Construction Stormwater Pollution Prevention Plan Template

The Maryland Department of the Environment (MDE) requires construction operators to develop a Stormwater Pollution Prevention Plan (SWPPP) prior to submitting a Notice of Intent (NOI) for Construction General Permit (20-CP) coverage (Refer to Part III.F of the permit). To assist with developing a SWPPP that meets the minimum requirements of the General Permit for Stormwater Associated with Construction Activity, the Maryland Department of the Environment has provided this template.

This template is customizable to your specific project and site.

Once MDE has approved coverage for your project under the 20-CP, include your NOI, your authorization, and a copy of the 20-CP as attachments to the SWPPP.

*For more information on the Tier II Checklist, the NOI in ePermits or Cationic Chemical Treatment, please navigate to our website located here:* <https://mde.maryland.gov/programs/water/wwp/Pages/gp_construction.aspx>

**Instructions for Using the SWPPP Template**

Each section of the SWPPP Template includes instructions and space for your project and site information. Read the instructions for each section before you complete that section. The blue text indicates what information is to be included.

The SWPPP Template is an editable document file. You may add tables or additional text and/or delete unneeded or inapplicable fields. The information provided in each section may vary in length.

The following items may help you better prepare for completing the SWPPP:

* Make sure you read the General Permit thoroughly before you begin preparation of your SWPPP. By doing so, you are ensuring that you have a working understanding of the permit’s underlying requirements.
* Remember to complete the SWPPP prior to submitting your Notice of Intent (NOI) for permit coverage when required.
* If there is more than one construction operator or individual/entity that will be responsible for separate phases or parts of the construction for your project, consider coordinating the development of your SWPPP with the other operators or individuals/entities.

While MDE has made every effort to ensure the accuracy of all instructions contained in the SWPPP Template, it is ultimately the permit that determines the obligations of regulated construction stormwater discharges. In the event of a conflict between the SWPPP Template and any corresponding provision of the 20-CP, you must abide by the requirements in the permit. MDE welcomes feedback on the SWPPP Template. Future revisions of this document will consider all feedback.

**Stormwater Pollution Prevention Plan (SWPPP)**

**For Construction Activities At:**

Insert Project/Site Name

Insert Project Site Location/Address

Insert City, State, Zip Code

Insert Project/Site Telephone Number

**SWPPP Prepared For:**

Insert Operator Company or Organization Name

Insert Name

Insert Address

Insert City, State, Zip Code

Insert Telephone Number

Insert Fax/Email

**SWPPP Prepared By:**

Insert Company or Organization Name

Insert Name

Insert Address

Insert City, State, Zip Code

Insert Telephone Number

Insert Fax/Email

**SWPPP Preparation Date:**

Insert Date

**Estimated Project Dates**

**Project Start Date:** Insert Date

**Project Completion Date:** Insert Date

A SWPPP is required for your site in the following situations (Part III.F.1 of the Permit). Indicate which of these conditions apply at your site:

☐ My project is within a common plan of development and I am sharing liability between and among operators on the same site. This SWPPP clarifies insert name of person or organization areas of responsibility.

☐ I plan to use Chemical Additives or Polymers for Sediment Control.

☐ I have the potential for any of the non-stormwater discharges prohibited in permit Part I.D (also listed below). This may include any of these.

1. Wastewater from the Concrete Washout. (permit Part III.A.3.d).
2. Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction materials. (permit Part III.A.3.d)
3. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance (permit Parts III.A.3.a and III.A.3.c.iii).
4. Soaps or solvents, or detergents used in vehicle and equipment washing or external building washdown (permit Part III.A.3.b);
5. Toxic or hazardous substances from a spill or other release (also see permit Part III.A.3.c iv, III.A.3.f. and VI.J) (whether the site is known to be contaminated by PCBs, PFAS, mercury, lead, or other metals, or any other source of toxic industrial pollution); and
6. Water contaminated by toxic or hazardous substances from sites managed under Maryland's Voluntary Cleanup Program (VCP) or Land Restoration Program (LRP).

☐ I plan on implementing controls associated with the activities requiring pollution prevention measures, referenced in Part III.A.3 of the permit.

☐ None of the above, I am voluntarily creating a SWPPP for my construction activity.

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# SECTION 1: CONTACT INFORMATION/RESPONSIBLE PARTIES (Part III.F.2.a of the permit)

## 1.1 Operator(s) / Subcontractor(s)

**Instructions – Identify the operator(s) who are responsible for construction activities at the site.**

Indicate respective responsibilities, where appropriate.

Remember to include the project’s 24-hour emergency contact.

List subcontractors expected to work on-site.

*Notify subcontractors of stormwater requirements applicable to their work.*

Consider using Subcontractor Agreements. (See Appendix 9.3)

List any amendments to this SWPPP in Appendix 9.1.

|  |
| --- |
| **Operator(s):** |
| Insert Company or Organization Name |
| Insert Name |
| Insert Address |
| Insert City, State, Zip Code |
| Insert Telephone Number |
| Insert Fax/Email |
| Insert area of control (if more than one operator at site) |
| *[Repeat as necessary.]* |

|  |
| --- |
| **Subcontractor(s):** |
| Insert Company or Organization Name |
| Insert Name |
| Insert Address |
| Insert City, State, Zip Code |
| Insert Telephone Number |
| Insert Fax/Email |
| Insert area of control (if more than one operator at site) |
| *[Repeat as necessary.]*  **Emergency 24-Hour Contact:** |
| Insert Company or Organization Name |
| Insert Name |
| Insert Telephone Number |

If part of a common plan of development, include a map delineating areas of responsibility and include a table of those entities so that it is clear to an inspector or other entities at your site, where each entity is responsible for permit compliance. The following is meant to be an example of what to include, however based on site complexities you are free to revise the table to meet your needs.

Common Plan of Development – Roles and Responsibilities.

|  |  |  |  |
| --- | --- | --- | --- |
| Entity | Contact Info | Project Area | Responsibility |
| Developer A | Phone # | Entire development | Final stormwater management and coordination of entities within development. |
| Builder A | Email, phone # | Lots adjacent | To maintain their perimeter controls and inspections and to maintain fueling area. |
| Builder B | Phone # | Lots adjacent | To maintain their perimeter controls and inspections and to maintain concrete washout area. |
| Contractor A | Phone # | Perimeter of my LOD. | Performing Inspections for My Company. |
| Your Company | Page 6 of SWPPP | Plots 33-45, 62, 73-79. | E&SC for these plots, and coordination with Developer A, Builder A, and Builder B on shared areas. |

## 1.2 Stormwater Team (Part III.F.2.b of the permit)

**Instructions – Identify the project’s stormwater team.**

Identify everyone by name or position.

