-6 provided.			✓	§§

	(ix) Standard Construction Detail #4-11 provided for Sediment Filter Log.			✓	§§ 102.4(b)(5)(viii) and (ix)
	(x) Standard Construction Detail #4-12 provided for Wood Chip Berm.			✓	
	(xi) Vegetative Filter Strip complies with Table 4.6.			✓	
	(xii) Standard Worksheet #1 completed for Compost Filter Socks.	✓			
	(xiii) Standard Worksheet #2 completed for Compost Filter Berms.			✓	
	(xiv) Standard Worksheet #3 completed for Standard Silt Fence.			✓	
	(xv) Standard Worksheet #4 completed for Reinforced Silt Fence.			✓	
	(xvi) Standard Worksheet #5 completed for Alt. Reinforced Silt Fence.			✓	
	(xvii) Standard Worksheet #6 completed for Super Silt Fence.			✓	
	(xviii) Standard Worksheet #7 completed for Straw Bale Barriers.			✓	
	(xix) Standard Worksheet #8 completed for Rock Filters.			✓	
✚	d. **E&S Plan Drawings and Worksheets - Channels (Chapter 6):**			✓	§§ 102.4(b)(5)(viii) and (ix)
	(i) All proposed channels shown and labeled on Drawings.			✓	
	(ii) Channel locations are accessible.			✓	
	(iii) Conflicts with utility lines, roadways, buildings, cuts & fills avoided.			✓	
	(iv) Sharp turns and flow obstructions avoided.			✓	
	(v) Steep slope problems avoided.			✓	
	(vi) Temporary Crossings provided where needed.			✓	
	(vii) Diversions located upslope of disturbed areas.			✓	
	(viii) Diversions and Outlet Channels discharge to waterways or adequately sized storm sewers.			✓	
	(ix) Collectors located below disturbed areas.			✓	
	(x) Collectors discharge to upslope sides of basins or traps.			✓	
	(xi) Outlet channels protected from adjacent disturbed areas.			✓	
	(xii) Positive grade provided throughout length of channel.			✓	
	(xiii) Channel Bed slopes consistent with those used in calculations.			✓	
	(xiv) Drainage Areas are maximums for life of each channel.			✓	
	(xv) Typical detail provided for each channel shape and lining.			✓	
	(xvi) Manufacturer's installation & stapling details provided.			✓	
	(xvii) All critical dimensions specified.			✓	
	(xviii) Dimensions and linings consistent with those in calculations.			✓	
	(xix) Temporary liners provided for Vegetated channels.			✓	
	(xx) Underlayment specified for Riprap channels.			✓	
	(xxi) Transition Zones identified (change in lining).			✓	
	(xxii) No rock filters or check dams during earthmoving operations.			✓	
	(a) Peak flow calculations provided for all channels.			✓	
	(xxiii Standard Worksheet #s 9 and 10 used for Rational Equation.			✓	
	(a) Weighted Coefficients used for mixed cover drainage areas.			✓	
	(b) 2-Yr/1-Hr Storm used for Temporary Channels.			✓	
	(c) 5-Yr/1-Hr Storm used for Temps in Special Protection.			✓	
	(d) 10-Yr/1-Hr Storm used for Permanent Channels.			✓	
	(e) Overland flow $\leq$ 150 feet.			✓	
	(f) Shallow Concentrated Flow Consistent with Figure 5.1.			✓	
	(xxiv) Standard Worksheet # 11 completed properly.			✓	
	(a) All channels addressed (including Outlet channels for basins and traps).			✓	
	(b) Multipliers (1.6, 2.25, 2.75) used properly.			✓	
	(c) Significant changes in Channel Bed Slope addressed.			✓	
	(d) Manning's "n" adjusted for flow conditions.			✓	
	(e) $Q \geq Q_r$			✓	
	(f) $D \geq d$ + Minimum Required Freeboard.			✓	
	(g) Flow Width:Flow Depth Ratios $\leq$ 12 w:1 d.			✓	
	(h) $V \leq V_a$			✓	
	(i) $\tau_d \leq \tau_a$			✓	
	(j) 2 sets of calcs provided for Vegetated Channels (one for temporary liner and one for vegetated condition)			✓	
✚	e. **E&S Plan Drawings and Worksheets - Sediment Basins (Chapter 7):**			✓	
	(i) All proposed sediment basins shown and labeled on Drawings.			✓	
	(ii) Basin locations are accessible.			✓	
	(iii) Conflicts with utility lines, roadways, buildings, cuts & fills avoided.			✓	

