

CHARLES SOIL CONSERVATION DISTRICT



PLAN SUBMITTAL GUIDELINES

January 2006

SEDIMENT
AND
EROSION
CONTROL
APPROVAL

CHARLES SOIL CONSERVATION DISTRICT
TRANSMITTAL LETTER

TO: CHARLES SOIL CONSERVATION DISTRICT
P.O. Box 269
101 Catalpa Drive, Suite 106C
La Plata, Maryland 20646
(301) 934-9588, Ext. 3 Fax: (301) 934-2845

*Please complete this form and include with the initial erosion and
sediment control plan submittal.
(Only one copy of plan is required for initial review)*

Project Name: _____

Total Site Area: _____ Total Disturbed Area: _____

Jurisdiction: County: _____ Town of La Plata: _____ Town of Indian Head: _____

ADC MAP LOCATION REFERENCE _____

Owners Name: _____ Phone: (____) _____

Owners Mailing Address: _____

Proposed Ponds : _____ # of Ponds

Storage Volume of **Each** Pond: _____

Design Firm: _____

Contact Person: _____ Phone: (____) _____

Design Firm Mailing Address: _____

_____ E-Mail: _____

CHARLES SOIL CONSERVATION DISTRICT EROSION AND SEDIMENT CONTROL PLAN
REVIEW FEE SCHEDULE FOR PROJECTS IN
CHARLES COUNTY

	<u>Application Fee</u>	<u>Review Fee</u>
Review of Erosion and Sediment Control Plans for Individual Residential Building Permits*	N/A	\$29.00
Review of Grading Permits or Combined Grading and Building Permits	\$28.00	\$79.00 per acre or fraction of an acre of disturbed area calculated to the nearest tenth of an acre.
Re-Review for Revision and/or Extension of Grading Permits or Combined Grading and Building Permits	N/A	\$79.00
<i>Revisions which add disturbed area to a previously approved erosion and sediment control plan or which change the grading and/or erosion and sediment control concept will be subject to fees as if a new plan submittal.</i>		
Forest Harvest Operation	N/A	\$25.00
Re-Review for Revision and/or Extension of Approval for Forest Harvest Operation	N/A	\$25.00

* Erosion and sediment control plan review fees for Charles County Individual *Residential Building Permits for New Single Family Detached Residential Construction* are collected by the Charles County Treasurer's office. All other sediment and erosion control fees for projects within Charles County, the Town of La Plata and the Town of Indian Head are collected by the Charles Soil Conservation District.

(Charles Soil Conservation District Plan Submittal Guidelines Page 4 Revised July 2007)

**CHARLES SOIL CONSERVATION DISTRICT
EROSION AND SEDIMENT CONTROL
PLAN REVIEW CHECKLIST**

Project Name: _____ SED No.: _____
(# assigned at time of submittal)
Scope of project: _____

Erosion and Sediment Control Plans for projects in Charles County, the Town of LaPlata, and the Town of Indian Head must contain the items listed below. Provide this checklist with the plan submittal and if appropriate note the plan sheet number where each item can be found. Only one copy of the plan is required for the initial submittal.

[NOTE: Although all plans must adhere to District checklist requirements, not all requirements may be applicable for small projects regarded as small lot development sediment and erosion control plans. At a minimum, the Charles Soil Conservation District checklist items which are shaded must be addressed.]

