

Example SWPPP

Note about this Example:

The following is an **EXAMPLE for planning purposes** and does not indicate required controls. Developers should work with designers and published best management practices (BMPs) to ensure completeness. The SWPPP Checklist published Nov 14, 2022 contains the level of detail required to obtain approval by the City of Madisonville, KY. Recommendations and detailed explanation for erosion controls can be found in the Federal EPA Publication EPA-833-R-06-004 May 2007. For questions and additional guidance please contact the City of Madisonville, KY Engineering Department at (270) 824-2120.

Thankyou for being part of our team to protect water quality in the “Best Town on Earth” and all the towns downstream!

Example SWPPP
Stormwater Pollution Prevention Plan
For
MADCreations Fabrications LLC.
Warehouse

"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."

"I will be in this position to oversee the implementation of this SWPPP for the duration of this project and can be contacted at:

Phil Dirt
pdirt@madcreations.com
270-555-5555

"I will notify the City of Madisonville, KY if the responsible authority for this SWPPP changes during the project along with name and contact information of the person taking responsibility as soon as that has been determined."

Phil Dirt

10/13/21

Name (Operator and/or Responsible Authority)

Date

Example SWPPP

MADCreations Fabrication Warehouse

123 Best Town St.
Madisonville, KY 42431
270-821-0000

Project Narrative: The Project is to build a 34,000 sq ft facility that will store the plastic parts and used to fabricate giant inflatable lawn decorations. Attachment B and C are sketches that show the physical characteristics of the building site and the planned erosion control pollution prevention features.

Site Description

Total area of the site:	9.5 Acres
Total area of the site to be disturbed:	7.5 Acres
Description of existing soil and quality of stormwater discharge:	Soil is surface mine spoil with a low seasonal water table of 4.0 ft below existing grade and has a natural slope of approx. 1% draining towards the wetland area.
Estimate the drainage area size for each discharge point:	1. 4.50 acres (east side of site) 2. 3.00 acres (west side of site)
Latitude and longitude of each discharge point and identify the receiving water or MS4 for each discharge point:	1. LAT : 37.123456 LON: -87.123456 deg 26' 10" Discharges to Flat Creek via an unnamed jurisdictional wetland. 2. LAT : 37.781011 LON : -87.891011 Discharges to Madisonville, KY MS4.

Construction Sequence/Schedule: Total project construction time is estimated at 250 days and will start first week of January 2022. Major earth working tasks and their associated controls are as follows.

- ✓ 0-2 days, site prep and stabilized construction entrance;
- ✓ 3-6 days, install perimeter sediment and erosion controls;
- ✓ 7-10 days, clearing/grubbing over all areas except those that are designated as buffers or conservation easements;
- ✓ 11-13 days, site grading;
- ✓ 14-30 days, install storm sewer and utilities;
- ✓ 31-42 days, concrete slab;
- ✓ 43-90 days, frame structure;
- ✓ 91-205 days, finish building;
- ✓ 206-234 days, stabilize site.

Example SWPPP

Detailed Description of BMP Controls:

<p>NOTE: All controls shall be consistent with performance standards for erosion and sediment control and stormwater treatment set forth in KPDES Regulations, in the KYR10 general permit as well as federal EPA regulations. For current recommended BMPs refer to the EPA Field guide EPA 833-R-06-004.</p>	
Controls Before and During Site Grading	To be Completed by
<ul style="list-style-type: none"> Prior to clearing, a silt fence (trenched 4 inches deep and backfilled on the uphill side), reinforced with hay bales (that are trenched 4 inches deep, backfilled on the uphill side, and staked with at least two 2" x 2" wooden stakes) shall be installed around the perimeter of the site. A double row of silt fence reinforced with properly installed hay bales (with the same installation as above) in addition to a vegetation barrier shall be placed around the vegetative buffers and wetland area as shown on site plan. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> During the clearing, grubbing and site grading stages, areas that are disturbed more than 7 days shall be stabilized with rye grass applied at manufacturer's recommendations. After seeding, each area shall be mulched with 4,000 pounds of straw per acre. All exposed slopes that are equal to or greater than 5%, an Erosion Blanket® shall be utilized until the area achieves final stabilization. A rock access road (that is 50ft long with a 6 inch depth of FDOT #1 stone and lined with filter fabric) shall be constructed to minimize the effects of truck traffic and sedimentation tracking both on and off of the site. There will be only one construction entrance at this site. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> After the initial site grading work, all proposed inlet(s)/outfalls, once installed, shall be protected from erosion and sediment runoff by the use of filter fabric and properly installed hay bales (with the same installation as above). Disturbed portions of the site where construction activities have permanently ceased shall be stabilized with permanent seed or other permanent stabilization methods (if other methods are utilized, this SWPPP will be modified) no later than 14 days after the last construction activity. Seeding shall be the same as in temporary seeding. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> All installation shall be commenced as depicted on the attached site map and installation "typicals" sheet. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> Temporary seeding shall be rye grass applied at manufacturer's recommendations to any disturbed areas that are inactive more than 7 days. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> Mulching practices and sod shall be applied to the parking lot island. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> Sod shall be used to stabilize the sides of the retention pond. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> Vegetative buffers shall be left undisturbed at the southeast and northeast corners of the property. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> Filter fabric shall be placed under the rock entrance/exit, the swale outfall and the stormwater retention pond outfall. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> A retention pond shall be constructed in the lower quadrant of the northeast corner of the property and may be used as a temporary sediment basin (prior to being connected to a discharge structure) if needed. Care shall be taken to 	Contractor 2

