



Stormwater Facilities and Land Disturbing (SWLD) Cost Estimate

This SWLD cost estimate must be submitted to the Development Services Center via Accela. The form must be uploaded into the associated site plan or subdivision construction plan Accela record when the stormwater design is very near or at approval. The approved estimate total will set the amount of surety that must be posted and the inspection fees that must be paid prior to issuance of a Land Disturbing/Stormwater permit. This construction cost estimate must be signed and sealed by a responsible professional, typically the same professional that designed the plan and also a Virginia licensed Professional Engineer, Land Surveyor or Landscape Architect.

Date: _____

Design Professional Name: _____

Email Address: _____ Phone #: _____

Business Name: _____

Mailing Address: _____

Developer Name (Company): _____ Point-of-Contact: _____

Email Address: _____ Phone #: _____

Plan Title: _____

DSC File#: _____

Property GPIN: _____

Property Address: _____

IMPORTANT

Attach a copy of the approved plan highlighting all stormwater elements contained in this cost estimate

If this estimate contains only a portion of a plan, clearly show the approved phase lines on the highlighted plan

REMARKS:

Stormwater Facilities and Land Disturbing Cost Estimate, cont.

ESTIMATE SUBTOTALS:

- I. Erosion and Sediment Control Practices \$ _____
- II. Stormwater Collection & Conveyance Components \$ _____
- III. Stormwater Quality & Quantity Facilities \$ _____
- IV. Landscaping Components \$ _____
- V. Miscellaneous \$ _____

ESTIMATE TOTAL: \$ _____

THIS IS TO CERTIFY THAT I HAVE EXAMINED THIS ESTIMATE AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS FAIRLY REPRESENTS THE COST TO COMPLETE THE WORK AS SHOWN.

Date

Responsible Professional's Signature and Seal

DETAILED ESTIMATE

I. EROSION AND SEDIMENT CONTROL PRACTICES:

Area of Land Disturbance

On-Site _____ Ac.
 Off-Site _____ Ac.
 Total _____ Ac. (Round up to next whole acre) @\$500/Ac = \$ _____

II. STORMWATER COLLECTION & CONVEYANCE COMPONENTS:

Pipes (list each size & material separately) _____ L.F. @\$_____/L.F. = \$ _____
 Excavation _____ C.Y. @\$_____/C.Y. = \$ _____
 Structures (list each size separately) _____ EA. @\$_____/EA. = \$ _____
 End sections/endwalls (list each size) _____ EA. @\$_____/EA. = \$ _____
 Rip Rap _____ C.Y. @\$_____/C.Y. = \$ _____
 Bedding Material _____ C.Y. @\$_____/C.Y. = \$ _____

Stormwater Facilities and Land Disturbing Cost Estimate, cont.

Backfill Material	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Tie into Existing Structure	_____ EA.	@\$_____/EA.	= \$ _____
Plug Pipe	_____ EA.	@\$_____/EA.	= \$ _____
Convert/Replace Structure Top	_____ EA.	@\$_____/EA.	= \$ _____
Paved Ditch	_____ L.F.	@\$_____/L.F.	= \$ _____
Graded Ditch/Swale	_____ L.F.	@\$_____/L.F.	= \$ _____
Fill Existing Ditch	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Dewatering	_____ L.S.	@\$_____/L.S.	= \$ _____
_____	_____	@\$_____/	= \$ _____
_____	_____	@\$_____/	= \$ _____
_____	_____	@\$_____/	= \$ _____

SUB-TOTAL \$ _____

III. STORMWATER QUALITY & QUANTITY FACILITIES:

1. Infiltration

Excavation & Grading	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Rip Rap	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Monitoring Wells	_____ EA.	@\$_____/EA.	= \$ _____
Outlet Control Structure	_____ EA.	@\$_____/EA.	= \$ _____
Underground Detention Chambers	_____ L.S.	@\$_____/L.S.	= \$ _____
Geotextile Fabric	_____ S.Y.	@\$_____/S.Y.	= \$ _____
Overflow Underdrain	_____ L.F.	@\$_____/L.F.	= \$ _____
Stone Reservoir	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Sand Filter	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Pretreatment (Modify as needed)	_____ EA.	@\$_____/EA.	= \$ _____
_____	_____	@\$_____/	= \$ _____

2. Detention

Excavation & Grading	_____ C.Y.	@\$_____/C.Y.	= \$ _____
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Stormwater Facilities and Land Disturbing Cost Estimate, cont.