General

- _____ 1. Completed Charles Soil Conservation District Transmittal Letter.
- _____ 2. Scope of plan clearly delineated and noted in title block.
- _____ 3. Vicinity map with scale, north arrow and site location shown. Clearly show how to access to the site.
- _____ 4. Scale. Acceptable scales are 1"=20', 1"=30', 1"=40', 1"=50' Prior District approval required for use of other scales.
- _____ 5. Legend with sediment control practices symbolized per current standards and specifications.
- _____ 6. Existing and proposed topography. (at 2' contour intervals) .
- _____ 7. Existing and proposed topography and improvements (utilities, roads, buildings, etc.) at least 100' outside limit of disturbance. (at 2' contour intervals).
- _____ 8. All plan sheets must be consecutively numbered (i.e., sheet 1 of 2, 2 of 2, etc.)
If there is only one (1) sheet, it should be numbered as plan sheet 1 of 1. A plan sheet index on the cover sheet is required if plan sheets are numbered with letters (i.e. 1A, 1B, etc..)
- _____ 9. Sediment Control Drainage Area Map showing:
 - _____ a. all sediment control practices;
 - _____ b. the maximum drainage area which could reach each sediment control practice;
 - _____ c. the maximum drainage area being diverted around disturbed area;
 - _____ d. the drainage divides clearly indicated and divides accurately determined based upon the existing and/or proposed grading.
- _____ 10. Limit of disturbance delineated and the disturbed area indicated on plan.
- _____ 11. Stockpile and construction staging areas must be designated and must include the following:
 - _____ a. a maximum height and maximum slope of the stockpile;
 - _____ b. ingress and egress to site or show staging area;
 - _____ c. location away from trap or basin with silt fence surrounding stockpile. Allow for access;
 - _____ d. notation for material that is taken off site to go to a site with an approved erosion and sediment control plan.
- _____ 12. Limit of 100 year floodplain or hurricane flood level.

_____ 13. Required Certifications:

- Owner/Developer Certification (signed and dated with name and complete mailing address printed clearly.)
- Consultant's certification (professional seal, signature, date and printed name, and mailing address.)

_____ 14. SEQUENCE OF CONSTRUCTION. The following items must be addressed and/or noted within the sequence:

_____ Each erosion and sediment control plan should be independent of any other approved plan and should "stand on its own" from beginning to end of construction.

_____ each step numbered and the duration time indicated for each step

_____ note stating "Contractor/developer must notify the Compliance Program, Water Management Administration, Maryland Department of the Environment, (410) 537 3510, 5 days prior to commencing work."

_____ note at the beginning of the sequence: "Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within seven (7) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); and fourteen days (14) as to all other disturbed or graded areas on the project site. Once vegetation is established, the site shall have 95% groundcover to be considered adequately stabilized.

_____ include reference to other active erosion and sediment control plan approval numbers for adjacent and/or concurrent projects along with the following note "Any other approved sediment and erosion control plan with a sequence and/or practices which conflict with this plan will require plan revisions for all affected plans approved by the Charles Soil Conservation District."

_____ note stating "the approval of the sediment control inspector is required upon installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading." (does not apply to sites under 2 acres)

_____ references to sheets for specific details, discussions of access for sediment control practice construction, plus clean out and any other items which may need special attention or clarification.

_____ notation to stockpile existing topsoil

_____ the following note "Erosion and sediment practices, and site in general, must be inspected weekly and after each rain fall event, by the contractor or other responsible person, and any needed maintenance performed immediately"

_____ staged clearing and grading should be used whenever steep slopes and/or streams or other sensitive areas or when mass grading is proposed.

_____ the following note at the end of the sequence: "Sediment and erosion controls cannot be removed until the site has adequate stabilization. Once vegetation is established, the site shall have 95% groundcover to be considered adequately stabilized and the sediment control inspector has approved such removal"

_____ notation for same day stabilization for areas where sediment and erosion controls have been removed.

_____ 15. Adequate space for District approval stamps. Prefer space on lower right hand corner.

_____ 16. Roof drain details and/or notes as to where roof runoff is being directed.

_____ 17. Bulkheads and retaining wall details for walls exceeding 48" in height. Must also show how runoff will be conveyed over, through, or around the structure at a non-erosive rate.

_____ 18. Soils information (type, boundary, texture, hydrologic soil group. (The maximum allowable velocity for soil types must be considered for outlet structures, swales, etc.).

_____ 19. Disclaimer regarding inadequacies from topographical mapping will not be accepted.

_____ 20. Additional information or data deemed appropriate by the Charles Soil Conservation District.

21. Stabilization – Provide the following standard stabilization note on each sediment and erosion control plan sheet: “Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within seven (7) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); and fourteen days (14) as to all other disturbed or graded areas on the project site. Once vegetation is established, the site shall have 95% groundcover to be considered adequately stabilized.

