

CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN TEMPLATE

The following template may be used as a general guide for development of a Stormwater Pollution Prevention Plan (SWPPP) for construction activities. This template may not contain all applicable requirements for all construction sites. Please refer to the Department's Generic Permit for Stormwater Discharge from Large and Small Construction Activities, DEP Document 62-621.300(4)(a) to verify that you are meeting all permit requirements. Part V of the above referenced generic permit specifically lists requirements of the Stormwater Pollution Prevention Plan.

- The SWPPP shall be completed prior to the submittal of the Notice of Intent (NOI) to be covered under the Department's Generic Permit for Stormwater Discharge from Large and Small Construction Activities.

- The SWPPP shall be amended whenever there is a change in design, construction, operation, or maintenance, which has a significant effect on the potential for discharge of pollutants to surface waters of the state or a Municipal Separate Storm Sewer System (MS4). The SWPPP also shall be amended if it proves to be ineffective in significantly reducing pollutants from sources identified in Part V.D.1. of the permit. The SWPPP also shall be amended to indicate any new contractor and/or subcontractor that will implement any measure of the SWPPP. All amendments shall be signed, dated, and kept as attachments to the original SWPPP.

Stormwater Pollution Prevention Plan

"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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Joseph W Hembree

07/01/2020

Name (Operator and/or Responsible Authority)

Date

Project Name and location information:	Outdoor Living Products 2155 S. Orange Blossom Tr. Apopka, FL 32703
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A site map must be developed and must contain, at a minimum, the following information:

1. Drainage patterns,
2. Approximate slopes after major grading activities,
3. Areas of soil disturbance,
4. Outline all areas that are not to be disturbed,
5. Location of all major structural and non-structural controls,
6. The location of expected stabilization practices,
7. Wetlands and surface waters, and
8. Locations where stormwater may discharge to a surface water or MS4.

Site Description

Describe the nature of the construction activity:	Constuction of 2 single story buildings (Retail & Warehouse), 4 T-Sheds, landscaping, parking lot, associated water, sewer, stormwater collection and conveyance system.
Describe the intended sequence of major soil disturbing activities:	0-3 Perimeter Silt Fence, Erosion Contol 0-1 Construction Entrance 0-3 Strip and balance Site 0-3 Import, Export and grading 0-4 Install Storm & Sewer Structures 0-90 Construction of building 0-14 Subgrade, base, paving and landscape
Total area of the site:	9.54 Acres
Total area of the site to be disturbed:	4.95 Acres
Existing data describing the soil or quality of any stormwater discharge from the site:	Soils are mostly a mix of Type A, Well Drained, and Types C and D, Poorly Drained. No existing stormwater discharge quality data available.
Estimate the drainage area size for each discharge point:	Outfall 1: 9.54 Acres
Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	
	28 o 38' 35" N, 81 o 27' 35" W
	Receiving Water is Bear Lake

<p>Give a detailed description of all controls, Best Management Practices (BMPs) and measures that will be implemented at the construction site for each activity identified in the intended sequence of major soil disturbing activities section. Provide time frames in which the controls will be implemented. NOTE: All controls shall be consistent with performance standards for erosion and sediment control and stormwater treatment set forth in s. 62-40.432, F.A.C., the applicable Stormwater or Environmental Resource Permitting requirements of the Department or a Water Management District, and the guidelines contained in the <u>Florida Development Manual: A Guide to Sound Land and Water Management</u> (DEP, 1988) and any subsequent amendments.</p>
<p>Provide corrugated/perforated sock pipe at existing curb inlet. Remove once permanent erosion controls in place. Installation of row of silt fence trenched in at 6” at the perimeter of the site Installation of filter fabric once permanent stormwater structures are installed. If materials are stockpiled onsite, sediment barriers will be utilized around any stockpiles</p>
<p>Describe all temporary and permanent stabilization practices. Stabilization practices include temporary seeding, mulching, permanent seeding, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, vegetative preservations, etc.</p>
<p>Filter fabric shall be placed under rock at construction entrance/exit any swale outfall will be protected with synthetic bale. Sodding or temp erosion control matting installed at any disturbed areas that are inactive for more than 7 days including pond banks and swale</p>
<p>Describe all structural controls to be implemented to divert stormwater flow from exposed soils and structural practices to store flows, retain sediment on-site or in any other way limit stormwater runoff. These controls include silt fences, earth dikes, diversions, swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, coagulating agents and temporary or permanent sediment basins.</p>
<p>Silt fence shall be placed around the perimeter of the site. Existing storm inlet shall be protected with corrugated/perforated sock filter. Ditch blocks shall be used to slow and divert the flow of water where needed Pop off pipes will allow for runoff accumulation in the ponds allowing controlled release of water preventing basin berm failures</p>
<p>Describe all sediment basins to be implemented for areas that will disturb 10 or more acres at one time. The sediment basins (or an equivalent alternative) should be able to provide 3,600 cubic feet of storage for each acre drained. Temporary sediment basins (or an equivalent alternative) are recommended for drainage areas under 10 acres.</p>

<p>The three ponds installed onsite will be used as temporary sediment basins to hold turbid water before discharging offsite.</p>
<p>Describe all permanent stormwater management controls such as, but not limited to, detention or retention systems or vegetated swales that will be installed during the construction process.</p>
<p>Three ponds, 1 wet and 2 dry, and a stabilized swale with check dams will be installed onsite to be used as stormwater runoff holding areas to allow turbid water to be treated before discharging offsite.</p>

Describe in detail controls for the following potential pollutants

<p>Waste disposal, this may include construction debris, chemicals, litter, and sanitary wastes:</p>	<p>All construction materials and debris to be placed in construction dumpster and hauled offsite to appropriate recipient of such material.</p>
<p>Offsite vehicle tracking from construction entrances/exits:</p>	<p>Offsite vehicle sediment/dust will be contained via construction entrance and street sweeping will occur on an as needed basis.</p>

The proper application rates of all fertilizers, herbicides and pesticides used at the construction site:	N/A
The storage, application, generation and migration of all toxic substances:	All materials that are included in the msda book will be stored in a locked storage container.
Other:	Port-o-lets will be placed away from stormsewer systems surface waters and construction entrance.
Turbidity Monitoring Plan	Turbidity monitoring will occur by sampling twice dialy with at least a four hour interval between sampling events at three locations, outfall, BP background, and 441 background, reference erosoin control plan. Readings will be recorded on and kept onsite and will be available upon inspector's request.

Provide a detailed description of the maintenance plan for all structural and non-structural controls to assure that they remain in good and effective operating condition.
All BMPs idenfied as defiecient during the inspection process will be documented in the inspection report and repaired within 7 days of identification if not sooner.
Inspections: Describe the inspection and inspection documentation procedures, as required by Part V.D.4. of the permit. Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater (see attached form).
Onsite supervision will inspect and document those inspection reports once a week and after each significant rainfall of .5 inches or greater. Report composed on SWPPP inspection report form.

Identify and describe all sources of non-stormwater discharges as allowed in Part IV.A.3. of the permit. Flows from fire fighting activities do not have to be listed or described.
Water line flushing, pavement wash, dewatering shall be done in accordance with DEP Generic Permit for Discharge for non-contaminated site activity.

This SWPPP must clearly identify, for each measure identified within the SWPPP, the contractor(s) or subcontractor(s) that will implement each measure. All contractor(s) and subcontractor(s) identified in the SWPPP must sign the following certification:

“I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder.”

Name	Title	Company Name, Address and Phone Number	Date
Kirk Simmons	President	KMS Construction of Central Florida, LLC. PO Box 27 Lake Helen FL 32744	07/01/2020