(iv)	Steep slopes avoided.			✓	
(v)	Basins located below disturbed areas.			✓	
(vi)	Stream channels and wetlands avoided.			✓	
(vii)	Drainage Areas are maximums for life of each basin.			✓	
(viii)	Construction Detail provided for each basin.			✓	
(a)	Interior and Exterior contours provided on each detail.			✓	
(b)	Principal and Emergency spillway locations shown.			✓	
(c)	All proposed baffles, silt curtains, and forebays shown.			✓	
(d)	Sediment clean-out stake location shown.			✓	
(e)	Bottom elevation above seasonal high-water table, adjacent wetlands, or perennial stream.			✓	
(f)	Required flow lengths, turbidity barrier or forebay provided.			✓	
(ix)	Typical cross-section provided for each type of principal spillway.			✓	
(a)	All critical dimensions and elevations shown.			✓	
(b)	Sediment clean-out elevation $\geq$ 1 ft above basin bottom.			✓	
(c)	18" permanent pool provided where needed.			✓	
(d)	Dimensions and elevations consistent with those in calcs.			✓	
(e)	Z1 + Z2 $\geq$ 5			✓	
(f)	Z1 and Z2 $\geq$ 3 for permanent basin.			✓	
(g)	Embankment Top Width $\geq$ 8 feet.			✓	
(h)	Key trench and anti-seep collars shown.			✓	
(i)	Impervious core shown.			✓	
(x)	Typical Detail provided for each type of principal spillway.			✓	
(a)	All critical dimensions and elevations shown.			✓	
(b)	Dimensions and elevations consistent with those in calcs.			✓	
(c)	Standard Construction Detail # 7-5 provided.			✓	
(d)	Typical provided for Anti-seep Collars.			✓	
(e)	Typical provided for Outlet Barrel in Concrete Bed.			✓	
(f)	Typical Filter Diaphragm Detail provided where needed.			✓	
(g)	Standard Construction Detail #7-10 provided where needed.			✓	
(h)	Standard Construction Detail #7-11 provided where needed.			✓	
(xi)	Skimmer Details provided.			✓	
(a)	Standard Construction Detail # 7-1 provided.			✓	
(b)	Standard Construction Details 7-2, 7-3 and 7-4 provided.			✓	
(c)	Orifice diameter consistent with Figure 7.2.			✓	
(xii)	Emergency spillway detail(s) provided.			✓	§§ 102.4(b)(5)(viii) and (ix)
(a)	Protective liner extends beyond toe of embankment.			✓	
(xiii)	Specs provided for embankment materials and compaction.			✓	
(xiv)	Baffle, silt curtain, forebay detail provided.			✓	
(xv)	Cleanout stake detail provided.			✓	
(xvi)	Basin Dewatering Device Detail provided.			✓	
(xvii)	Basins Discharge to surface waters or approved alternative.			✓	
(xviii)	Standard Worksheet #12 properly completed.			✓	
(a)	Total Storage Volume $\geq$ Total Required Storage Volume.			✓	
(b)	Justification exists for all Storage Volume Reductions.			✓	
(c)	Proper Dewatering Time provided.			✓	
(d)	Proper Total Basin Discharge Capacity provided.			✓	
(e)	Principal Spillway Discharge Capacity $\geq$ 10 Yr/1 Hr Storm.			✓	
(f)	If not discharging to a surface water, calcs provided to show accelerated erosion not a problem.			✓	
(xix)	Standard Worksheet #13 properly completed.			✓	
(a)	Elevation 4 is at least 0.5 ft above Elevation 3.			✓	
(b)	Elevation 6 is at least 2.0 ft above Elevation 5.			✓	
(c)	Elevation 6 is at least 1.0 ft above Elevation 5 with Discharge Capacity for 100-year storm (on Worksheet #12).			✓	
(d)	Required Flow Length:Width Ratio at Elevation 3 provided.			✓	
(e)	Emergency Spillway provided.			✓	
(xx)	Standard Worksheet #14 properly completed.			✓	
(a)	Storage Volume at Water Surface Elevation equal to Top of Settling Volume is $\geq$ "Total Storage Volume Provided" on Worksheet #12.			✓	