22. Include permanent and temporary vegetative stabilization specifications as per the 1994 Standards and Specifications for Soil Erosion and Sediment Control. The Charles Soil Conservation District Details and Specifications for Vegetative Establishment can be used to satisfy this requirement.

23. Include the Standard and Specifications for Topsoil from the 1994 Standards and Specifications for Soil Erosion and Sediment Control.

24. Place the following information on the cover sheet or adjacent to the sequence:

Site analysis:

- a. Total area (ac.).
- b. Disturbed area (ac.).
- c. Volume of spoil borrow material (cu. yds.).
- d. Off-site borrow/waste area location.
- e. Volume of excavation (cu. yds.).

25. Revised Plans: Revisions to approved Charles Soil Conservation District plans. A complete set of plans must be submitted in the same manner as the original plan submittal. Note the description of the revision, the revision number and the revision date directly on the plan sheet containing the District Approval Stamp. Each revised sheet must also note the revision on the respective plan sheet.

26. Applicable Erosion and Sediment Control Practice (Detail must be from the 1994 Standard and Specifications for Soil Erosion and Sediment Control)

- A. Stabilized Construction Entrance:
 - _____ a. Location, drawn to scale with mountable berm.
 - _____ b. Standard detail on plan.
 - _____ c. Driveways over 9% slope will have surface of asphalt, concrete or other appropriate surface.
 - _____ d. If two entrances, stabilized construction entrance needed for both.
- B. Straw Bale Dike/Silt Fence/Super Silt Fence:
 - _____ a. Place on the contour.
 - _____ b. Outlet to sediment trapping device or onto stable outlet.
 - _____ c. Size of dike (A or B) and type of stabilization treatment (1, 2, 3 or 4) specified.
 - _____ d. Points of vehicular crossings shown and stabilized.
 - _____ e. Standard detail on plan.
 - _____ f. Does practice meet purpose and design criteria?
- C. Earth Dikes:
 - _____ a. Positive drainage is maintained.
 - _____ b. Outlet to sediment trapping device or onto stable outlet.
 - _____ c. Size of dike (A or B) and type of stabilization treatment (1, 2, 3 and 4) specified.
 - _____ d. Points of vehicular crossings shown and stabilized.
 - _____ e. Standard detail on plan.
 - _____ f. Does practice meet purpose and design criteria?

D. Temporary Swales:

- _____ a. Positive drainage is maintained.
- _____ b. Outlet to sediment trapping device or onto stable outlet (document outlet conditions).
- _____ c. Size of swale (A or B) and type of stabilization treatment (1, 2, 3 or 4) specified.
- _____ d. Points of vehicular crossings shown and stabilized.
- _____ e. Standard detail on plan.
- _____ f. Does practice meet purpose and design criteria?

E. Perimeter Dike/Swale:

- _____ a. Positive drainage is maintained.
- _____ b. Outlet to sediment trapping device or onto stable outlet (document outlet conditions).
- _____ c. Standard detail on plan.
- _____ d. Does practice meet purpose and design criteria?

F. Sediment Traps:

- _____ a. Plan view of trap and storage area, drawn to scale (grading necessary for trap installation should be shown).
- _____ b. Outlet conditions (document).
- _____ c. Trap sized for largest proposed drainage area.
- _____ d. Drainage area designated.
- _____ e. Located at least 20' from buildings if it is to remain operable during building construction.
- _____ f. Protection of inflow points.
- _____ g. Standard detail on plan.
- _____ h. Does practice meet purpose and design criteria?
- _____ i. Dewatering device.
- _____ j. The following information must be shown for each trap:
 - _____ trap type and number
 - _____ drainage area
 - _____ storage required
 - _____ storage provided
 - _____ bottom dimensions
 - _____ side slopes
 - _____ bottom elevation
 - _____ outlet elevation
 - _____ clean-out elevation
 - _____ embankment elevation (if required)
 - _____ outlet size (if required)

G. Grade Stabilization Structures (Slope Protection):

- _____ a. Drainage area (determine pipe size).
- _____ b. Outlet to sediment trapping device or onto a stable outlet (document outlet conditions).
- _____ c. Size of pipe specified.
- _____ d. Embankment elevation over the pipe.
- _____ e. Does practice meet purpose and design criteria?