Example SWPPP

<p>assure the removal of accumulated fine sediments and that the excessive compaction of soil by construction machinery is avoided.</p>	
<ul style="list-style-type: none"> ● A swale shall be placed at the southwest corner of the property. 	Contractor 1
<ul style="list-style-type: none"> ● Inlet(s)/Outfalls shall be protected with filter fabric and properly installed hay bales (with the same installation as indicated under the Best Management Practices heading). 	Contractor 1
<ul style="list-style-type: none"> ● Rock outlet protection lined with filter fabric shall be installed at all outfall points. 	Contractor 2
<ul style="list-style-type: none"> ● A stormwater retention pond shall be constructed per plans submitted and approved on 8-22-2021 	Contractor 1
<ul style="list-style-type: none"> ● A vegetated swale with concrete spill way to act as a velocity dissipation device shall be constructed per plans submitted and approved 8-22-2021. 	Contractor 1
<ul style="list-style-type: none"> ● All construction materials and debris will be placed in a dumpster and hauled off site to a landfill or other proper disposal site. The dumpster shall be located as shown on the site map. No materials will be buried on site. 	Contractor 1, 2, & 3
<ul style="list-style-type: none"> ● Off site vehicle tracking of sediments and dust generation will be minimized via a rock construction entrance, daily street sweeping and the use of water to keep dust down. 	Contractor 1
<ul style="list-style-type: none"> ● Fertilizers and pesticides will be used at a minimum and in accordance with the manufacturer's suggested application rates. The fertilizers and pesticides will be stored in a covered shed, as indicated on site map. 	Contractor 1, & 3
<ul style="list-style-type: none"> ● A spill prevention plan is in place. A double walled fuel tank will be placed on a drip pan to contain and prevent any drips or leaks from being discharged in stormwater runoff. All paints and other chemicals will be stored in a locked covered shed, as indicated on site map. 	Contractor 1
<ul style="list-style-type: none"> ● Port-o-lets will be placed away from storm sewer systems, storm inlet(s), surface waters and wetlands. Specific placement is depicted on the site map. No vehicle maintenance shall be conducted on-site. A washdown area shall be designated at all times and will not be located in any area that will allow for the discharge of polluted runoff. A small-vegetated berm shall be placed around the washdown area. 	Contractor 1

Example SWPPP

Maintenance and Inspection of Erosion Controls & Pollution Prevention

<p>Contractor shall provide routine maintenance of permanent and temporary sediment and erosion control features in accordance with the technical specifications or as follows, whichever is more stringent:</p> <ul style="list-style-type: none">● Silt fence shall be inspected at least weekly. Any required repairs shall be made immediately. Sediment deposits shall be removed when they reach approximately one-half the height of the barrier.● Maintenance shall be performed on the rock entrance when any void spaces are full of sediment.● Hay bales shall be used in areas where effectiveness is required for less than 3 months. Inspection of the hay bales shall take place immediately after each rainfall and any required repairs shall be made immediately.● Inlet(s)/outfalls shall be inspected immediately after each rain event and any required repairs to the hay bales, silt fence, or filter fabric shall be performed immediately.● Bare areas of the site that were previously seeded shall be reseeded per manufactures' instructions.● Mulch and sod that has been washed out shall be replaced immediately.● Maintain all other areas of the site with proper controls as necessary.	Contractor 1
<p>Qualified personnel will inspect all points of discharges, all disturbed areas of construction that have not been stabilized, constructed areas and locations where vehicles enter and exit the site at least once every 7 calendar days or within 24 hours of the end of a rainfall event that is 0.5 inches or greater. Where sites have been finally stabilized, said inspections shall be conducted at least once every month until the Notice of Termination is filed.</p>	Contractor 1

Example SWPPP

List of Parties responsible for implementation of the measures outlined in this plan.

“I certify under penalty of law that I understand, and shall comply with, the terms and conditions of KYR10 the Common Wealth of Kentucky 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
1	Barr O. Pitt <i>Borr Pitt</i>	Vice President	ABC Site Grading 1234 Coal Drive Nextbesttown, KY 41111 270-745-6214	10/14/22
2	Elle Lampwick <i>E. Lampwick</i>	Manager	EZ Utilities 3974 Dragline Ln Secondbesttown 42222 270-279-4451	10/14/22
3	Larry McNairy <i>Larry McNairy</i>	President	Larry's Landscaping LLC 1532 S Deep Pit Dr Nicetown 42333 270-774-6987	10/14/22

**SAMPLE
COPY**

Attachment A: Stormwater Inspection Form Example

Stormwater Pollution Prevention Plan Inspection Report Form

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.

