



Office of Environmental Management

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STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

SINGLE FAMILY, RESIDENTIAL

1. Construction Activity Operator:

Company/Organization: _____

Name: _____

Address: _____

City/State/Zip: _____

Telephone: _____

Email: _____

2. Project/Site Information:

Road/Street Name: _____

Subdivision (if applicable): _____

Lot#: _____

Latitude: _____ N (decimal degrees)

Longitude: _____ W (decimal degrees)

3. Certification

“I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared 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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Operator Name: _____ **Date:** _____

Signature: _____

4. Required Documents; *(the following documents are required at the time of permit application and shall remain on site during construction activities at all times.)*

- 2014 Construction General Permit
- Notice of Coverage Letter
- Erosion and Sediment Control Plan
- Stormwater Pollution Prevention Plan (SWPPP)

All forms can be found here: <http://www.co.campbell.va.us/167/Erosion-Sediment-Control-Stormwater-Management>

5. Erosion and Sediment Control:

All vegetative and structural erosion and sediment control practices will be constructed and maintained in accordance with the minimum standards and specifications of the “Virginia Erosion and Sediment Control Handbook” (VESCH), latest edition.

Please select all applicable practices.

| Control Measure: | Installation Date: | Responsibility of: |
|---|--|--------------------|
| <input type="checkbox"/> Construction Entrance (3.02) | _____ | _____ |
| <input type="checkbox"/> Silt Fence (3.05) | _____ | _____ |
| <input type="checkbox"/> Culvert Inlet Protection (3.08) | _____ | _____ |
| <input type="checkbox"/> Culvert Outlet Protection (3.18) | _____ | _____ |
| <input type="checkbox"/> Temporary Seeding (3.31) | <i>As-required by site conditions.</i> | _____ |
| <input type="checkbox"/> Permanent Seeding (3.32) | _____ | _____ |
| <input type="checkbox"/> Straw Mulching (3.35) | Shall be required during extreme seasonal weather conditions to provide a reasonable level of protection to the soil surface. | |
| <input type="checkbox"/> Street Cleaning | <i>As-required by site conditions.</i> | _____ |
| <input type="checkbox"/> Other | _____ | |

The operator shall inspect all erosion control measures immediately after each run-off producing rainfall event, at least daily during prolonged rainfall, at least weekly when no rainfall occurs, and in accordance with the Virginia Stormwater Management Program (VSMP) Permit Regulations. These “self-inspections” shall be documented in Section 9.

Operators Initials: _____

6. Pollution Prevention:

Below is a list of potential pollution sources that are likely to be present during construction of this project. Please read each practice and check all applicable pollutants and practices.

1. Clearing, Grading and Excavation: Utilize erosion and sediment controls to prevent sediment laden runoff from leaving the construction site. Dispose of clearing debris at acceptable disposal sites. Apply Seed or mulch denuded areas within 14 days of land clearing. **Organic Material shall not be buried on site.**
2. Dewatering Operations: Water from building footings or other sources shall be filtered, settled or similarly treated prior to discharge.
3. Concrete Washout: Direct concrete wash water into a leak-proof container or leak-proof settling basin to eliminate overflow. Use of excavated pit or areas that have been contained by soil berms are common practices. Hardened concrete wastes shall be removed and disposed of in a manner consistent with the handling of other construction wastes.
4. Material Delivery/Storage: Designate areas of the construction site for material delivery and storage. Place near construction entrances, away from waterways, and avoid transport near drainage paths or waterways.
5. Solid Waste Disposal: Designate a waste collection area on the construction site that does not receive a substantial amount of runoff from upland areas and does not drain directly to a waterway. Ensure that containers have lids so they can be covered before periods of rain, and keep containers in a covered area whenever possible. **Materials shall not be buried/disposed of on site.**
6. Paint Cleanup/Chemical Solvents: Keep chemical and cleaning agents, sealed and stored in dry areas. Conduct painting operations consistent with local air quality and OSHA regulations. Mix paint indoors, in a containment area or in a flat unpaved area. Prevent the discharge of soaps, solvents, detergents and wash water from construction materials, including the clean-up of stucco paint, form release oils and curing compounds.
7. Sanitary Waste: Convenient and well-maintained portable sanitary facilities will be provided, and located away from waterways or inlets. Such facilities shall be regularly maintained.
8. Fueling/Oils/Grease: Provide double walled fuel tanks, or lined containment area, drip pans, and spill prevention cleanup materials, refer to spill prevention plan if applicable.
9. Paving: Cover storm drain inlets during paving operations and utilize pollution prevention materials such as drip pans and absorbent/oil dry for all paving machines to limit leaks and spills of paving materials and fluids.