	(b) Storage Volume at Water Surface Elevation equal to Top of Sediment Storage Volume "Required Sediment Storage Volume" on Worksheet #12.			✓	
	(xxi) Standard Worksheet #15 properly completed.			✓	
	(a) Top Elevation = Top of Dewatering Zone.			✓	
	(b) Bottom Elevation = Top of Sediment Storage Zone.			✓	
	(c) Diagonal Symmetry evident.			✓	
	(xxii) Standard Worksheet #16 properly completed.			✓	
	(a) Figure 7.2 provided with dewatering volume and skimmer orifice size plotted.			✓	
	(b) Dewatering Time measured from Top of Dewatering Zone to Top of Sediment Storage Zone.			✓	
	(xxiii) Standard Worksheet #17 properly completed.			✓	
	(a) Orifice Flow is Calculated for Flow into Top of Riser.			✓	
	(b) Principal Spillway Capacity is lesser of Riser and Barrel.			✓	
	(c) Total Discharge Capacity ≥ Required Discharge Capacity.			✓	
	(xxiv) Standard Worksheet #18 properly completed.			✓	
	(a) Lf is 1.1 x Ls for Temp Basin & 1.15 x Ls for Permanent Basin.			✓	
✚	f. **E&S Plan Drawings and Worksheets - Sediment Traps (Chapter 8):**			✓	
	(i) All proposed traps shown on Drawings.			✓	
	(a) Spillway locations shown.			✓	
	(ii) Trap locations are accessible.			✓	
	(iii) Conflicts with utility lines, roadways, buildings, cuts & fills avoided.			✓	
	(iv) Steep slope problems avoided.			✓	
	(v) Traps located below disturbed areas.			✓	
	(vi) Stream channels and wetlands avoided.			✓	
	(vii) Drainage Areas are maximums for life of each trap.			✓	
	(viii) Construction Detail provided for each irregular-shaped trap.			✓	
	(a) Interior and Exterior contours provided for such traps.			✓	
	(ix) Bottom elevation above seasonal high-water table, adjacent wetlands, or perennial stream.			✓	
	(x) Required flow lengths, turbidity barrier or forebay provided.			✓	
	(xi) Compost Sock Trap Details provided and complies with Standard Construction Detail #3-11.			✓	
	(xii) Typical Cross-section provided for each type of trap.			✓	
	(a) All critical dimensions and elevations shown.			✓	
	(b) Dimensions and elevations consistent with those in calcs.			✓	
	(c) Sediment clean-out elevation ≥ 1 ft above trap bottom.			✓	§§ 102.4(b)(5)(viii) and (ix)
	(xiii) Typical detail provided for each type of spillway.			✓	
	(a) All critical dimensions and elevations shown.			✓	
	(b) Dimensions and elevations consistent with those in calcs.			✓	
	(xiv) Skimmer details provided where needed.			✓	
	(a) Standard Construction Detail #7-1 provided.			✓	
	(b) Standard Construction Details #7-2, #7-3 and #7-4 provided.			✓	
	(c) Orifice diameter consistent with Figure 7.2.			✓	
	(xv) Specs provided for embankment materials and compaction.			✓	
	(xvi) Baffle, silt curtain, forebay detail provided.			✓	
	(xvii) Cleanout stake detail provided.			✓	
	(xviii Trap Outlet Basin Detail provided.			✓	
	(xix) Trap Dewatering Device Detail provided.			✓	
	(xx) Traps Discharge to surface waters or approved alternative.			✓	
	(xxi) Standard Worksheet #19 properly completed.			✓	
	Tributary drainage areas do not exceed 5.0 acres.			✓	
	Required storage capacity provided.			✓	
	2:1 Flow length to width ratio provided at Elevation h.			✓	
	Embankment Spillway width is 2 x # AC or 2 x h.			✓	
	Barrel-riser Spillway provides 1.5 cfs/acre discharge capacity.			✓	
	Correct Outlet Basin dimensions specified.			✓	
	(xxii) Standard Worksheet #14 provided for irregular shaped traps.			✓	
✚	g. **E&S Plan Drawings and Worksheets - Outlet Protection (Chapter 9):**				