H. Storm Drain Inlet Protection:

- _____ a. Standard detail on plan.
- _____ b. Does practice meet purpose and design criteria?

_____c. Provide type ie., a, b, c, d.

I. Temporary Storm Drain Diversion:

- _____a. Outlet to sediment trapping device.
- _____b. Specify pipe size and type.
- _____c. Specify blocking permanent outfall pipe (if applicable).
- _____d. Does practice meet purpose and design criteria?
- _____e. If precast inlets are going to be used, need note for detail to show connection for diversion.

J. Sediment Basins:

- _____a. Drainage area map.
- _____b. Design data sheet properly completed.
- _____c. Provisions for initial construction access to basin specified on plan and in sequence of construction.
- _____d. Provide adequate sediment control during basin construction.
- _____e. Bottom dimensions on plan.
- _____f. Note to plug low flow openings in future stormwater management ponds.
- _____g. Note to maintain minimum 1' between bottom of sediment basin and bottom of future infiltration basin.
- _____h. Note to require spoil material placement upstream of basin.
- _____i. Clean-out elevation shall be stated as a distance below the top of the riser.
- _____j. Note to be provided in sequence of construction calling for inspector shall indicate acceptance of basin construction and verify that next phase of construction may begin.
- _____k. Note to be provided in sequence of construction for conversion of sediment basin in permanent pond, "The conversion of the sediment basin to the stormwater management pond must be done in a manner in which prevents any sediment from being discharged downstream".
- _____l. Fence (if required).
- _____m. Dewatering device.
- _____n. Baffle provided (where necessary).
- _____o. Construction specifications.
- _____p. Plan for removal of basin and permanent stabilization.

K. Pipe Outlet Protection:

- _____a. Provide design – charts, hydrology, etc.
- _____b. Length, width, depth and d50 of outfall pad stone.
- _____c. Does practice meet purpose and design criteria?
- _____d. Standard detail (w/dimensions) on plan.

L. Land Grading:

- _____a. Vertical height exceeds the limit of slope length allowed.
- _____b. Benches to be a minimum of 6' wide.
- _____c. Bench to have a minimum of 1' of depth.
- _____d. Bench gradient to the outlet shall be between 2-3% and a flow length not to exceed 800'.
- _____e. Face of slope to be protected by special EC materials to include, but not limited to, approved vegetative practices, rip rap, or other approved stabilization methods.
- _____f. Does practice meet purpose and design criteria?

- M. Erosion Control Matting:
- _____ a. Standard detail on plan.
 - _____ b. Design, if installed in a channel, must show a velocity of less than 6 FPS.
- N. Vegetative Establishment:
- _____ a. Temporary and permanent seeding.
 - _____ b. Seeding notes on plan to indicate seed variety and application rate. Mulch type with application rate and anchoring mechanism. Lime and fertilizer – amount, type, method of application.
 - _____ c. Must meet Section G- Vegetative Practices of the 1994 Standards and Specifications for Soil Erosion and Sediment Control. The Charles Soil Conservation District Details and Specifications for Vegetative Establishment may be used to meet this requirement.
 - _____ d. If seeding outside the specified seeding seasons, which in Southern Maryland are March 1 to May 15 and August 15 to October 15, then mulch will be applied at the rate of 2 tons an acre at 1" to 2" depth with uniform placement so that the soil surface is not exposed.
- O. Other approved Erosion and Sediment Control practices
- _____ a. Documentation demonstrating prior approval from either the Maryland Department of the Environment and/or the Charles Soil Conservation District
 - _____ b. Detail of practice
 - _____ c. Construction specifications

REQUIRED NOTES AND CERTIFICATIONS

STANDARD STABILIZATION NOTE:

“Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within seven (7) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); and fourteen days (14) as to all other disturbed or graded areas on the project site. Once vegetation is established, the site shall have 95% groundcover to be considered adequately stabilized.