Project Name: **MAD Creations Fabrications**

KYEP NPDES Stormwater Identification Number: **KYR10A001**

Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Corrective Action / Other Remarks
All veg buffer areas	0.75"	1, 25, & 28	12/09/04	M	Replaced hay bales and remove sediments
Entrance		14	12/09/04	C	Cleaned out trapped sediments
Stormwater pond		23	12/09/04	G	
Swale		4 & 23	12/09/04	G	
Parking Lot Inlet		10	12/09/04	M	Replaced hay bales and silt fence
Mulch on the Berm		24	12/09/04	P	Mulch washed away on Northwest corner. Replaced 12/9/04

Condition Code:

G = Good

M = Marginal, needs maintenance or replacement soon

P = Poor, needs immediate maintenance or

replacement C = Needs to be cleaned

O = Other

Control Type Codes

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

Inspector Information:

John Miller

KYEP Sediment and Erosion Inspector Course

12/09/04

Name

Qualification

Date

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the Kentucky General Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

"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."

Phil Dirt

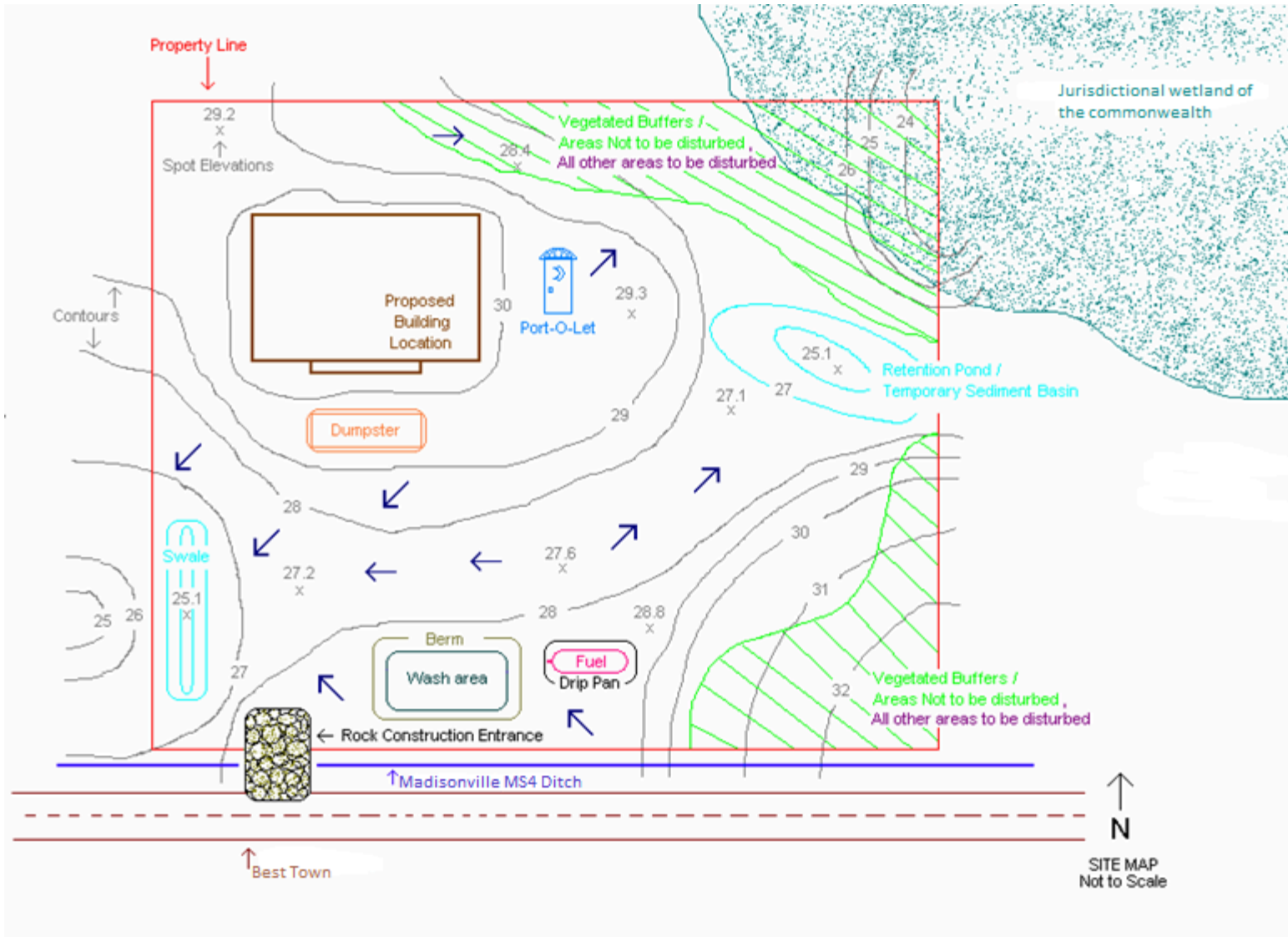
12/10/04

Name (Responsible Authority)

Date

SAMPLE COPY

Attachment B: Site Map Showing Physical Characteristics



SAMPLE
COPY

Attachment C: Site Map Showing Erosion Control Locations