(i)	All temporary and permanent outfalls are shown and labeled.	✓			§§ 102.4(b)(5)(viii) and (ix)
(ii)	Locations are accessible to construction equipment.	✓			
(iii)	Outlet protection provided for all temporary & permanent outfalls.	✓			
(iv)	Sufficient space exists to construct outlet protection.	✓			
(v)	Discharges are properly oriented.	✓			
(vi)	Outlet areas properly protected from adjacent disturbed areas.	✓			
(vii)	Typical Details are provided for all types of outlet protection.	✓			
(a)	All critical dimensions and elevations are provided.	✓			
(b)	Dimensions and elevations are consistent with calcs.	✓			
(viii)	Standard Worksheet #20 properly completed for all riprap aprons.	✓			
(a)	Calculations provided for Adjusted Discharge Velocity.	✓			
(b)	Apron dimensions conform to Figure 9.3 or 9.4.	✓			
(ix)	Flow Transition Mat Lengths conform to Figure 9.6.			✓	
(x)	Stilling Basin Dimensions conform to Standard Construction Detail 9-4 and Figure 9.7.			✓	
(xi)	Stilling Well Dimensions conform to Figures 9.8, 9.9, and 9.10.			✓	
(xii)	Supporting calculations are provided for all other types of outlet protection.	✓			
h.	**E&S Plan Drawings - Other BMPs:**				§ 102.4(b)(5)(ix)
(i)	Waterbars specified on utility line ROWs and abandoned roads.			✓	
(a)	Standard Construction Detail # 3-5 provided.			✓	
(b)	Spacing complies with Table 3.1.			✓	
(ii)	Storm Sewer Inlet Protection provided where needed.	✓			
(a)	Standard Construction Detail # 4-15 and 4-16 provided for Inlet Filter Bags.	✓			
(b)	Standard Construction Detail # 4-17 and 4-18 provided for Stone and Concrete Block Inlet Protection.			✓	
(c)	Standard Construction Detail # 4-21 provided for Alternative Stone Inlet Protection.			✓	
(d)	Standard Construction Detail # 4-19, 4-20 and 4-24 provided for Stone Inlet Protection.			✓	
(e)	Standard Construction Detail # 4-21 provided for Alternate Type M Stone Inlet Protection.			✓	
(f)	Standard Construction Detail # 4-22 provided for Type C Inlet Not at Grade.			✓	
(g)	Standard Construction Detail # 4-23 provided for Type M Inlet Not at Grade.			✓	
(iii)	Erosion Control Blanketing Locations shown on Drawings.	✓			
(a)	Complete installation detail(s) provided.	✓			
(iv)	Typical details provided for On-Lot BMPs.	✓			
(v)	Other BMPs (specify): Concrete Washout,	✓			
(a)	Location(s) shown on Drawings and labeled.	✓			
(b)	Typical details provided with all pertinent dimensions and elevations.	✓			
(c)	Design calculations provided for other BMPs.			✓	
i.	**E&S Plan Drawings - Temporary Stabilization:**				§ 102.4(b)(5)(ix)
(i)	Seed type is specified.	✓			
(ii)	Seed application rate is specified.	✓			
(iii)	Agricultural lime application rate is specified at 1 or 2 T/acre.	✓			
(iv)	Fertilizer type and application rate are specified.	✓			
(v)	Mulch type and application rate are specified.	✓			
(vi)	Mulch anchoring type and application rate are specified.	✓			
j.	**E&S Plan Drawings - Permanent Stabilization:**				§ 102.4(b)(5)(ix)
(i)	Topsoil replacement specs are provided.	✓			
(ii)	Standard Worksheet # 21 completed on Plan Drawings.	✓			
(iii)	Seed types suitable for soil and site conditions is specified.	✓			
(iv)	Seed application rate is specified and is appropriate.	✓			
(v)	Agricultural lime application rate is specified at 6 T/acre or as per soil test.	✓			
(vi)	10-20-20 Fertilizer specified at ½ ton/acre or as per soil test.	✓			
(vii)	Mulch type and application rate are specified.	✓			
(viii)	Mulch anchoring type and application rate are specified.	✓			
(ix)	Blanketing shown in critical areas, steep slopes, and areas of concentrated flow.	✓			

