# LAND DISTURBANCE PERMIT APPLICATION PACKAGE

## SITE PLANS

## SUBDIVISION PLANS

## LAND DISTURBANCE NOT ASSOCIATED WITH SITE OR SUBDIVISION PLANS



Department of Public Services 301 E. Cork Street Winchester, VA 22601 (540) 773-1340 Telephone (540) 662-5227 Fax January 2024

#### **EROSION AND SEDIMENT CONTROL PLAN**

#### SUBMISSION CHECKLIST

This application package is designed to ensure that regulated land disturbing activities occur only after approval of a site plan and approval of the Virginia Stormwater Management Permit application, if applicable. The erosion and sediment control application is not considered complete unless all the required information listed below is present. If any part of the required information is missing, the application will not be accepted by the City of Winchester, Department of Public Services.

VVIIICIIE	ester, Department of Public Serv	ices.		
	1. Completed Land Disturbance Permit Application (pages 10-11).			
	2. One (1) copy of the approved site plan complete with erosion and sediment control narrative and engineering calculations.			
	3. Completed checklist for commercial/industrial development or residential subdivision development (pages 7-8).			
	4. Each application shall be a schedule:	accompanied by a fee, according to the following		
	Site Plans	\$300 + \$50/disturbed acre or fraction thereof		
	Subdivision Plans	\$400 + \$50/disturbed acre or fraction thereof		
	Other Land Disturbance no Home	ot associated with a Site Plan, Subdivision or Single Family \$200		
		ee required for all land disturbance permit applications the land disturbance permit application is submitted.		
	•	eet provided in the land disturbance permit application I contact the applicant with confirmation that the bond		
	_	nwater Management Permit and supporting ater or equal to one acre of disturbed area.		

#### **ACTIVITIES REQUIRING AN EROSION AND SEDIMENTATION CONTROL PLAN**

An Erosion and Sedimentation Control Plan must be submitted, reviewed, and approved before a land disturbance permit will be issued by the City of Winchester. A permit is required for any land disturbing activity. A land disturbing activity is defined as: Any land change which may result in soil erosion from water or wind and the movement of sediments into State waters or onto lands in the Commonwealth, including, but not limited to, clearing, grading, excavating, transporting and filling of land.

Only those land disturbing activities specifically exempted by Chapter 9 of the City of Winchester Water Protection Ordinance may be conducted without first obtaining a permit. These exempted activities are:

- A. Minor land-disturbing activities such as home gardens and individual home landscaping, repairs, and maintenance work;
- B. Individual service connections;
- C. Installation, maintenance, or repair of any underground public utility lines when such activity occurs on an existing hard-surfaced road, street or sidewalk provided such land-disturbing activity is confined to the area of the road, street or sidewalk which is hard-surfaced;
- D. Septic tank lines or drainage fields unless included in an overall plan for land-disturbing activity relating to construction of the building to be served by the septic tank system;
- E. Surface or deep mining;
- F. Exploration or drilling for oil and gas including the well site, roads, feeder lines, and off-site disposal area;
- G. Tilling, plant, or harvesting of agricultural, horticultural, or forest crops, or livestock feedlot operations; including engineering operations and agricultural engineering operations as follows: construction of terraces, terrace outlets, check dams, desilting basins, dikes, ponds not required to comply with the Dam Safety Act, Article 2, (sec. 10.1-604 et seq.), Chapter 6 of the Code of Virginia, ditches, strip cropping, lister furrowing, contour cultivating, contour furrowing, land drainage, and land irrigation. However, this exception shall not apply to harvesting of forest crops unless the area on which harvesting occurs is reforested artificially or naturally in accordance with the provisions of Chapter 11 (Sec. 10.1-1100 et seq.) of this title or is converted to bona fide agricultural or improved pasture use as described in Subsection B of Section 10.1-1163 of the Code of Virginia;

- H. Repair or rebuilding of the tracks, right-of-ways, bridges, communication facilities and other related structures and facilities of a railroad company;
- I. Disturbed land areas of less than 5,000 square feet in size;
- J. Installation of fence and sign posts or telephone and electric poles and other kinds of posts or poles;
- K. Shore erosion control projects on tidal waters when the projects are approved by local wetlands boards, the Marine Resources Commission, or the United States Army Corps of Engineers; and
- L. Emergency work to protect life, limb or property, and emergency repairs; provided that if the land disturbing activity would have required an approved erosion and sediment control plan. If the activity were not an emergency, then the land area disturbed shall be shaped and stabilized in accordance with the requirements of the plan-approving authority.