Describe everyone’s responsibilities.

Indicate which members are responsible for inspections.

At a minimum, the stormwater team is comprised of individuals who are responsible for:

Overseeing the development of the SWPPP

Any later modifications to the SWPPP

Compliance with the permit requirements (i.e., installing and maintaining stormwater controls, conducting site inspections, and taking corrective actions where required)

Each member of the stormwater team must have ready access to either an electronic or a paper copy of the 20-CP and the SWPPP.

|  |  |  |
| --- | --- | --- |
| **Stormwater Team** | | |
| Name and/or position, and contact | Responsibilities | I Have Read the 20-CP and Understand the Applicable Requirements |
| Insert name of responsible person, position, telephone number and email | Insert Responsibility | ☐ Yes  Date: Click here to enter a date. |
| Insert name of responsible person, position, telephone number and email | Insert Responsibility | ☐ Yes  Date: Click here to enter a date. |
| Insert name of responsible person, position, telephone number and email | Insert Responsibility | ☐ Yes  Date: Click here to enter a date. |

*[Insert or delete rows as necessary.]*

# SECTION 2: NATURE OF CONSTRUCTION ACTIVITIES (Part III.F.2.c of the permit)

## 2.1 Project/Site Information

**Instructions – Provide basic site information.**

Provide the nearest cross street if a physical address is unavailable.

The Latitude and Longitude Coordinates must be in Decimal Degrees.

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name and Address**  Project/Site Name: Insert Text Here | | | |
| Project Street/Location: Insert Text Here | | | |
| City: Insert Text Here | | | |
| State: Insert Text Here | | | |
| ZIP Code: Insert Text Here | | | |
| County or Similar Subdivision: Insert Text Here | | | |
| Business days and hours for the project: Insert Text Here | | | |
| **Project Latitude/Longitude** | | | |
| Latitude: \_\_ \_\_. \_\_ \_\_ \_\_ \_\_º N  (decimal degrees) | | | Longitude: - \_\_ \_\_. \_\_ \_\_ \_\_ \_\_ º W  (decimal degrees) |
| Latitude/longitude data source: | | | |
| ☐ Map | ☐ GPS | ☐ Other (please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| **Additional Project Information**  Are you requesting permit coverage as a state or federal entity? ☐ Yes ☐ No  Have you received an assigned MDE SF number for the Erosion and Sediment Control Plan? ☐ Yes ☐ No  **If yes, please provide the assigned number:** Insert Text Here | | | |

## 2.2 Discharge Information

**Instructions – Include information relating to your site’s discharge.**

List all the stormwater points of discharge from your site.

Identify each point of discharge with a unique 3-digit ID (e.g., 001, 002).

For each unique point of discharge listed, specify the name of the receiving water of this State that the stormwater directly discharges.

You may have multiple points of discharge to the same receiving water.

Specify whether any waters of this State that you discharge to are listed as impaired.

List the pollutants causing the impairment.

Identify any completed Total Maximum Daily Loads (TMDL) for any of the waters of this State that you discharge to.

List the pollutants for which there is a TMDL.

Indicate whether any water of this State that you discharge to is designated as a Tier II.

|  |  |
| --- | --- |
| Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? | ☐ Yes ☐ No |
| Are there any waters of this State within 50 feet of your project’s earth disturbances? | ☐ Yes ☐ No |

Provide the Watershed Basin Code below. If your project discharges to more than one watershed, please provide all basin codes.

|  |  |
| --- | --- |
| Insert Receiving Waters | Insert Watershed Basin Code |
| Insert Receiving Waters | Insert Watershed Basin Code |
| Insert Receiving Waters | Insert Watershed Basin Code |

*[Include additional rows or delete as necessary.]*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Outfall ID | Name of receiving water | Is the receiving water impaired (on the CWA 303(d) list)? | List the pollutants that are causing the impairment | Is there a completed TMDL for this receiving waterbody? | Is this receiving water designated as a Tier II? |
| [001] | Insert Receiving Waters | ☐ Yes ☐ No | Insert Pollutant | ☐ Yes ☐ No | ☐ Yes ☐ No |
| [002] | Insert Receiving Waters | ☐ Yes ☐ No | Insert Pollutant | ☐ Yes ☐ No | ☐ Yes ☐ No |
| [003] | Insert Receiving Waters | ☐ Yes ☐ No | Insert Pollutant | ☐ Yes ☐ No | ☐ Yes ☐ No |

*[Include additional rows or delete as necessary.]*

## 2.3 Description of the Construction Activities (Part III.F.2.c.i - v of the permit)

**Instructions – Provide a general description of the construction activities at your site.**

Indicate the size of the property (in acres), the total acreage to be disturbed by the construction activities, and the maximum acreage expected to be disturbed at any one time.

Indicate the type of construction site. Include any demolition activities, and if the predevelopment land use was for agriculture.

Provide a list and description of all pollutant-generating activities.

Examples: paving operations; concrete, paint, and stucco washout and waste disposal; solid waste storage and disposal; and dewatering operations

Indicate for each activity the type of pollutant that will be generated with potential to be discharged in stormwater from your site.

Examples: sediment, fertilizers, pesticides, paints, caulks, sealants, fluorescent light ballasts, contaminated substrates, solvents, fuels

Describe the construction support activities covered by this permit.

Examples: concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas

|  |
| --- |
| **General Description of Project**  Provide a general description of the nature of your construction activities. For any demolition, include the dates of past renovations: |
| Insert Text Here |
| **Size of Construction Site**  Size of Property: Insert acreage  Total Acreage Expected to be Disturbed by Construction Activities: Insert total acreage of construction disturbance  Maximum Acreage Expected to be Disturbed at Any One Time: Insert maximum acreage to be disturbed at any one time |
| *[Repeat as necessary for individual project phases.]* |
| **Type of Construction Site** *(check all that apply):*  ☐ Single-Family Residential  ☐ Multi-Family Residential  ☐ Commercial  ☐ Industrial  ☐ Institutional  ☐ Highway or Road  ☐ Utility  ☐ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Will there be demolition of any structure built or renovated before January 1, 1980?  ☐ Yes   ☐ No  If yes, do any of the structures being demolished have at least 10,000 square feet of floor space? ☐ Yes   ☐ No ☐ N/A |
| **Pollutant-Generating Activities (Part III.F.c.vii)**   * List and describe all pollutant-generating activities. Indicate for each activity the type of pollutant that will be generated. Consider where potential spills and leaks could occur, and any known hazardous or toxic substances, such as PCBs or asbestos, which will be disturbed during construction.   **Pollutant-Generating Activity**  (e.g., paving operations; concrete, paint, and stucco washout and waste disposal; solid waste storage and disposal; and dewatering operations)    **Pollutants or Pollutant Constituents**  (e.g., sediment, fertilizers, pesticides, paints, caulks, sealants, fluorescent light ballasts, contaminated substrates, solvents, fuels)   |  |  | | --- | --- | | Insert pollutant generating activity | Insert pollutant |   *[Include additional rows or delete as necessary.]*  **Construction Support Activities** *(only provide if applicable)*  Describe any construction support activities for the project  (e.g., concrete or asphalt batch plants, equipment staging yards, material storage areas, excavated material disposal areas, borrow areas)  Insert description of construction activity  Contact information for construction support activity:  Name  Telephone number  Email  Address  *[Repeat as necessary.]* |