	(x) Stabilization of non-graded, but unstabilized areas within the project site boundaries is addressed.	✓			
	10 A maintenance program, which provides for the operation and maintenance of BMPs and the inspection of BMPs on a weekly basis and after each stormwater event, including the repair or replacement of BMPs to ensure effective and efficient operation must be addressed. The program must provide for completion of a written report documenting each inspection and all BMP repair, or replacement and				
	a. **E&S Plan Drawings or Separate Plan - O&M Information**				
	(i) Operation and maintenance (O&M) requirements are specified for all E&S BMPs.	✓			
	(ii) The Drawings or Plan specifies inspection frequency of E&S BMPs (at least weekly and after each storm event of at least 0.25 inch).	✓			§ 102.4(b)(5)(x)
	(iii) The Drawings or Plan specifies use of Visual Site Inspection Report or equivalent to document inspections and maintenance.	✓			
	(iv) The maximum sediment storage elevation/level in BMPs is specified.	✓			
	(v) The Drawings or Plan identifies timeframes for completing repairs and maintenance for each type of BMP proposed.	✓			
	(vi) The Drawings or Plan provides site stabilization repair instructions.	✓			
	(vii) The Drawings or Plan contains instructions for the disposal of sediment removed from BMPs.	✓			
	11 Procedures which ensure that the proper measures for the recycling or disposal of materials associated with or from the project site will be undertaken in accordance with this title must be identified.				
	a. **E&S Plan Drawings:**				
	(i) Project construction wastes are identified.	✓			
	(ii) Directions for recycling/disposal of construction wastes are provided (see Standard Note 10 in Appendix C of E&S Manual).	✓			
	(iii) E&S BMPs are provided for soil/rock disposal and borrow areas.	✓			§ 102.4(b)(5)(xi)
	(iv) An E&S Plan has been submitted for all identified off-site support areas (disposal and borrow areas).	✓			
	(v) The Drawings include a note regarding the need for an E&S Plan for off-site support areas determined during construction (see Standard Note 11 in Appendix C of E&S Manual).	✓			
	(vi) The Drawings include a note regarding clean fill requirements (see Standard Note 12 in Appendix C of E&S Manual).	✓			
	12 Identification of natural occurring geologic formations or soil conditions that may have the potential to cause pollution during earth disturbance activities and include BMPs to avoid or minimize potential pollution and its impacts from the formations is provided.				
	a. **E&S Module 1:**				
	(i) Question 18 has been completed.	✓			
	b. **E&S Plan Drawings:**				§ 102.4(b)(5)(xii)
	(i) Soil sampling or investigation locations are shown on Drawings.	✓			
	(ii) Instructions for proper handling and/or disposal of all materials that could cause pollution are provided.	✓			
	(iii) Typical details are provided for proper handling and/or disposal of all such materials.	✓			
	(iv) The locations of all such materials are clearly shown on Drawings.	✓			
	13 The applicant has identified potential thermal impacts to surface waters of this Commonwealth from the earth disturbance activity including BMPs to avoid, minimize or mitigate potential pollution from thermal impacts.				
	a. **E&S Module 1:**				
	(i) Question 19 is complete and analyzes how thermal impacts will be avoided.	✓			§ 102.4(b)(5)(xiii)
	b. **E&S Plan Drawings:**				
	(i) BMPs are identified on Drawings to minimize thermal impacts.	✓			
	14 The E&S plan has been planned, designed, and implemented to be consistent with the PCSM Plan under § 102.8 (relating to PCSM requirements).				
	a. **E&S Plan Drawings:**				§ 102.4(b)(5)(xiv)
	(i) The sequence of earth disturbance activities and the location and design of E&S BMPs provides a logical transition to PCSM (e.g., sediment basin slopes designed at 3:1 to accommodate future infiltration basin SCM).			✓	
	15 Identification of existing and proposed riparian forest buffers.				

a. **E&S Plan Drawings:**				§ 102.4(b)(5)(xv)
(i) Existing and proposed riparian forest buffers are shown on the Drawings.			✓	
16 PNDI clearance letters have been submitted (required prior to approval if applicable).	✓			§ 102.6(a)(2)

Reviewer Comments:

Pennsylvania Department of Environmental Protection

CHAPTER 102
NPDES INDIVIDUAL PERMIT
FACT SHEET

Revised 1/12/2026

Reviewed By: Matt Zeigler Office: DEP Southcentral Regional Office

Date of Original PCSM Plan Drawings: 6/6/2024 Date of Final Approved PCSM Plan Drawings: 7/1/2026

