



Standard Erosion Control Plan
Small Development – Sloped Site

CITY OF *Salem*
AT YOUR SERVICE
Public Works Department

KEYNOTES

1. NON-CONSTRUCTION VEHICLES MUST PARK ONLY ON ALL-WEATHER (PAVED) SURFACES.
2. NO SEDIMENT MAY BE TRACKED OFF THE PROPERTY. ALL VEHICLES MUST ONLY USE GRAVEL ENTRANCE TO ENTER AND EXIT THE SITE.
3. IF THE CURB IS IN PLACE, USE CURB WOOD RAMPS.
4. CURB MUST ALREADY BE IN PLACE IN ORDER TO USE SIDEWALK SUBGRADE GRAVEL BARRIER.
5. NO EPSC MATERIALS ARE NEEDED IF THE SPACE BETWEEN THE SIDEWALK SUBGRADE GRAVEL BARRIER AND THE CURB ARE FLAT (SLOPE < 2%).
6. STOCK PILES MUST BE A MINIMUM OF 3 FT FROM THE PROPERTY LINE AND A SEDIMENT FENCE ON THE DOWNSLOPE SIDE ADJACENT TO THE PROPERTY LINE.
7. SEDIMENT FENCE NEEDED ON ANY SLOPE > 2% WITHOUT A VEGETATED BUFFER ZONE.
8. USE SEDIMENT FENCE WITH GRAVEL BARRIER WHEN THE SLOPE TOWARDS THE STREET IS > 5%.
9. MAY USE ONLY UNDISTURBED VEGETATIVE BUFFER WHEN SLOPE TOWARDS THE PROPERTY LINE IS < 10%.

LEGEND

- CATCH BASIN/INLET PROTECTION.
- GRAVEL CONSTRUCTION ENTRANCE/EXIT.
- SIDEWALK SUBGRADE GRAVEL BARRIER.
- SEDIMENT FENCE.
- UNDISTURBED VEGETATIVE BUFFER ZONE.
- DIRECTION OF SURFACE WATER RUNOFF.
- CONCRETE MANAGEMENT FACILITY.

GENERAL NOTES

- SPACING BETWEEN SEDIMENT FENCES INSTALLED ALONG THE PROPERTY LINE AND ON THE CONTOURS OF SLOPE IN LAND DIRECTION.

SITE SLOPE	SPACING BETWEEN FENCES
< 2%	50.1 (FLAT) NO FENCE REQUIRED
< 10%	10.1 300 FT
< 15%	6.7 1 150 FT
< 20%	5.1 100 FT
< 30%	3.5 1 50 FT
< 50%	2.1 25 FT
> 50%	2.1 25 FT

*1. SUBMIT THIS STANDARD EPSC PLAN AND THE ASSOCIATED CONSTRUCTION NOTES AND RESPONSIBILITIES ON THE BACK OF THIS SHEET AS THE OFFICIAL EPSC PLAN FOR THE FOLLOWING SITE: ADDRESS _____

APPLICANT NAME _____ PHONE _____
SIGNATURE _____ DATE _____

EPSC-S2

General Notes

- All sediment is required to stay on the site.
- Prior to any land-disturbing activities a minimum of the following Best Management Practices (BMPs) shall be installed to control erosion on the site: Construction entrance; perimeter sediment control; inlet protection. Catch basin inlet protection is required on the first downstream catch basin and any adjacent catch basin.
- Additional BMPs shall be installed prior to activities which necessitate their use. If current methods and BMPs are insufficient, implement additional EPSC measures to adequately control sediment from leaving the site.
- Applicant or designee shall inspect EPSC BMPs after each rainfall event or daily during extended rainfall. Record inspection results and actions taken in a log for review upon request by City Inspector. Make any required repairs, relocations, or additions as necessary.
- An undisturbed vegetated buffer is either an undisturbed grassed area or is covered with dense vegetation. Limit vegetation removal to minimize disturbed land area and prevent erosion.
- A sidewalk is assumed to be part of the site plan. If a sidewalk is not planned for the site, a Sediment Fence or other approved BMP shall be used in place of the Sidewalk Subgrade Gravel Barrier.
- A Concrete Management Facility (CMF) BMP shall be provided for all concrete used on this site.
- Permanent vegetation or native vegetation should be established prior to October 15 and before removing EPSC BMPs. Temporary BMPs shall be maintained until permanent restoration is achieved.
- If construction occurs during the Wet Weather Season (October 15 to April 30), temporary stabilization, including covering of bare soils with approved BMPs, must be installed at the end of each work day, and before a holiday or weekend if rainfall is forecast in the next 24 hours.

Maintenance

- Remove sediment buildup on fences. No more than one foot of sediment shall be allowed to accumulate against sediment fences.
- Inspect catch basin inserts daily on active sites. Remove sediment accumulation when clogged or if accumulated sediment is greater than one foot in depth. Replace catch basin inserts as necessary if damaged or functioning improperly.
- Remove accumulated sediment and add gravel for all types of gravel barriers.
- Remove dried accumulated Concrete Management Facility debris as needed, and completely remove prior to project completion.
- Sediment found off-site shall be cleaned throughout each day by sweeping or shoveling. Flushing of sediment is not allowed.

References

- For BMP information, see the following documents: ACWA Construction Site Stormwater Guide, Illustrated Best Management Practices, 2013; City of Salem Erosion Prevention and Sediment Control (EPSC) Plan Technical Guidance Handbook.
- For inspections, call Public Works Dispatch at 503-588-6333.

NO CHANGES, MODIFICATIONS OR REPRODUCTIONS TO BE MADE TO THESE DRAWINGS WITHOUT WRITTEN AUTHORIZATION FROM THE DESIGN ENGINEER. DIMENSIONS & NOTES TAKE PRECEDENCE OVER GRAPHICAL REPRESENTATION.

6/27/24 SITE A8-1137
Design: M.D.G.
Drawn: P.H.S.
Checked: M.D.G.
Issue Date: 3/7/25
Scale: AS SHOWN

REGISTERED PROFESSIONAL ENGINEER
MARK O. BRENN
EXPIRES: 06-30-2025
JOB # 6727