## 2.4 Sequence and Estimated Dates of Construction Activities (Part III.F.2.c.vi of the permit)

**Instructions – Describe the intended construction sequence and duration of major activities.**

For each portion or phase of the construction site, include the following:

Commencement and duration of construction activities, including clearing and grubbing, mass grading, demolition activities, site preparation (i.e., excavating, cutting and filling), final grading, and creation of soil and vegetation stockpiles requiring stabilization

Temporary or permanent cessation of construction activities

Temporary or final stabilization of areas of exposed soil

Removal of temporary stormwater controls and construction equipment or vehicles, and cessation of any pollutant-generating activities

**Phase I**

|  |  |
| --- | --- |
| Insert general description of the phase of the project | |
| Estimated Start Date of Construction Activities for this Phase | Insert estimated date |
| Estimated End Date of Construction Activities for this Phase | Insert estimated date |
| Estimated Date(s) of Application of Stabilization Measures for Areas of the Site Required to be Stabilized | Insert estimated date  *[Add additional dates as necessary]* |
| Estimated Date(s) when Stormwater Controls will be Removed | Insert estimated date  *[Add additional dates as necessary]* |

**Phase II**

|  |  |
| --- | --- |
| Insert general description of the phase of the project | |
| Estimated Start Date of Construction Activities for this Phase | Insert estimated date |
| Estimated End Date of Construction Activities for this Phase | Insert estimated date |
| Estimated Date(s) of Application of Stabilization Measures for Areas of the Site Required to be Stabilized | Insert estimated date  *[Add additional dates as necessary]* |
| Estimated Date(s) when Stormwater Controls will be Removed | Insert estimated date  *[Add additional dates as necessary]* |

*[Repeat as needed.]*

## 2.5 Authorized Non-Stormwater Discharges (Part III.F.2.e of the permit)

**Instructions - Identify all authorized sources of non-stormwater discharges.**

1. Discharges from emergency fire-fighting activities;
2. Landscape irrigation;
3. Water used to wash vehicles and equipment, if there is no discharge of soaps, solvents, or detergents used for such purposes;
4. Water used to control dust;
5. External building washdown, provided soaps, solvents, and detergents are not used, and external surfaces do not contain hazardous substances (as defined in Appendix A) (e.g., paint or caulk containing polychlorinated biphenyls (PCBs));
6. Pavement wash waters – if spills or leaks of toxic or hazardous substances have not occurred (unless all spill material has been removed) and where soaps, solvents, and detergents are not used. You are prohibited from directing pavement wash waters directly into any Waters of this State, storm drain inlet, or stormwater conveyance, unless the conveyance is connected to a sediment basin, sediment trap, or similarly effective control;
7. Uncontaminated air conditioning or compressor condensate;
8. Uncontaminated, non-turbid discharges of ground water or spring water;
9. Foundation or footing drains where flows are not contaminated with process materials such as solvents or contaminated ground water; and
10. Construction dewatering water discharged in accordance with Part III.A.4.

**List of Authorized Non-Stormwater Discharges Present at the Site**

|  |  |
| --- | --- |
| **Type of Authorized Non-Stormwater Discharge**  *You are required to identify the locations of these authorized non-stormwater discharges on your site map.* | **Present at the construction site?** |
| Discharges from emergency fire-fighting activities | ☐ Yes ☐ No |
| Landscape irrigation; | ☐ Yes ☐ No |
| Waters used to wash vehicles and equipment | ☐ Yes ☐ No |
| Water used to control dust | ☐ Yes ☐ No |
| Potable water including uncontaminated water line flushing (requires separate “HT” permit) | ☐ Yes ☐ No |
| External building washdown (soaps/solvents are not used, and external surfaces do not contain hazardous substances) | ☐ Yes ☐ No |
| Pavement wash waters | ☐ Yes ☐ No |
| Uncontaminated air conditioning or compressor condensate | ☐ Yes ☐ No |
| Uncontaminated, non-turbid discharges of ground water or spring water | ☐ Yes ☐ No |
| Construction dewatering water | ☐ Yes ☐ No |

# SECTION 3: DEWATERING AND USE OF CHEMICAL TREATMENT (Part III.F.2.c of the permit)

## 3.1 Dewatering Practices

**Instructions – Describe any dewatering practices**

Include a description of all dewatering practices that are installed and maintained at the construction site.

Excavations

Trenches

Foundations

Vaults or other similar points of accumulation

**General**

|  |
| --- |
| Provide a general description of how you will install and maintain dewatering practices |
|  |
|  |

**Specific Dewatering Practices**

|  |  |
| --- | --- |
| **Insert the name of the dewatering practice to be installed** | |
| **Description:** Insert a description of the dewatering practice to be installed | |
| **Installation** | Insert approximate installation date |
| **Maintenance Requirements** | Insert maintenance requirements for the dewatering practice |

*[Repeat as needed for individual dewatering practices.]*

## 3.2 Chemical Treatment

**Instructions - If you are using treatment chemicals at your site, provide details in the tables below**

Complete the tables with all applicable requested information.

Attach copies of applicable manufacturer’s specifications regarding the use of your specific treatment chemicals and/or chemical treatment systems.

Refer to the Maryland List of Pre-Approved Flocculants available on MDE’s website.

Receive approval from the Department prior to the use of Cationic Chemicals.