OWNER'S/DEVELOPERS CERTIFICATION:

“I/We hereby certify that all clearing, grading, construction, vegetative stabilization and/or development will be done pursuant to this plan and that any responsible personnel involved in the construction project will have a certificate of attendance at a Maryland Department of the Environment approved training program for the control of erosion and sediment before beginning the project. I hereby authorize the right to entry for periodic on-site evaluation by State of Maryland, Department of the Environment, Compliance Inspectors and the representatives of the Charles Soil Conservation District.”

_____	_____
Date	Owner/Developer Signature
_____	_____
Card No.	Printed Name and Title

Telephone
Number: _____

Address: _____

CONSULTANT CERTIFICATION:

“I hereby certify that this plan has been designed in accordance with the 1994 Standards and Specifications for Soil Erosion and Sediment Control or current revisions thereof, and Department of the Environment Stormwater Management Regulations.

MD P.E. License # _____

MD Land Surveyor License # _____

MD Landscape Architect # _____

Name _____

Firm Name _____

Street Address _____

SEAL

Signature

Date

APPROVAL BLOCKS FOR CHARLES SCD

It is recommended that an exact copy of the approval stamp (shown below) be located in the lower right corner of the first sheet or cover sheet of the plans.

CHARLES SOIL CONSERVATION DISTRICT APPROVAL

CHARLES SCD SEDIMENT AND EROSION CONTROL PLAN NUMBER _____

CHARLES SCD SMALL POND APPROVAL NUMBER(S) _____

Sediment and Erosion Control Plan and Small Pond (if applicable) is hereby approved by the Charles Soil Conservation District.

Signature / Date

This Approval expires _____

Written Requests for Extension May be submitted to the District.

This plan meets the technical requirements of the U.S.D.A. Natural Resources Conservation Service. _____

CHARLES SOIL CONSERVATION DISTRICT
DETAILS AND SPECIFICATIONS FOR
VEGETATIVE ESTABLISHMENT

Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within seven (7) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); and fourteen days (14) as to all other disturbed or graded areas on the project site. Once vegetation is established, the site shall have 95% groundcover to be considered adequately stabilized.

1. Permanent Seeding:

- A. Soil Tests: Lime and fertilizer will be applied per soil tests results for sites greater than 5 acres. Soil tests will be done at completion of initial rough grading or as recommended by the sediment control inspector. Rates and analyses will be provided to the grading inspector as well as the contractor. The minimum soil conditions required for permanent vegetative establishment are:
- a. Soil pH shall be between 6.0 and 7.0.
 - b. Soluble salts shall be less than 500 parts per million (ppm).
 - c. The soil shall contain less than 40% clay but enough fine grained material (> 30% silt plus clay) to provide the capacity to hold a moderate amount of moisture. An exception is if lovegrass or serecia lespedeza is to be planted, then a sandy soil (< 30% silt plus clay) would be acceptable.
 - d. Soil shall contain 1.5% minimum organic matter by weight.
 - e. Soil must contain sufficient pore space to permit adequate root penetration.
 - f. If these conditions cannot be met by soils on site, adding topsoil is required in accordance with Section 21 Standard and Specification for Topsoil or amendments made as recommended by a certified agronomist.
- B. Seedbed Preparation: Area to be seeded shall be loose and friable to a depth of at least 3 inches. The top layer shall be loosened by raking, disking or other acceptable means before seeding occurs. For sites less than 5 acres, apply 100 pounds dolomitic limestone and 21 pounds of 10-10-10 fertilizer per 1,000 square feet. Harrow or disk lime and fertilizer into the soil to a depth of at least 3 inches on slopes flatter than 3:1.
- C. Seeding: Apply 5-6 pounds per 1,000 square feet of tall fescue between March 1 and May 15 or between August 15 and October 15. Apply seed uniformly on a moist firm seedbed with a cyclone seeder, cultipacker seeder or hydroseeder (slurry includes seeds and fertilizer, recommended on steep slopes only). Maximum seed depth should be ¼ inch in clayey soils and ½ inch in sandy soils