PCSM TECHNICAL REVIEW CHECKLIST

REVIEW ITEM	COMPLIES	DEFICIENT	N/A	Citation
1 Pre-Development Site Characterization (PDSC):				
a. A minimum of 4 test pits and/or soil borings were completed across the project site (or 2 were completed and meet exception criteria).	✓			
b. The pre-development site characterization considered the entire project site, not just area within the LOD.	✓			
c. The locations of test pits or soil borings and infiltration tests are identified on PCSM Plan Drawings.	✓			
d. Exclusions identified in the PDSC Spreadsheet were reflected on PCSM Plan Drawing(s).			✓	
e. The exclusions selected by the applicant are appropriate or reasonable.			✓	
f. The project site is within 0.5 mile of identified sinkholes and closed depressions on DCNR's published maps of sinkholes and karst features or within 0.5 mile of a "Karst Feature" on DEP's eMapPA.	✓			
g. The geotechnical report evaluated the potential for sinkholes and infiltration capabilities on-site.	✓			§ 102.8(g)(1)
h. Test pits or soil borings and infiltration testing were completed if the overburden on-site is at least 50 feet or the overburden is at least 33 feet and sinkhole risk is low.	✓			
i. The PDSC Spreadsheet indicates the infiltration test location frequency was at least 1 per 40,000 SF or the frequency was between 0.5 and 1 and the coefficient of variability (CV) was sufficiently low (<= 0.5) to allow a professional to determine whether additional tests were warranted.	✓			
j. The PDSC Spreadsheet indicates that additional infiltration tests are recommended.		✓		
k. A professional attached a justification to Module 2 for not completing additional tests and the justification is technically sound.	✓			
2 Stormwater Analysis:				
a. All pre- and post-construction stormwater runoff was accounted for in the stormwater analysis (i.e., the selected POAs account for all runoff from the LOD).	✓			§ 102.8(g)(2)
b. Post-construction drainage areas to SCMs and undetained areas are clearly shown on PCSM Plan Drawings.	✓			§ 102.8(f)(15)
c. Curve numbers and land covers are based on TR-55 or technically sound justification for other curve numbers has been provided.	✓			§ 102.8(g)(4)
d. The precipitation depth for the 2-year/24-hour storm event is based on NOAA Atlas 14 or other reputable sources.	✓			
e. All pervious non-forested pre-construction land cover is identified as meadow.	✓			§ 102.8(g)(2)(i)
f. If all pervious non-forested pre-construction land cover is not identified as meadow, one of the exceptions at § 102.8(g)(2)(i) applies.			✓	
g. At least 20% of existing impervious to be disturbed is treated as meadow in the pre-construction condition.	✓			§ 102.8(g)(2)(ii)
h. If at least 20% of existing impervious to be disturbed is not treated as meadow in the pre-construction condition, one of the exceptions at §§ 102.8(g)(2)(ii) or (iii) applies.			✓	
i. Calculations were provided to demonstrate the net change in volume up to the 2-year/24-hour storm event and the calculations are technically sound, or the PCSM Spreadsheet, Volume Worksheet was submitted.	✓			§ 102.8(g)(2)
j. A volume reduction standard contained in an approved and current Act 167 Plan was used, and the reviewer has confirmed that 1) the Act 167 Plan was approved within the past five years, and 2) the standard from the Plan was applied appropriately.			✓	§ 102.8(g)(2)

