



**Legend**

- Storm Sewer Pipe & Flow Direction
- Storm Inlet
- Surface Flow Direction
- Stream
- Paved Surface
- Sidewalk/Gravel Surface
- Wooded Area
- Grassed Area
- Building
- Inspection Location
- Outfall Location
- SWM Facility Location

**SWPPP Guide**

- DUMPSTERS
- DUMPSTERS
- DUMPSTERS
- DUMPSTERS
- OUTDOOR EQUIPMENT/VEHICLE STORAGE, COVERED EQUIPMENT/VEHICLE STORAGE, DUMPSTERS
- COVERED LOADING, OUTDOOR LOADING
- OUTDOOR LOADING, DUMPSTERS
- DUMPSTERS
- OUTDOOR EQUIPMENT/VEHICLE STORAGE, VEHICLE WASHING, VEHICLE MAINTENANCE
- FUELING AREA, OUTDOOR/VEHICLE STORAGE, COVERED EQUIPMENT/VEHICLE STORAGE
- DUMPSTERS

**General Note**  
 This map is required to be updated when any new infrastructure is built (buildings, storm sewer, outfalls, etc.) or any possible pollutant generating activities are created, moved, or eliminated (new dumpster, new stockpile area, etc.). Notify the Director of Physical Plant Services regarding changes in the field not depicted on this map.

**BMP Inventory**  
 Dry Detention

- SWPPP Notes**
- In addition to the Potential Pollutant Source Locations identified on the map, the site inspection shall also observe and report:
1. Areas of erosion occurring on-site;
  2. Locations of exposed soils (i.e. lack of gravel cover);
  3. Oil, hydraulic fluid, or chemical spills;
  4. Open (uncovered) and unlabeled containers; and
  5. Any other potential pollutant that could be exposed to precipitation and stormwater runoff.

- SWPPP Inspection Procedures**
- **Inspect** potential pollution source locations in sequence with numbering on the map.
  - **Reference** the back of this map to assist with identification of pollutant concerns at each location and practices to address potential pollutant exposure to stormwater runoff.
  - **Complete** the SWPPP Inspection Form for each corresponding location during inspection.
  - **Submit** completed form to the Director of Physical Plant Services.
  - **Conduct** follow-up to findings, as directed by the Director of Physical Plant Services.
  - **Document** on SWPPP Inspection Form the completion of follow-up actions.

**CENTRAL STATE HOSPITAL**  
**PETERSBURG, VIRGINIA**  
 Stormwater Pollution Prevention Plan, Illicit Discharge  
 Detection & Elimination & Post-Construction  
 Stormwater Management Facility Map

**EEE Consulting, Inc.**  
 Environmental, Engineering and Educational Solutions

JUNE 2019

## SWPPP Inspection Overview

### Purpose

The intent of this reference guide is to provide quick access to descriptions of common pollutant sources and common controls and practices to address the pollutants for each location identified on the Stormwater Pollution Prevention Plan (SWPPP) map. If needed, additional information for each potential pollutant source or activity, including source controls, standard operating procedures, and removal/disposal of pollutants is provided in the Hospital's Good Housekeeping and Pollution Prevention Manual (GHPP), latest edition.

### Qualification for Performing SWPPP Inspection

The individual completing the SWPPP Inspection Form shall have participated in the CSH's Municipal Separate Storm Sewer System (MS4) Good Housekeeping/Pollution Prevention training that includes introduction to the Specific Operation & Maintenance (O&M) Procedures Section included with this SWPPP, by reference.

### Frequency and Protocol

The SWPPP Inspection Form shall be completed once annually. The completed form shall be provided to the Director of Physical Plant Services immediately after the inspection is completed. The Director of Physical Plant Services will provide follow-up for findings. Once follow-up is completed, it shall be indicated or noted on the SWPPP Inspection Form, as appropriate. ***The SWPPP Inspection is not complete until appropriate follow-up to findings has been documented on the SWPPP Inspection Form.***

## Reportable Spills & Discharges

If an onsite spill or occurring discharge to surface waters of any pollutant is observed, immediately contain the pollutant to prevent potential or further discharge. The Director of Physical Plant Services shall be notified immediately to:

1. Determine the further actions necessary to eliminate the potential or occurring discharge and
2. Determine if the discharge was equal to or in excess of a reportable quantity per Section III G of the MS4 General Permit.
  - If the discharge is reportable, the Director of Physical Plant Services will notify the DEQ within 24 hours and prepare the necessary report per Section III G of the MS4 General Permit for submission to DEQ. A copy of the report shall be maintained in a file with the SWPPP materials on site.

For emergencies, call 9-1-1.

## SWPPP Map Quick Reference Guide

**Dumpsters** ① ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩  
⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲

**Potential Pollutant and Sources:** Various liquids, solids and rust can leach onto the ground.

**Source Controls:** If leaking, use absorbent, scrub with a broom to remove as much of the contaminate as possible, and promptly recover all material. For recurring issues, provide drip pan or absorbent pad.