when using other than the hydroseeder method. Irrigate where necessary to support adequate growth until vegetation is firmly established. If other seed mixes are to be used, select from Table 25, entitled "Permanent Seeding For Low Maintenance Areas" from the current Standards and Specifications for Soil Erosion and Sediment Control. Mixes suitable for this are 1, 3 and 5-7. Mixes 5-7 are suitable in non-mowable situations.

- D. Mulching: Mulch shall be applied to all seeded areas immediately after seeding. During the time periods when seeding is not permitted, mulch shall be applied immediately after grading.

Mulch shall be unrotted, unchopped, small grain straw applied at a rate of 2 tons per acre or 90 pounds per 1,000 square feet (2 bales). If a mulch-anchoring tool is used, apply 2.5 tons per acre. Mulch materials shall be relatively free of all kinds of weeds and shall be completely free of prohibited noxious weeds. Spread mulch uniformly, mechanically or by hand, to a depth of 1-2 inches.

- E. Securing Straw Mulch: Straw mulch shall be secured immediately following mulch application to minimize movement by wind or water. The following methods are permitted:
- (i) Use a mulch-anchoring tool which is designed to punch and anchor mulch into the soil surface to a minimum depth of 2 inches. This is the most effective method for securing mulch, however, it is limited to relatively flat areas where equipment can operate safely.
 - (ii) Wood cellulose fiber may be used for anchoring straw. Apply the fiber binder at a net dry weight of 750 pounds per acre. If mixed with water, use 50 pounds of wood cellulose fiber per 100 gallons of water.
 - (iii) Liquid binders may be used. Apply at higher rates at the edges where wind catches mulch, such as in valleys and on crests of slopes. The remainder of the area should appear uniform after binder application. Binders listed in the 1994 Standards and Specifications for Soil Erosion and Sediment Control or approved equal shall be applied at rates recommended by the manufacturers.
 - (iv) Lightweight plastic netting may be used to secure mulch. The netting will be stapled to the ground according to manufacturer's recommendations.

2. Temporary Seeding:

Lime:	100 pounds of dolomitic limestone per 1,000 square feet.
Fertilizer:	15 pounds of 10-10-10 per 1,000 square feet.

- Seed: Perennial rye – 0.92 pounds per 1,000 square feet (February 1 through April 30 or August 15 through November 1).
- Millet – 0.92 pounds per 1,000 square feet (May 1 through August 15).
- Mulch: Same as 1 D and E above.

3. No fills may be placed on frozen ground. All fill to be placed in approximately horizontal layers, each layer having a loose thickness of not more than 8 inches. All fill in roadways and parking areas are to be classified as per Charles County requirements. Any fill within the building area is to be compacted to a minimum of 95% density. Fills for pond embankments shall be compacted as per MD-378 Construction Specifications. All other fills shall be compacted sufficiently so as to be stable and prevent erosion and slippage.

4. Permanent Sod:

Installation of sod should follow permanent seeding dates. Seedbed preparation for sod shall be as noted in section (B) above. Permanent sod is to be tall fescue, state approved sod; lime and fertilizer per permanent seeding specifications and lightly irrigate soil prior to laying sod. Sod is to be laid on the contour with all ends tightly abutting. Joints are to be staggered between rows. Water and roll or tamp sod to insure positive root contact with the soil. All slopes steeper than 3:1, as shown, are to be permanently sodded or protected with an approved erosion control netting.

Additional watering for establishment may be required. Sod is not to be installed on frozen ground. Sod shall not be transplanted when moisture content (dry or wet) and/or extreme temperature may adversely affect its survival. In the absence of adequate rainfall, irrigation should be performed to ensure establishment of sod.