Will this site use treatment chemicals? ☐ YES ☐ NO

**Soil Types**

List all the soil types (include soil types expected to be found in fill material) that are expected to be exposed during construction in areas of the project that will drain to chemical treatment systems:

|  |  |
| --- | --- |
| List the soil type | List the soil type |

*[Repeat as needed.]*

**Treatment Chemicals**

List all treatment chemicals that will be used at the site and explain why these chemicals are suited to the soil characteristics:

|  |  |  |
| --- | --- | --- |
| List all treatment chemicals | Is the chemical suited to the soil characteristics? | Explain how the chemical is suited to the soil characteristics. |
| List treatment chemical | ☐ Yes ☐ No | Provide an explanation |

*[Repeat as needed.]*

List all treatment chemicals, a description of the dosage to be used and the method of storage:

|  |  |  |
| --- | --- | --- |
| List all treatment chemicals | Describe the dosage for the treatment chemical | Describe the storage of the treatment chemical |
| List treatment chemical | Describe dosage | Describe storage |

*[Repeat as needed.]*

Provide any additional applicable Safety Data Sheet information:

|  |  |
| --- | --- |
| List all treatment chemicals | Provide additional applicable Safety Data Sheet information |

*[Repeat as needed.]*

Provide all additional local requirements affecting the use of treatment chemicals:

|  |  |  |
| --- | --- | --- |
| List all treatment chemicals | Is there any additional local requirement affecting the use of this chemical? | Explain the additional local requirement. |
| List treatment chemical | ☐ Yes ☐ No | Provide explanation |

*[Repeat as needed.]*

**Special Controls for Cationic Treatment Chemicals** (if applicable)

If MDE authorized you to use cationic treatment chemicals, include the official authorization letter or other communication, and identify the specific controls and implementation procedures designed to ensure that your use of cationic treatment chemicals will not lead to an exceedance of water quality standards. Also, include any other approval authorities contacted for the approval.

Provide the name(s) of approval authorities contacted and date(s) contacted:

|  |  |
| --- | --- |
| List the approved authority contacted | List the date the approval authority was contacted |

*[Repeat as needed.]*

|  |
| --- |
| Provide a brief explanation for the use of Cationic Treatment Chemicals:  Enter text |

**Training on Use of Additives**

Describe the training that personnel who handle and apply chemicals have received prior to permit coverage, or will receive prior to the use of treatment chemicals:

|  |  |  |
| --- | --- | --- |
| List all treatment chemicals | Is there any specific training that personnel must receive prior to handling or applying this chemical? | Explain the training. |
| List treatment chemical | ☐ Yes ☐ No | Provide explanation |

*[Repeat as needed.]*

# SECTION 4: POLLUTION PREVENTION STANDARDS (Part III.A.3 of the Permit)

## 4.1 Potential Sources of Pollution

**Instructions – Describe all pollutant generating activities**

Identify and describe all pollutant-generating activities at your site

Paving operations

Concrete

Paint

Stucco washout and waste disposal

Solid waste storage and disposal

For each pollutant generating activity, include an inventory of pollutants or pollutant constituents associated with that activity that may be exposed to rainfall or snowmelt.

Sediment

Fertilizers and/or pesticides

Paints

Solvents

Fuels

|  |
| --- |
| **Construction Site Pollutants**  You must consider where potential spills and leaks could occur that contribute pollutants to stormwater discharges, and any known hazardous or toxic substances, such as PCBs and asbestos that will be disturbed or removed during construction. |

|  |  |  |
| --- | --- | --- |
| **Pollutant-Generating Activity** | **Pollutants or Pollutant Constituents**  (that could be discharged if exposed to stormwater) | **Location on Site**  (or reference SWPPP site map where this is shown) |
|  |  |  |
|  |  |  |

*[Include additional rows as necessary.]*

## 4.2 Spill Prevention and Response

|  |
| --- |
| Spill prevention and response procedures (see Part I.D.5 and Part III.A.3.c.iv of the permit). You must include the following:   * + Procedures for expeditiously stopping, containing, and cleaning up spills, leaks, and other releases. Identify the name or position of the employee(s) responsible for detection and response of spills or leaks; and   + Procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies where a leak, spill, or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity consistent with Part III.A.3.f. and established under either 40 CFR 110, 40 CFR 117, or 40 CFR 302, occurs during a 24-hour period (see Part III.A.3.f). Contact information must be in locations that are readily accessible and available to all employees. You may also reference the existence of Spill Prevention Control and Countermeasure (SPCC) plans developed for the construction activity under Part 311 of the CWA, or spill control programs otherwise required by an NPDES permit for the construction activity, provided that you keep a copy of that other plan on site. |
| Briefly summarize spill prevention and response procedures |
|  |
|  |
|  |

## 4.3 Fueling and Maintenance of Equipment or Vehicles (Part III.A.3.a in the Permit)

**Instructions – Describe fueling and maintenance practices**

Describe equipment/vehicle fueling and maintenance practices that will be implemented to eliminate the discharge of spilled or leaked chemicals

Secondary containment

Spill berms

Decks

Spill containment pallets

Spill kits

**General**

|  |
| --- |
| Provide a general description of fueling and maintenance practices |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Insert Approximate Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

## 4.4 Washing of Equipment and Vehicles (Part III.A.3.b in the Permit)

**Instructions – Describe washing practices**

Describe equipment/vehicle washing practices that will be used to minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other types of wash waters

Locate activities away from waters of this State and stormwater inlets or conveyances

Direct wash waters to a sediment basin or sediment trap

Use filtration devices

filter bags or sand filters

Use other effective controls

Describe how you will prevent the discharge of soaps, detergents, or solvents

Plastic sheeting

Temporary roofs

Other method of design to prevent the discharge of pollutants from these areas

**General**

|  |
| --- |
| Provide a general description of washing practices |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

## 4.5 Storage, Handling, and Disposal

**Instructions – Describe storage, handling, and disposal of building products, materials, and wastes**

Asphalt sealants, copper flashing, roofing materials, adhesives, concrete admixtures, gravel and mulch stockpiles

Pesticides, herbicides, insecticides, fertilizers, and landscape materials

Diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals

Hazardous or toxic waste, paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids

Construction and Domestic Waste, packaging materials, scrap construction materials, masonry products, timber, pipe and electrical cuttings, plastics, styrofoam, concrete, and other trash or building materials

Sanitary waste

Describe used applicator and container washing

Paint, Concrete or Other Materials

Describe pollution prevention for the use of fertilizers

Describe any additional pollution prevention practices

***4.5.1 Building Products (Part III.A.3.c.i in the Permit)***

**General**

|  |
| --- |
| Provide a general description of storage, handling and disposal of building products |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Insert Approximate Installation date |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

***4.5.2 Pesticides, Herbicides, Insecticides, Fertilizers, and Landscape Materials (Part III.A.3.c.ii in the Permit)***

**General**

|  |
| --- |
| Provide a general description of storage, handling and disposal of pesticides, herbicides, insecticides, fertilizers, and landscape materials |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

***4.5.3 Diesel Fuel, Oil, Hydraulic Fluids, Other Petroleum Products, and Other Chemicals (Part III.A.3.c.iii in the Permit)***