Operators Initials: _____

7. Spill Prevention and Reporting:

Most spills can be cleaned up following manufacturer specifications. Absorbent/oil dry, sealable containers, plastic bags, and shovels/brooms are suggested minimum spill response items that should be available at this location.

1st Priority: Protect all people

2nd Priority: Protect equipment and property

3rd Priority: Protect the environment

1. Check for hazards (flammable material, noxious fumes, cause of spill) – if flammable liquid, turn off engines and nearby electrical equipment. If serious hazards are present leave the area and call 911. LARGE SPILLS ARE LIKELY TO PRESENT A HAZARD.
2. Make Sure the spill area is safe to enter and that it does not pose an immediate threat to health or safety of any person.
3. Stop the spill source.
4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers.
5. If possible, stop spill from entering drains (use absorbent or other material as necessary).
6. Stop spill from spreading (use absorbent or other material)
7. If spilled material has entered a storm sewer; contact locality's storm water department.
8. Clean up spilled material according to manufacturer specifications, for liquid spills use absorbent materials and do not flush area with water.
9. Properly dispose of cleaning materials and used absorbent material according to manufacturer specifications.

Contacts:

| | |
|--|--------------|
| DEQ Blue Ridge Regional Office (Lynchburg) | 434-582-5120 |
| DEQ Blue Ridge Regional Office (Roanoke) | 540-562-6700 |
| Campbell County Environmental Office | 434-332-9506 |
| VA Dept. of Emergency Management | 804-674-2400 |
| Campbell County Emergency | 911 |

8. Stormwater Management:

All stormwater management control practices will be constructed and maintained in accordance with the specifications of the “Virginia Stormwater BMP Clearing House.”

Control Measure:

- Stormwater Management Provided by Larger Common Plan of Development. (*Identify Below*)
- Rooftop Disconnection. (6ft maximum distance allowed for downspouts to be piped).
- Sheet flow from driveways/parking areas. Direct runoff from these areas to vegetated areas.
- Sheet flow. Direct runoff from lawn areas to undisturbed or vegetated areas (*to the maximum extent possible*).
- Grass Channel/Swale. Direct sheet flow and small quantities of concentrated runoff to vegetated grass channels and swales.
- Rainwater Harvesting. (Rain Barrels).
- Other

Please provide the name, type and location of the existing stormwater management facility/system that was constructed to serve your project for stormwater compliance.

_____.

Operator Initials: _____

9. Operator Inspections (“Self-Inspections”)

The operator shall conduct “self inspections” and maintain the inspections log and construction activity log in accordance with the Virginia Stormwater Management Program (VSMP) Permit Regulations.

Discharges to surface waters: (*To be filled out by Campbell County Staff*)

- Once every 5 business days; or once every 10 business days and no later than 48 hours following a measurable storm event.

Discharges to impaired waters, surface waters within a TMDL watershed, or exceptional waters:

- Once every 4 business days; or once every 5 business days and no later than 48 hours following a measurable storm event.

INSPECTION LOG SHALL BE UPDATED ROUTINELY.

CONSTRUCTION ACTIVITY LOG SHALL BE UPDATED ACCORDINGLY.

Construction Activity Log: Please document when the following construction related activities occurred for your project. *(If additional space is needed, print this page and attach to SWPPP)*

| <u>Date(s)</u> | <u>Activity</u> | <u>Actions (See Section 6 Pollution Prevention)</u> |
|----------------|----------------------------|---|
| _____ | Clearing/Grubbing | Install Construction Entrance. Site preparation, remove _____ trees and brush etc. Sec 6.1. |
| _____ | Lot Grading/Excavation | Install silt fence, and all other required erosion controls. Sec 6.1 |
| _____ | Concrete Footer/Foundation | Provide concrete wash out. Sec 6.4. |
| _____ | Concrete Slab | |
| _____ | Misc. Concrete | |
| _____ | Sanitary | Installed portable toilet. Sec 6.7. |
| _____ | House Construction | Maintain all erosion/sediment controls. Sec 6.1. |
| _____ | Solid Waste Disposal | Practice good housekeeping, contain all trash, construction waste and debris. Sec 6.5. |
| _____ | Paint/Chemical Cleanup | Provide paint clean out areas, and chemical storage. Sec 6.6. |
| _____ | Downspouts Disconnected | |
| _____ | Final Grading | Stabilize all disturbed areas within 7 days. |
| _____ | Paving | Sec 6.9 |
| _____ | Final Stabilization | |

In the space below, please list any additional construction activity that is required for this project.