k.	An alternative design standard has been proposed for managing the net change in volume and an adequate demonstration has been made that the alternative standard is at least as stringent as management of the net change up to the 2-year/24-hour storm.			✓	§ 102.8(g)(2)(iv)
l.	The PCSM Spreadsheet, Quality Worksheet was submitted, demonstrating management of the net change in water quality (pollutant loading) up to the 2-year/24-hour storm event.	✓			§ 102.8(g)(2)
m.	Calculations were provided to demonstrate the net change in peak rates for the 2, 10, 50, and 100-year/24-hour storm events and the calculations are technically sound, or the PCSM Spreadsheet, Rate Worksheet was submitted.	✓			§ 102.8(g)(3)
n.	Rate requirements contained in an approved and current Act 167 Plan was used, and the reviewer has confirmed that 1) the Act 167 Plan was approved within the past five years, and 2) the standard from the Plan was applied appropriately.			✓	§ 102.8(g)(3)
o.	An alternative design standard has been proposed for managing the net change in peak rates and an adequate demonstration has been made that the alternative standard is at least as stringent as management of the net change for the 2, 10, 50, and 100-year/24-hour storm events.			✓	§ 102.8(g)(3)(iii)
p.	The Rational Method (including Modified Rational Method and Universal Rational Method) was used to determine pre- or post-construction volumes or peak rates.		✓		§ 102.8(g)(4)
q.	The applicant demonstrated that use of the Rational Method results in a peak rate control SCM footprint and storage capacity that is greater than or equal to SCS/NRCS hydrograph methods.			✓	
3	**PCSM SCMs:**				§ 102.11(a)(2)
a.	All proposed PCSM SCMs have been designed in accordance with the Stormwater BMP Manual.	✓			
b.	Minor deviations from the Stormwater BMP Manual were proposed that were justified by the designer and in the reviewer's judgment can be approved without considering the SCM an Alternative SCM.		✓		§ 102.11(b)
c.	One or more SCMs were proposed that are not identified in the Stormwater BMP Manual but are on DEP's list of Approved Alternative PCSM SCMs.		✓		
d.	One or more SCMs were proposed that are not identified in either the Stormwater BMP Manual or DEP's list of Approved Alternative PCSM SCMs.		✓		
e.	There will be discharges to waters with existing or designated uses of HQ or EV or waters impaired for siltation; turbidity; TSS; algae; eutrophication; nutrients; flow regime modification; and/or habitat alterations (including the Chesapeake Bay).		✓		
f.	The SCMs will individually or collectively eliminate or manage the net change in volume and pollutant loads up to the 2-year/24-hour storm for the entire area of disturbance.	✓			§ 102.8(h)
g.	SCM design calculations appear reasonable and support the volume, WQ, and rate control credit claimed in the PCSM Spreadsheet or alternative analysis.	✓			§ 102.11(a)(2)
h.	SCM design calculations consider all flows routed to the SCM from the LOD, project site, and off-site, as applicable.	✓			
i.	Non-structural volume management credits were claimed in the PCSM Spreadsheet, Volume Worksheet.	✓			
j.	Separate calculations for non-structural volume management credits are provided and are based on the Stormwater BMP Manual or otherwise have a sound technical basis.		✓		
k.	Non-structural water quality (WQ) management credits were claimed in the PCSM Spreadsheet, Quality Worksheet.		✓		
l.	Separate calculations for non-structural WQ management credits are provided and are based on the Stormwater BMP Manual or otherwise have a sound technical basis.			✓	
m.	A manufactured treatment device (MTD) or other water quality treatment system is proposed.	✓			
n.	WQ management credits for an MTD were calculated on the basis of median outflow concentrations (MOCs) for pollutants that are expected for the project's design flow rate.	✓			
o.	The inspection and O&M frequencies and requirements for each SCM as provided in PCSM Plan Drawings or a separate narrative are reasonable.	✓			
p.	One or more infiltration-based SCMs are proposed.	✓			