**General**

|  |
| --- |
| Provide a general description of storage, handling and disposal of diesel fuel, oil, hydraulic fluids, other petroleum products, and other chemicals |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

***4.5.4 Hazardous or Toxic Waste (Part III.A.3.c.iv in the Permit)***

**General**

|  |
| --- |
| Provide a general description of storage, handling and disposal of hazardous or toxic waste. (include paints, solvents, petroleum-based products, wood preservatives, additives, curing compounds, acids) |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

***4.5.5 Construction and Domestic Waste (Part III.A.3.c.v in the Permit)***

**General**

|  |
| --- |
| Provide a general description of storage, handling and disposal of construction and domestic waste |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

***4.5.6 Sanitary Waste (Part III.A.3.c.vi in the Permit)***

**General**

|  |
| --- |
| Provide a general description of storage, handling and disposal of sanitary waste |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

***4.5.7 Washing of Applicators and Containers used for Paint, Concrete or Other Materials (Part III.A.3.d in the Permit)***

**General**

|  |
| --- |
| Provide a general description of washing of used applicators and containers |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed.]*

***4.5.8 Fertilizers (Part III.A.3.e in the Permit)***

**General**

|  |
| --- |
| Provide a general description of pollution prevention for the use of fertilizers |
|  |
|  |

**Specific Pollution Prevention Practices**

|  |  |
| --- | --- |
| **Provide pollution prevention practice** | |
| **Description:** Describe practice to be installed | |
| **Installation** | Date of installation |
| **Maintenance Requirements** | Describe maintenance requirements for the pollution prevention practice |

*[Repeat as needed for individual fertilizer practices.]*

***4.5.9 Releases in Excess of Reportable Quantities. (Part III.A.3.f in the Permit)***

*Discharges of hazardous substances and oil resulting from on-site spills are not authorized by this permit. (Part I.D.5). In the event of a discharge resulting from a spill of hazardous substances or oil from a construction site (Parts III.A.3.c.iii and Part III.A.3.c.iv), where the release is an amount equal to or in excess of a reporting quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302, occurring during a 24 hour period:*

*i. You shall notify the National Response Center (NRC) as soon as you have knowledge of the discharge in accordance with the requirements of 40 CFR Part 110, 40 CFR Part 117, and 40 CFR Part 302;*

*• 1-800-424-8802 or*

*• 202-267-2675 (in the Washington, DC metropolitan area)*

*ii. You shall notify the Maryland Department of the Environment as soon as you have knowledge of the discharge;*

*• Between 8AM and 5PM at 410-537-3510*

*• All other hours at (866) 633-4686*

*You must also, within seven (7) calendar days of knowledge of the release, provide a description of the release, the circumstances leading to the release, and the date of the release to the Department’s compliance program. Local requirements may necessitate additional reporting of spills or discharges to local emergency response, public health, or drinking water supply agencies. No condition of this general permit shall release the permittee from any responsibility or requirements under other environmental statutes or regulations.*

# SECTION 5: INSPECTION, MAINTENANCE, AND CORRECTIVE ACTION

## 5.1 Inspection Personnel and Procedures (Part III.C of the Permit)

**Instructions – Describe inspection procedures**

Personnel Responsible

Inspection schedule

Record daily rainfall (See Appendix VI)

|  |  |  |
| --- | --- | --- |
| **Personnel Responsible for Inspections** | | |
| **Name** | Insert Name and Title | |
| **Certificate of attendance for a Responsible Personnel Training Program** ☐ Yes ☐ No ☐ N/A | | Insert date received certificate of attendance or attendance date |
| **Has the Approval Authority waived the Certificate of Training requirement?** | | ☐ Yes ☐ No ☐ N/A |
| *[Repeat as needed.]*  **Inspection Schedule** | | |

|  |
| --- |
| **Standard Frequency:** |
| ☐ Every 7 calendar days  ☐ Every 14 days and within 24 hours of a 0.25” rain or the occurrence of runoff from snowmelt sufficient to cause a discharge |
| **Increased Frequency (if applicable)**: |
| **For areas of sites discharging to sediment or nutrient-impaired waters or to waters designated as Tier II.**  ☐ Every 4 business days and within 24 hours of a 0.25” rain |
| **Rain Gauge Location (if applicable)** |
| Specify location(s) of rain gauge used to determine a rain event |
|  |

|  |
| --- |
|  |
| **Inspection Report Forms** |
| Insert copy of any inspection report forms you will use here |
| 5.2 Corrective Action (Part III.D of the Permit) **Instructions – Describe correction action**  Describe the procedures for taking corrective action in compliance  **Personnel Responsible for Corrective Actions**  Name and Title: Insert Name and Title  Telephone number: Insert Phone Number  Email: Insert email  Area of site responsible for: Insert Text  *[Repeat as needed.]*  **Corrective Action Forms**  Insert a copy of any correction action forms to be used |

|  |
| --- |
|  |
|  |

# SECTION 6: TRAINING (Part III.E of the Permit)

**Instructions – Describe training**

The following personnel, at a minimum, must receive training, and therefore should be listed individually in the table below:

Personnel who are responsible for the design, installation, maintenance, and repair of stormwater controls

Personnel responsible for the application and storage of treatment chemicals

Personnel who are responsible for conducting inspections

Personnel who are responsible for taking corrective actions

Personnel who are responsible for spill response

Personnel must be trained to understand the following if related to the scope of their job duties:

The permit deadlines associated with installation, maintenance, and removal of stormwater controls and with stabilization;

The location of all stormwater controls on the site required by this permit, and how they are to be maintained;

The proper procedures to follow with respect to the permit’s pollution prevention requirements; and

When and how to conduct inspections, record applicable findings, and take corrective actions.

Document all training.

|  |
| --- |
| **Documentation for Completion of Training** |
| |  |  |  | | --- | --- | --- | | **Name** | **Describe Training** | **Completion date** | | Insert name of personnel | Insert Text | Completion date |   *[Repeat as needed.]* |
|  |
|  |

# SECTION 7: EROSION AND SEDIMENT CONTROLS (Part III.F.f.i)

**General Instructions – Describe the erosion and sediment controls**

**This section is included for your use. However, you may refer to your approved E&SC rather than list everything in this plan. Focus on areas not addressed by the E&SC.**

Describe any applicable stormwater control design specifications

Include references to any manufacturer specifications and/or erosion and sediment control manuals/ordinances relied upon

Describe any routine stormwater control maintenance specifications.

Describe the projected schedule for stormwater control installation/implementation.