**Best Management Practice(s):** Keep dumpsters and trash cans covered and replace damaged containers.

**O&M Procedure Reference:** Section 5.5

**Outdoor Equipment/Vehicle Storage** ① ② ⑦ ⑭ ⑱ ⑲

**Potential Pollutant and Sources:** Petroleum product leaks from hydraulic hoses or vehicles/equipment in disrepair. Grease, sediment, rust and other pollutants on equipment.

**Source Controls:** Drip pans or absorbent pads placed under leaks and containment bags wrapped around leaking components if potential for intermingling with stormwater.

**Best Management Practice(s):** Repair equipment leaking fuel or oil. Utilize source controls while leaks occur and inspect regularly to ensure pollutants are not exposed to precipitation. Remove and properly dispose of pollutants on ground surface.

**O&M Procedure Reference:** Section 5.3

**Outdoor Loading** ① ⑥ ⑮ ⑱

**Potential Pollutant and Sources:** Packaging material from loading, petroleum products from equipment/vehicles.

**Best Management Practice(s):** Load material in dry weather, sweep up trash and erodibles. Clean up vehicle or equipment leaks. Remove and properly dispose of pollutants on ground surface.

**O&M Procedure Reference:** Section 5.7

## Pertinent Contacts

**Emergency:** 9-1-1

**City of Petersburg Fire Department (Non-Emergency):** (804) 733-2328

**City of Petersburg Police (Non-Emergency):** (804) 732-4222

**City of Petersburg Office of Emergency Management:** (804) 733-2328

**CSH Director of Physical Plant Services (Andrew Conti):** (804) 524-4723

**Covered Loading** ⑥ ⑦ ⑮

**Potential Pollutant and Sources:** Packaging material from loading, petroleum products from equipment/vehicles.

**Best Management Practice(s):** Load material in dry weather, sweep up trash and erodibles. Clean up vehicle or equipment leaks. Remove and properly dispose of pollutants on ground surface.

**O&M Procedure Reference:** Section 5.7

**Covered Vehicle/Equipment Storage** ⑭

**Potential Pollutant and Sources:** Petroleum product leaks from hydraulic hoses or vehicles/equipment in disrepair. Grease, sediment, rust and other pollutants on equipment.

**Source Controls:** Drip pans or absorbent pads placed under leaks and containment bags wrapped around leaking components if potential for intermingling with stormwater.

**Best Management Practice(s):** Repair equipment leaking fuel or oil. Utilize source controls while leaks occur and inspect regularly to ensure pollutants are not exposed to precipitation. Remove and properly dispose of pollutants on ground surface.

**O&M Procedure Reference:** Section 5.3

**Vehicle Maintenance** ⑱

**Potential Pollutant and Sources:** Equipment repair activities can introduce pollutants onto ground surface.

**Source Controls:** Drip pans or absorbent pads placed under leaks and containment bags wrapped around eaking components if potential for intermingling with stormwater.

**Best Management Practice(s):** Repair equipment leaking fuel or oil. Utilize source controls where leaks occur and inspect regularly to ensure pollutants are not exposed to precipitation. Remove and properly dispose of pollutants on ground surface.

**O&M Procedure Reference:** Section 5.2

**Vehicle Washing** ⑱

**Potential Pollutant and Sources:** Solvents, grease, sediment, and petroleum products can enter the stormwater system.

**Best Management Practice(s):** Wash only in designated wash bays that drain directly to the sanitary sewer.

**O&M Procedure Reference:** Section 5.1

**Outdoor Material Storage** ③

**Potential Pollutant and Sources:** Petroleum products, solvents, corrosive material, grease or sediment from materials stored outdoors.

**Source Controls:** Perimeter controls or cover.

**Best Management Practice(s):** Store materials that could introduce pollutants to runoff indoors. Remove and properly dispose of pollutants on ground surface.

**O&M Procedure Reference:** Section 5.8

**Fueling Area** ⑱

**Potential Pollutant and Sources:** Fuel spills.

**Source Controls:** Maintain a spill kit in the immediate vicinity with posted instruction for use of the kit. Perform timely maintenance repairs to address leaks. Use secondary containment and/or cover with a tarp.

**Best Management Practice(s):** Cover spills completely with absorbent and subsequently scrub with a broom. Promptly remove and dispose of material in a waste receptacle for waste oil. For leaks, provide a drip pad or absorbent pad until repairs can be made. Dispose of collected fuel in a waste receptacle for waste oil.

**O&M Procedure Reference:** Section 5.4

**DEQ Pollution Response & Preparedness Program (PREP), Piedmont Regional Office:** (804) 527-5020 (Mon. - Fri. 8:30 - 5:00)

**VA Dept. Emergency Management:** (800) 468-8892 (24 hrs./7wk.)

Interconnected MS4 Localities

**City of Petersburg Stormwater Management (IDDE Reporting):** (804) 733-2357

**VDOT (Richmond District):** (800) 663-4188