Rip Rap	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Outlet Control Structure	_____ EA.	@\$_____/EA.	= \$ _____
Underground Detention Chambers	_____ L.S.	@\$_____/L.S.	= \$ _____
Geotextile Fabric	_____ S.Y.	@\$_____/S.Y.	= \$ _____
Overflow Underdrain	_____ L.F.	@\$_____/L.F.	= \$ _____
Stone Reservoir	_____ C.Y.	@\$_____/C.Y.	= \$ _____
_____	_____	@\$_____/	= \$ _____

3. Retention Pond

Excavation & Grading	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Rip Rap	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Outlet Control Structure	_____ EA.	@\$_____/EA.	= \$ _____
Aeration	_____ L.S.	@\$_____/L.S.	= \$ _____
Dewatering	_____ L.S.	@\$_____/L.S.	= \$ _____
_____	_____	@\$_____/	= \$ _____

4. Bioretention

Excavation & Grading	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Rip Rap	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Outlet Control Structure	_____ EA.	@\$_____/EA.	= \$ _____
Monitoring Wells	_____ EA.	@\$_____/EA.	= \$ _____
Geotextile Fabric	_____ S.Y.	@\$_____/S.Y.	= \$ _____
Underdrain (List Size & Material)	_____ L.F.	@\$_____/L.F.	= \$ _____
Engineered Soil Media	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Pea Gravel	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Gravel Sump	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Pretreatment (Modify as needed)	_____ EA.	@\$_____/EA.	= \$ _____
_____	_____	@\$_____/	= \$ _____

5. Permeable Pavement

Excavation & Grading	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Monitoring Wells	_____ EA.	@\$_____/EA.	= \$ _____

Stormwater Facilities and Land Disturbing Cost Estimate, cont.

Geotextile Fabric	_____ S.Y.	@\$_____/S.Y.	= \$ _____
Underdrain (List Size & Material)	_____ L.F.	@\$_____/L.F.	= \$ _____
Porous Concrete	_____ S.Y.	@\$_____/S.Y.	= \$ _____
Porous Asphalt	_____ S.Y.	@\$_____/S.Y.	= \$ _____
Interlocking Pavers	_____ S.Y.	@\$_____/S.Y.	= \$ _____
Bedding Layer	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Reservoir Layer	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Pretreatment (Modify as needed)	_____ EA.	@\$_____/EA.	= \$ _____
_____	_____	@\$_____/	= \$ _____

6. Grassed Channels/Swales

Excavation & Grading	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Rip Rap	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Check Dams	_____ EA.	@\$_____/EA.	= \$ _____
Engineered Soil Media	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Underdrain (List Size & Material)	_____ L.F.	@\$_____/L.F.	= \$ _____
Pea Gravel	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Gravel Sump	_____ C.Y.	@\$_____/C.Y.	= \$ _____
Pretreatment (Modify as needed)	_____ EA.	@\$_____/EA.	= \$ _____
_____	_____	@\$_____/	= \$ _____

7. Manufactured Treatment Device

_____ EA. @\$_____/EA. = \$ _____

8. SWMF Access Road

_____ S.Y. @\$_____/S.Y. = \$ _____

9. Miscellaneous

_____	_____	@\$_____/	= \$ _____
_____	_____	@\$_____/	= \$ _____
_____	_____	@\$_____/	= \$ _____
_____	_____	@\$_____/	= \$ _____

SUB-TOTAL \$ _____

Stormwater Facilities and Land Disturbing Cost Estimate, cont.

IV. STORMWATER MANAGEMENT LANDSCAPING COMPONENT

Trees	_____	EA.	@\$_____ /EA.	= \$ _____
Shrubs	_____	EA.	@\$_____ /EA.	= \$ _____
Other Herbaceous Material	_____	EA.	@\$_____ /EA.	= \$ _____
Wetlands Benching Plants	_____	S.Y.	@\$_____ /S.Y.	= \$ _____
Mulch (____ inches)	_____	S.Y.	@\$_____ /S.Y.	= \$ _____
Seed/Stabilization	_____	LB.	@\$_____ /LB.	= \$ _____
Topsoil (____ inches)	_____	S.Y.	@\$_____ /S.Y.	= \$ _____
Soil Stabilization Matting	_____	S.Y.	@\$_____ /S.Y.	= \$ _____
_____	_____		@\$_____ /	= \$ _____

SUB-TOTAL \$ _____

V. MISCELLANEOUS

_____	_____		@\$_____ /	= \$ _____
_____	_____		@\$_____ /	= \$ _____
_____	_____		@\$_____ /	= \$ _____
_____	_____		@\$_____ /	= \$ _____

SUB-TOTAL \$ _____