## 7.1 Stream Protection Zone (Natural Buffers or Equivalent Sediment Controls) (Part III.F.f.ii)

**Instructions – Indicate buffer(s)**

This section only applies to you if a water of this State is located within 50 feet of your site’s earth disturbances (or 100 feet if the watershed is considered a Tier II.

Describe the compliance alternative that was chosen to meet the buffer requirements

Include any required documentation supporting the alternative selected.

The compliance alternative selected must be maintained throughout the duration of permit coverage.

If you select a different compliance alternative during your period of permit coverage, you must modify your SWPPP to reflect this change.

**Buffer Compliance Alternatives**

Are there any disturbance within the Stream Protection Zone? ☐ YES ☐ NO

Check the compliance alternative that you have chosen:

☐ (i) I will provide and maintain a 50-foot (100-foot average within a Tier II) undisturbed natural buffer.

(Note (1): You must show the 50-foot boundary line of the natural buffer on your site map.)

(Note (2): You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site’s erosion and sediment controls. Also, show on the site map any velocity dissipation devices used to prevent erosion within the natural buffer area.)

☐ (ii) I will provide and maintain an undisturbed natural buffer that is less than 50 feet and is supplemented by additional erosion and sediment controls, which in combination achieves the sediment load reduction equivalent to a 50-foot undisturbed natural buffer.

(Note (1): You must show the boundary line of the natural buffer on your site map.)

(Note (2): You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site’s erosion and sediment controls. Also, show on the site map any velocity dissipation devices used to prevent erosion within the natural buffer area.)

## 7.2 Perimeter Controls (Part III.F.f.ii)

**Instructions – Describe sediment controls**

Provide a description of sediment controls that are along the perimeter areas of the site.

silt fences

filter berms

temporary diversion dikes

fiber rolls

If you have determined that the use of perimeter controls is infeasible, list other practices implemented.

**General**

|  |
| --- |
| Provide a general description of the perimeter controls at the construction site. |
|  |
|  |

**Specific Perimeter Controls**

|  |  |
| --- | --- |
| **Insert name of perimeter control to be installed** | |
| **Description:** Indicate specific controls that will be installed and made operational prior to earth disturbance | |
| **Installation** | Insert date of installation |
| **Maintenance Requirements** | Insert maintenance requirements for the perimeter control. |

*[Repeat as needed for individual perimeter controls.]*

## 7.3 Sediment Track-Out (Part III.F.f.ii)

**Instructions – Describe controls used to minimize sediment track-out**

Describe location(s) of vehicle exit(s).

Describe procedures to remove accumulated sediment off-site.

vehicle tracking

Describe stabilization practices.

stone pads

wash racks

both stone pads and wash racks

Describe the design, installation, and maintenance specifications for each control.

**General**

|  |
| --- |
| Provide a general description of the sediment trackout control at the construction site. |
|  |
|  |

**Specific Track-Out Controls**

|  |  |
| --- | --- |
| **Insert name of trackout control to be installed** | |
| **Description:** Insert description of trackout control to be installed | |
| **Installation** | Insert date of installation |
| **Maintenance Requirements** | Insert maintenance requirements for the trackout control |

*[Repeat as needed for individual track-out controls.]*

## 7.4 Site Stabilization

**Instructions – Describe site stabilization**

Describe the specific vegetative and/or non-vegetative practices that will be used to stabilize exposed soils where construction activities have temporarily or permanently ceased.

Avoid using impervious surfaces for stabilization whenever possible.

Delayed stabilization

Record stabilization data (See Appendix V)

* Stabilization measures (see Part III.A.2.f). You must include the following:
  + The specific vegetative and/or non-vegetative practices that will be used;
  + The stabilization deadline that will be met in accordance with Part III.A.2.f;
  + If complying with deadlines for sites affected by unforeseen circumstances that delay the initiation and/or completion of vegetative stabilization, document the circumstances and the schedule for initiating and completing stabilization.

|  |  |
| --- | --- |
| **Insert name of site stabilization practice** | |
| ☐ *Vegetative* ☐ *Non-Vegetative*  ☐ *Temporary*  ☐ *Permanent* | |
| **Description:**  Insert description of stabilization practice to be installed | |
| **Installation** | Insert installation date |
| **Completion** | Insert completion date |
| **Maintenance Requirements** | Insert maintenance requirements for the stabilization practice |

*[Repeat as needed for additional stabilization practices.]*

**If unforeseen circumstances have delayed the initiation and/or completion of vegetative stabilization, please provide a description below:**

|  |
| --- |
| Enter text |
|  |

Provide the name(s) of approval authority and/or MDE Inspector contacted and date(s) contacted:

|  |  |
| --- | --- |
| List the approved authority contacted | List the date the approval authority was contacted |

*[Repeat as needed.]*

## 7.5 Stockpiled Sediment or Soil

**Instructions – Describe controls to minimize discharge of sediment from stockpiles**

Describe stormwater controls and other measures you will take to minimize the discharge of sediment or soil particles from stockpiled sediment or soil.

Include a description of structural practices

Diversions

Berms

Ditches

Storage basins

Describe the design, installation, and maintenance specifications, used to divert flows from stockpiled sediment or soil, retain or detain flows, or otherwise limit exposure and the discharge of pollutants from stockpiled sediment or soil.

For piles that will be unused for 14 or more days, describe what cover or other appropriate temporary stabilization.

Describe any controls or procedures used to minimize exposure resulting from adding to or removing materials from the pile.

**General**

|  |
| --- |
| Provide a general description of how you will minimize discharge of sediment from stockpiles |
|  |
|  |

**Specific Stockpile Controls**

|  |  |
| --- | --- |
| **Insert name of stockpile control to be installed** | |
| **Description:** Insert description of stockpile control to be installed | |
| **Installation** | Insert date of installation |
| **Maintenance Requirements** | Insert maintenance requirements for the stockpile control |

*[Repeat as needed for individual stockpile controls.]*

## 7.6 Minimize Dust

**Instructions – Describe controls used to minimize dust.**

Describe controls you will use to minimize the generation of dust.

List the procedures you will use at your site to minimize the generation of dust.

**General**

|  |
| --- |
| Provide a general description of how you will minimize dust |
|  |
|  |

**Specific Dust Controls**

|  |  |
| --- | --- |
| **Insert name of dust control to be installed** | |
| **Description:** Insert description of dust control to be installed | |
| **Installation** | Insert date of installation |
| **Maintenance Requirements** | Insert maintenance of requirements for the dust control |

*[Repeat as needed for individual dust controls.]*

## 7.7 Minimize Steep Slope Disturbances

**Instructions – Describe minimization of disturbance to steep slopes**

Describe how you will minimize the disturbance to steep slopes.