5. Mining Operations:

Sediment control plans for mining operations must include the following seeding dates and mixtures:

For seeding dates of February 1 through April 30 and August 15 through October 31, use seed mixture of tall fescue at the rate of 2 pounds per 1,000 square feet and sericea lespedeza at the minimum rate of 0.5 pounds per 1,000 square feet.

6. Topsoil shall be applied as per the Standard and Specifications for Topsoil from the current Maryland Standards and Specifications for Soil Erosion and Sediment Control.

NOTE: Use of this information does not preclude meeting all of the requirements of the current Maryland Standards and Specifications for Soil Erosion and Sediment Control.

CHARLES SOIL CONSERVATION DISTRICT REVIEW/ APPROVAL FOR SMALL LOT DEVELOPMENT:

The completed Owner's / Developer's Certification for Sediment and Erosion Control shown on the next page must be provided for small lot development sediment and erosion control plans. It is recommended that the completed form be placed directly on the sediment control plans.

Note:

- Charles County Small lot development sediment and erosion control plans are submitted through the Charles County permit process.
- Town of LaPlata and Town of Indian Head small lot development sediment and erosion control plans are submitted directly to the Charles Soil Conservation District.

Small Lot Sediment and Erosion Control plans must adhere to the District checklist requirements. Although many of the checklist requirements may not be applicable for small projects, at a minimum the Charles Soil Conservation District checklist items which are shaded must be addressed.

Subdivision/Lot Number _____
Tax Map _____
Parcel _____
Grid _____

OWNER'S/DEVELOPER'S CERTIFICATION FOR SEDIMENT AND EROSION CONTROL

All sediment control practices will be installed and maintained in accord with the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control. Permanent and temporary vegetative stabilization will meet Section G- Vegetative Practices of the 1994 Standards and Specifications for Soil Erosion and Sediment Control.

Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within seven (7) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes and all slopes greater than three (3) horizontal to one (1) vertical (3:1) and fourteen (14) days as to all other disturbed or graded areas of the project site. Once vegetation is established, the site shall have 95% groundcover to be considered adequately stabilized.

The permanent driveway or entrance location shall be used as a stabilized construction entrance. Two-inch stone base shall be placed at least six (6) inches deep, 30 feet long and 10 feet wide over approved filter cloth. The entrance shall be top dressed with stone as necessary to prevent tracking of sediment onto public streets or rights-of-way.

I/We hereby certify that all clearing, grading, construction, stabilization and/or development will be done pursuant to this plan (for permit referenced below) and any noted Charles Soil Conservation District requirements. Any responsible personnel involved in the construction project will have a certificate of attendance at a Maryland Department of the Environment approved training program for the control of sediment and erosion before beginning the project. I hereby authorize the right of entry for periodic on-site evaluation by State of Maryland, Department of the Environment, Compliance Inspectors and representatives of the Charles Soil Conservation District.

Signature: _____ Date: _____

Name: _____ Title: _____ Phone #: _____

Firm: _____ Complete Address: _____

<p>PERMIT NUMBER _____</p> <p>CHARLES SOIL CONSERVATION DISTRICT APPROVAL CHARLES SCD SED. CTRL. PLAN NUMBER _____</p> <p>Sediment and Erosion Control Plan approved by the Charles Soil Conservation District.</p> <p>_____ Signature / Date</p> <p>This Approval Expires _____</p> <p>Written Requests for Extension may be submitted to the District. This plan meets the technical requirements of the U.S.D.A. Natural Resources Conservation Service.</p>
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STANDARD EROSION
AND SEDIMENT
EROSION CONTROL
APPROVAL FOR
FOREST HARVEST
OPERATIONS

(Copy can be provided by the Charles Soil
Conservation District)

CHARLES SOIL
CONSERVATION
DISTRICT SMALL
POND APPROVAL
CHECKLIST

(Copy can be provided by the Charles Soil
Conservation District)