q.	The PCSM Plan Drawings specify the need to protect the infiltrating surface from compaction during construction and permanently stabilize the SCM's drainage area prior to constructing the SCM.	✓			
r.	The PCSM Plan Drawings specify the need to conduct confirmation testing for infiltration capabilities prior to completing infiltration-based SCMs when the SCM is converted from an E&S BMP or when the infiltrating surface has been compacted or is not protected.	✓			
s.	PCSM Plan Drawings or a separate planting plan shows deep-rooted vegetation (generally plug plantings, shrubs, etc.) in lieu of or addition to seed mixes where the PCSM Spreadsheet provides evapotranspiration (ET) credit for a vegetated SCM.	✓			
t.	Critical stages of PCSM SCM construction or installation are identified on plan drawings and are appropriate for the type(s) of SCM(s) proposed.	✓			§ 102.8(f)(7)
4	**Managed Release Concept (MRC) SCMs:**				
a.	The PDSC Spreadsheet indicates options other than infiltration should be considered.	✓			
b.	There are constraints on the project site other than karst and limited infiltration rates that may justify the use of MRC SCMs.	✓			
c.	Alternatives to MRC (e.g., riparian forest buffers, capture and use SCMs) were evaluated and deemed to be infeasible.		✓		
d.	PCSM Plan Drawings substantiate that the maximum drainage area (1 acre), soil media depth (2 feet with 1-foot IWS), and other standards are met for SCMs reported on the MRC Simplified Design Spreadsheet.	✓			
e.	For SCMs reported on the MRC Simplified Design Spreadsheet, a diversion or bypass is shown on PCSM Plan Drawings to route storms exceeding the 2-year/24-hour storm around the MRC SCM to a rate control SCM.	✓			§ 102.11(a)(2)
f.	PCSM Plan Drawings substantiate that the design standards are met for SCMs reported on the MRC Spreadsheet.	✓			
g.	Calculations are provided to demonstrate that the 2-year/24-hour post-construction peak rate is managed back to the 1-year/24-hour pre-construction peak rate within the MRC SCM or a downstream rate control SCM for the MRC drainage area.	✓			
h.	Calculations are provided to demonstrate that the controlled release through the underdrain orifice will meet the 0.02 cfs/equivalent impervious acre standard.	✓			
i.	MRC credits from the appropriate MRC spreadsheets have been accurately entered into the PCSM Spreadsheet, Volume Worksheet.	✓			
5	**Riparian Buffers:**			✓	
a.	The applicant has proposed a riparian buffer or riparian forest buffer as a PCSM SCM.			✓	§ 102.14
b.	A riparian forest buffer management plan is attached and is generally consistent with § 102.14.			✓	
c.	The applicant has completed an equivalency demonstration in lieu of establishing or protecting a riparian buffer or riparian forest buffer.			✓	
d.	The equivalency demonstration is consistent with DEP guidance and worksheets 12, 13, 14 and 15 have been completed accurately.			✓	
e.	An offset riparian forest buffer is proposed due to proposed disturbance within 100 feet of a surface water designated for HQ or EV.			✓	
f.	The offset riparian forest buffer is proposed in the same drainage list as the project site and is shown on PCSM Plan Drawings.			✓	35 P.S. § 691.402(c)
g.	The offset riparian forest buffer will have an area at least as large as the riparian forest buffer on the project site to be disturbed and will be a minimum of 50 feet wide.			✓	
h.	The applicant has provided written authorization from the off-site property owner to establish an offset riparian forest buffer.			✓	
i.	PCSM Plan Drawings show a level spreader along the width of the riparian forest buffer if concentrated or shallow concentrated flow is expected to form upstream of the buffer.			✓	
6	**EP Analysis:**				
a.	Critical sections of flow paths have been identified correctly.	✓			
b.	Calculations were provided for SCM outflow discharge rates at the 10-year/24-hour storm and appear to be accurate.	✓			
c.	Maximum allowable velocity and/or sheer reported for critical sections are reasonable and are based on reputable sources.	✓			§ 102.4(c)
d.	Calculations for maximum velocity and/or sheer appear to be accurate based on proper Manning's "n" value and other input parameters.	✓			

	e. Where calculated maximum velocity or shear exceeds maximum allowable velocity or sheet, improvements to flow paths are proposed.	✓			
7	**Post-Construction Stormwater Discharges to Wetlands:**				§ 102.8(g)(6)
	a. Modeling and calculations supporting the values reported in PCSM Module 2 for pre- and post-construction volumes and ponding depths appear reasonable.	✓			
	b. The wetlands receiving stormwater discharges are EV wetlands.	✓			
	c. The post-construction change in ponding depth for the 2-year/24-hour storm event (or greater) is less than 25% of the pre-construction ponding depth.	✓			
	d. Discharges to wetlands will be via sheet flow only.	✓			
	e. Due to grading or other reasons, the potential exists in the reviewer's judgment for long-term detrimental impacts to wetland hydrology that should be evaluated by a wetland scientist.		✓		
8	**Temperature Impacts:**				§ 102.8(f)(13)
	a. A peak rate control SCM is proposed that will receive stormwater from a drainage area containing more than 25% impervious surface that exceeds 10% of the receiving surface water's watershed area.		✓		
	b. A Wet Basin or Engineered Stormwater Treatment Wetland is proposed that does not include shading and/or a reversed slope outlet pipe.		✓		
	c. An impervious undetained area exceeds 10% of the receiving water's watershed area.		✓		
	d. A quantitative thermal impact analysis has been submitted and demonstrates there will not be a thermal impact to surface waters from the project.	✓			

Reviewer Comments:

The project complies with Chapter 102.