Describe controls

Erosion control blankets

Tackifiers

Describe the design, installation, and maintenance specifications that used to minimize sediment discharges from slope disturbances.

**General**

|  |
| --- |
| Provide a general description of how you will minimize steep slope disturbances |
|  |
|  |

**Specific Steep Slope Controls**

|  |  |
| --- | --- |
| **Insert name of steep slope control to be installed** | |
| **Description:** Insert description of steep slope control to be installed | |
| **Installation** | Insert date of installation |
| **Maintenance Requirements** | Insert maintenance requirements for the steep slope control |

*[Repeat as needed for individual steep slope controls.]*

## 7.8 Topsoil

**Instructions – Describe how topsoil will be preserved**

Identify the areas where the topsoil will be preserved

Indicate the associated control measures on your site map.

Provide an explanation as to why the topsoil may not be preserved at your site

**General**

|  |
| --- |
| Provide a general description of how you will preserve topsoil. IF you are unable to preserve topsoil, provide an explanation. |
|  |
|  |

**Specific Topsoil Controls**

|  |  |
| --- | --- |
| **Insert name of topsoil control to be installed** | |
| **Description:** Insert description of topsoil control to be installed | |
| **Installation** | Insert date of installation |
| **Maintenance Requirements** | Insert maintenance requirements for the topsoil control |

*[Repeat as needed for individual steep slope controls.]*

## 7.9 Soil Compaction

**Instructions – Describe controls for final vegetative stabilization or installation of infiltration practices**

Describe the controls, including design, installation, and maintenance specifications

Restrict vehicle or equipment access

Condition the soil for seeding or planting

**General**

|  |
| --- |
| Provide a general description of how you will install infiltration practices or final vegetative stabilization |
|  |
|  |

**Specific Soil Compaction Controls**

|  |  |
| --- | --- |
| **Insert name of soil compaction control to be installed** | |
| **Description:** Insert description of soil compaction control to be installed | |
| **Installation** | Insert date of installation |
| **Maintenance Requirements** | Insert maintenance requirements for the soil compaction control |

*[Repeat as needed for individual soil compaction controls.]*

## 7.10 Storm Drain Inlets

**Instructions – Describe controls to protect inlets**

Describe design, installation and maintenance specifications

Inserts

Rock-filled bags

Block and gravel

**General**

|  |
| --- |
| Provide a general description of how you will protect inlets |
|  |
|  |

**Specific Storm Drain Inlet Controls**

|  |  |
| --- | --- |
| **Insert name of storm drain inlet control to be installed** | |
| **Description:** Insert description of storm drain inlet control to be installed | |
| **Installation** | Insert date of installation |
| **Maintenance Requirements** | Insert maintenance requirements for the storm drain inlet control |

*[Repeat as needed for individual storm drain inlet controls.]*

## 7.11 Compliance with Other Requirements

* 1. *Threatened and Endangered Species Protection. Include documentation required in Part III.A.2.n supporting your eligibility with regard to the protection of State threatened and endangered species and designated critical habitat.*
  2. *Safe Drinking Water Act Underground Injection Control (UIC) Requirements for Certain Subsurface Stormwater Controls. If you are using any of the following stormwater controls at your site, document any contact you have had with the Department for implementing the requirements for underground injection wells in the Safe Drinking Water Act and EPA’s implementing regulations at 40 CFR 144 -147. Such controls would generally be considered Class V UIC wells:*
  3. *Infiltration trenches (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system);*
  4. *Commercially manufactured pre-cast or pre-built proprietary subsurface detention vaults, chambers, or other devices designed to capture and infiltrate stormwater flow; and*
  5. *Drywells, seepage pits, or improved sinkholes (if stormwater is directed to any bored, drilled, driven shaft or dug hole that is deeper than its widest surface dimension, or has a subsurface fluid distribution system).*

# SECTION 8: CERTIFICATION AND NOTIFICATION

**Instructions – Certification statement**

The following certification statement must be signed and dated by a person who meets the requirements.

This certification must be re-signed in the event of a SWPPP Modification.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

|  |  |  |  |
| --- | --- | --- | --- |
| Name and Title: |  |  | |
| Signature and Date: |  | |  |

*[Repeat as needed for multiple construction operators at the site.]*

# SECTION 9: Appendices

## [9.1 Amendment Log](#bookmark42)

Use the table below to record any SWPPP Amendments.

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Description of the Amendment** | **Date of Amendment** | **Amendment Prepared by**  **[Name(s) and Title]** |
|  |  |  |  |

## 9.2 Site Maps (Part III.F.2.d of the permit)

**Instructions – Attach site maps**

For most projects, a series of site maps is necessary and recommended.

The first should show the undeveloped site and its current features.

An additional map or maps should be created to show the developed site or, for more complicated sites, show the major phases of development.

Site maps must include the following features:

Boundaries of the property;

Locations where earth-disturbing activities will occur, noting any phasing of construction activities and any demolition activities;

Approximate slopes before and after major grading activities;

Note areas of steep slopes

Locations where sediment, soil, or other construction materials will be stockpiled;

Locations of any crossings of waters of this State;

Designated points where vehicles will exit onto paved roads;

Locations of structures and other impervious surfaces upon completion of construction; and

Locations of on-site and off-site construction support activity areas covered by this permit.

Locations of all waters of this State, including wetlands, on your site and within one mile downstream of the site’s discharge point.

Indicate which waterbodies are listed as impaired

Indicate which are identified as Tier II waters

Areas of federally listed critical habitat for endangered or threatened species within the site and/or at discharge locations.

Type and extent of pre-construction cover on the site

Examples: vegetative cover, forest, pasture, pavement, structures

Drainage pattern(s) of stormwater and authorized non-stormwater before and after major grading activities.

Stormwater and authorized non-stormwater discharge locations, including:

Locations where stormwater and/or authorized non-stormwater will be discharged to storm drain inlets; and

Locations where stormwater or allowable non-stormwater will be discharged to waters of this State (including wetlands).

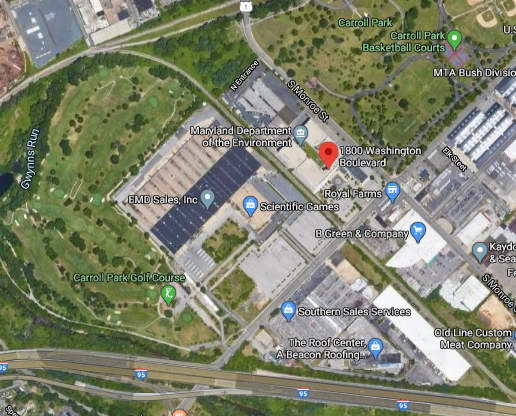
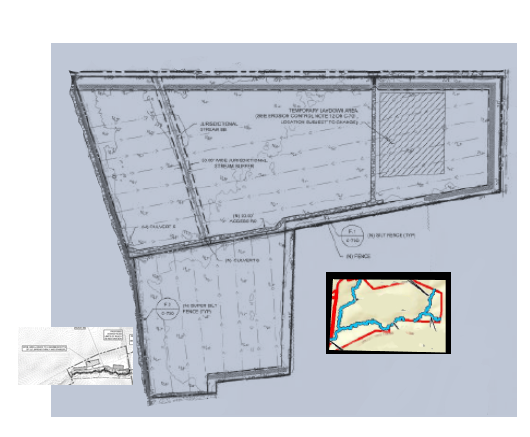
Locations of all potential pollutant-generating activities.

Locations of stormwater controls, including natural buffer areas and any shared controls utilized to comply with the permit.

Locations where polymers, flocculants, or other treatment chemicals will be used and stored.

Insert Site Maps

*EXAMPLES:*



## 9.3 S[ample Subcontractor Certifications/Agreements](#bookmark43)

You may use the sample below as a template to record any subcontractor agreements.

SUBCONTRACTOR CERTIFICATION

STORMWATER POLLUTION PREVENTION PLAN

Project Number:

Project Title:

Operator(s):

As a subcontractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer.

Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

**I certify under the penalty of law that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the practices described in the SWPPP.**

This certification is hereby signed in reference to the above-named project:

**Company:**

**Address:**

**Telephone Number:**

**Type of construction service to be provided:**

**Signature:**

**Title:**

**Date:**

## [9.4 Cationic Chemical Treatment Approval Form](#bookmark44)

Use the form found on the construction website for approval for the use of Cationic Chemical Additives: <https://mde.maryland.gov/programs/water/wwp/Pages/gp_construction.aspx>

When submitting for the approval of Cationic Chemical Additives, the form must be accompanied with the information contained in section 4.12 of the SWPPP. The approval authority may request additional information.

Remember that final approval from the appropriate authority must be received prior to the use of Cationic Chemical Additives.

## [9.5 Grading and Stabilization Activities Log](#bookmark45)

*Use the table below to record any grading/stabilization activities.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date Grading Activity Initiated** | **Description of Grading Activity** | **Description of Stabilization Measure and Location** | **Date Grading Activity Ceased** (Temporary or Permanent) | **Date When Stabilization Measures Initiated** |
| Date |  |  | Date  ☐ Temporary  ☐ Permanent | Date |
| Date |  |  | Date  ☐ Temporary  ☐ Permanent | Date |
| Date |  |  | Date  ☐ Temporary  ☐ Permanent | Date |
| Date |  |  | Date  ☐ Temporary  ☐ Permanent | Date |

## [9.6 Rainfall Log](#bookmark45)

*Use the table below to record the rainfall gauge readings at the beginning and end of each workday.*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Month/Year | | | Month/Year | | | Month/Year | | |
| Day | Start time | End time | Day | Start time | End time | Day | Start time | End time |
| 1 |  |  | 1 |  |  | 1 |  |  |
| 2 |  |  | 2 |  |  | 2 |  |  |
| 3 |  |  | 3 |  |  | 3 |  |  |
| 4 |  |  | 4 |  |  | 4 |  |  |
| 5 |  |  | 5 |  |  | 5 |  |  |
| 6 |  |  | 6 |  |  | 6 |  |  |
| 7 |  |  | 7 |  |  | 7 |  |  |
| 8 |  |  | 8 |  |  | 8 |  |  |
| 9 |  |  | 9 |  |  | 9 |  |  |
| 10 |  |  | 10 |  |  | 10 |  |  |
| 11 |  |  | 11 |  |  | 11 |  |  |
| 12 |  |  | 12 |  |  | 12 |  |  |
| 13 |  |  | 13 |  |  | 13 |  |  |
| 14 |  |  | 14 |  |  | 14 |  |  |
| 15 |  |  | 15 |  |  | 15 |  |  |
| 16 |  |  | 16 |  |  | 16 |  |  |
| 17 |  |  | 17 |  |  | 17 |  |  |
| 18 |  |  | 18 |  |  | 18 |  |  |
| 19 |  |  | 19 |  |  | 19 |  |  |
| 20 |  |  | 20 |  |  | 20 |  |  |
| 21 |  |  | 21 |  |  | 21 |  |  |
| 22 |  |  | 22 |  |  | 22 |  |  |
| 23 |  |  | 23 |  |  | 23 |  |  |
| 24 |  |  | 24 |  |  | 24 |  |  |
| Month/Year | | | Month/Year | | | Month/Year | | |
| Day | Start time | End time | Day | Start time | End time | Day | Start time | End time |
| 25 |  |  | 25 |  |  | 25 |  |  |
| 26 |  |  | 26 |  |  | 26 |  |  |
| 27 |  |  | 27 |  |  | 27 |  |  |
| 28 |  |  | 28 |  |  | 28 |  |  |
| 29 |  |  | 29 |  |  | 29 |  |  |
| 30 |  |  | 30 |  |  | 30 |  |  |
| 31 |  |  | 31 |  |  | 31 |  |  |

## [9.6](#bookmark46) [SWPPP Training Log](#bookmark47)

*You may use the sample below as a template to record specific personnel training.*

**Stormwater Pollution Prevention Training Log**

|  |
| --- |
| **Project Name:** |
| **Project Location:** |
| **Instructor’s Name(s):** |
| **Instructor’s Title(s):** |

|  |  |  |
| --- | --- | --- |
| **Course Location** | **Date** | **Course Length (hours)** |
|  |  |  |

Stormwater Training Topic: *(check as appropriate)*

|  |  |  |  |
| --- | --- | --- | --- |
| ☐ | **Sediment and Erosion Controls** | ☐ | **Emergency Procedures** |
| ☐ | **Stabilization Controls** | ☐ | **Inspections/Corrective Actions** |
| ☐ | **Pollution Prevention Measures** | ☐ | **Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

**Specific Training Objective:**

Attendee Roster:

|  |  |  |
| --- | --- | --- |
| **No.** | **Name of Attendee** | **Company** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |
| 9 |  |  |
| 10 |  |  |
| 11 |  |  |
| 12 |  |  |
| 13 |  |  |
| 14 |  |  |
| 15 |  |  |
| 16 |  |  |
| 17 |  |  |
| 18 |  |  |
| 19 |  |  |
| 20 |  |  |

*(attach additional pages as necessary)*