#### PROCEDURES FOR OBTAINING A LAND DISTURBANCE PERMIT

#### COMMERCIAL/INDUSTRIAL DEVELOPMENT PLAN (SITE PLAN)

- 1. Submit information indicated on Page 2 of this application package.
- 2. Provide the "Responsible Land Disturber" (R.L.D.) information for the project which shall include, name, certificate number and date of expiration. Information on obtaining a RLD certification can be found online at <a href="https://www.deq.virginia.gov/permits-regulations/training-certification/responsible-land-disturber">https://www.deq.virginia.gov/permits-regulations/training-certification/responsible-land-disturber</a>
- 3. Once all the required information has been submitted, reviewed, and approved by the program administrator, a land disturbance permit will be issued.
- 4. Prior to initiating any land disturbing activity, it will be necessary to schedule an on-site pre-construction meeting with the Engineering Division of the Department of Public Services staff to discuss the approved erosion and sediment control plan.
- 5. Phase one of erosion and sediment control measures will consist of performing only the land disturbing activity necessary to implement the erosion and sediment control measures in accordance with the approved plans.
- 6. Contact the Engineering Division of the Department of Public Services to schedule the required erosion and sediment control measures inspections as indicated by the program administrator.
- 7. If the erosion and sediment control measures have been installed in accordance with the approved plan, the Engineering Division of the Department of Public Services will grant approval to initiate land disturbing activity.
- 8. Periodic inspections will be performed by the Engineering Division of the Department of Public Services to ensure that the erosion and sediment control measures are maintained in accordance with the approved plan throughout the life of the project.
- 9. Once the project approaches completion, the area shall be final graded and stabilized in accordance with the approved plan. In addition, all temporary erosion and sediment control measures shall be removed, and the affected areas graded and stabilized.
- 10. The Performance Bond/Irrevocable Letter of Credit shall be refunded once the site complies with Chapter 9 of City of Winchester Erosion and Sediment Ordinance.

#### RESIDENTIAL SUBDIVISION DEVELOPMENT PLAN

- 1. Submit information indicated on Page 2 of this application package.
- 2. Provide the "Responsible Land Disturber" (R.L.D.) information for the project which shall include, name, certificate number and date of expiration. Information on obtaining a RLD certification can be found online at <a href="https://www.deq.virginia.gov/permits-regulations/training-certification/responsible-land-disturber">https://www.deq.virginia.gov/permits-regulations/training-certification/responsible-land-disturber</a>
- 3. Once all the required information has been submitted, reviewed, and approved by the program administrator, a land disturbance permit will be issued.
- 4. Prior to initiating any land disturbing activity, it will be necessary to schedule an on-site pre-construction meeting with the Engineering Division of the Department of Public Services staff to discuss the approved erosion and sediment control plan. No pre-construction meetings will be scheduled prior to issuance of the land disturbance permit for the subject project.
- 5. Phase one of the erosion and sediment control measures will consist of performing only the land disturbing activity necessary to implement the erosion and sediment control measures in accordance with the approved plans.
- 6. Contact the Engineering Division of the Department of Public Services to schedule the required erosion and sediment control measures inspections as indicated by the program administrator. If the erosion and sediment control measures have been installed in accordance with the approved plan, the Engineering Division of the Department of Public Services will grant approval to initiate land disturbing activity.
- 8. Periodic inspections will be performed by the Engineering Division of the Department of Public Services to ensure that the erosion and sediment control measures are maintained in accordance with the approved plan throughout the life of the project.
- 9. The Developer shall schedule a final inspection for the subdivision prior to installation of water meters. The following items shall be completed:
  - a) Subdivision shall be stabilized in accordance with the approved plan (i.e., road surface, stormwater conveyance system, curb and gutter, sidewalks, channel linings, vegetative cover, etc.)
  - b) Submittal of certified as-built of the subdivision which contains the following items: stormwater conveyance systems, curb and gutter, drainage channels and ditches, stormwater pond. A letter from the engineer-of-record shall be included with the as-built which states that the subdivision has been constructed in accordance with the approved plan. (reference Chapter 9 of the City Code Water Protection Ordinance)
  - c) See Appendix H Subdivision Inspection Checklist for a guideline for expectations for acceptance of facilities (streets, sanitary sewer, storm sewer, water, etc.) for public maintenance.

## **PLAN CONTENT CHECKLIST**

The Erosion and Sediment Control Plan must contain all the following information:

NARRATIVE:	
	<u>Project Description</u> – Briefly describe the nature and purpose of the land disturbing activity and the amount of grading involved.
	<u>Existing Site Conditions</u> – A description of the existing topography, vegetation, and drainage.
	<u>Adjacent Areas</u> – A description of neighboring areas such as streams, lakes, residential areas, roads, etc., which might be affected by the land disturbance.
	<u>Soils</u> – A brief description of the soils on the site giving such information as soil names, mapping unit, erodibility, permeability, depth, texture, and soil structure
	<u>Critical Areas</u> – A description of areas on the site which have the potential for serious erosion problems.
	<u>Erosion and Sediment Control Measures Phase Outline</u> – A delineation of the phases in which the erosion and sediment control measures will be implemented.
	<u>Erosion and Sediment Control Measures</u> – A description of the methods which will be used to control erosion and sedimentation on the site.
	<u>Temporary Stabilization</u> – A brief description, which includes specifications as to how the site will be stabilized after construction has been completed.
	<u>Permanent Stabilization</u> – A brief description, including specifications, of how the site will be stabilized after construction is completed.
	Stormwater Management Consideration – Will the development of the site result in increased peak rates of runoff? Will this result in flooding or channel degradation downstream? If so, considerations should be given to stormwater control structures on the site. Comply with minimum Standard 19 of the Erosion and Sediment Control Law and Regulations.
	<u>Maintenance</u> – A schedule of regular inspections and repair of erosion and sediment control structures should be set forth.
	<u>Calculations</u> – Any calculations made for the design of such items as sediment basins, diversions, waterways and calculations for runoff and stormwater detention basis design (if applicable).

## SITE PLAN/SUBDIVISION PLAN: **Vicinity Map** – A small map locating the site in relation to the surrounding area. **Existing Contours** – The existing contours of the site should be shown on the map. **Existing Vegetation** – The existing tree lines, grassy areas, or unique vegetation should be shown on the map. **Soils** – The boundaries of the different soil types should be shown on a map. **Indicate North** – The direction of north relative to the site should be shown. Critical Erosion Areas – Areas with potentially serious erosion problems should be shown on the map. Existing Drainage Patterns – The dividing lines and the direction of flow for the different drainage areas should be shown on a map. **Final Contours** – Changes to the existing contours should be shown on a map. <u>Limits of Clearing and Grading</u> – Areas which are to be cleared and graded should be outlined on a map. Location of Practices – The locations of the erosion and sediment control and stormwater management practices used on the site should be shown on a map. Variance Request – A list of exemptions to any of the Minimum Standards of the Virginia Erosion and Sediment Control Law and Regulations. **Detail Drawing** – Any structural practices should be explained and illustrated with detail drawings. Overall Lot Grading Plan – A grading (site) plan for all lots in a subdivision and

the proposed finished floor elevations (if applicable).

## **APPENDIX A**

## LAND DISTURBANCE APPLICATION

## **FORM**





Public Services 301 E Cork Street Winchester, VA 22601 Telephone: (540) 667-1815 FAX: (540) 662-3351 TDD: (540) 722-0782 Website: www.winchesterva.gov

## Application For Land Disturbance Permit

(OFFICE USE ONLY)	Date	
Sect	tion 1	
General II	nformation	
Project Name:	Plan Prepared By:	
Project Address:	Approved Site Plan #:	
Disturbed Area = sq. ft./acres	Hydrologic Unit #: PU16 or PU17 (OFFICE USE ONLY)	
Proposed Impervious Area=sq ft./acres		
	tion 2	
Certif	ication	
RLD Name: Certification #:		
Verified By:	Date Verified:(OFFICE USE ONLY)	
	tion 3 Contact Information	
Landowner Name:	Day Phone Number:	
Address: City/St/Zip:		
Applicant/Project Contact	ct (if different from above)	
Contact Name:	Day Phone Number:	
Address: City/St/Zip:		
Email Address:		

The applicant does hereby certify that they fully understand the provisions of the City of Winchester, Virginia Erosion and Sediment Control Ordinance and Program, and that they accept responsibility for carrying out the E & S plan for the above referenced project as approved.

The right–of–entry onto this property, as described above, is hereby granted to the designated personnel of the City of Winchester, Virginia for the purpose of inspecting and monitoring for compliance with the aforesaid ordinance.

The following general statements shall apply to all permits:

- 1. All projects shall conform to the standards and specifications and other criteria adopted by the City of Winchester unless the City has granted a variance in writing.
- 2. This Permit must be kept on the work site and shown on request.
- 3. The City must be notified when the work commences and when the project is completed.
- 4. Other work (grading, excavating, construction) on the project shall not commence until the appropriate erosion and sediment controls are in place as specified on the plan.
- 5. Applicant agrees to be responsible for any and all damages to any other conservation measures already in place as a result of work covered by this permit.
- 6. Applicant agrees to maintain the conservation measures in satisfactory operating condition until final permanent stabilization is achieved.
- 7. Applicant agrees to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste.
- 8. The Land Disturbance Permit may be revoked, should the City determine that the project is not in compliance with the conditions of the approved plan.

Section 9-9. (b) Of the Ordinance requires that a Performance Guarantee be submitted to the City in the amount determined by the City. Such Performance Guarantee shall be conditioned to conform any work to approved standards and specifications as specified in the approved Erosion and Sediment Control Plan.

Final inspection of the project shall be made by the City. The release of any Performance

Guarantee is contingent upon the findings of such in Guarantee shall occur within 60 days after the project the City. The amount of such Performance Guarante plan review and inspection of this project is hereby	ect site is deemed adequee is hereby set at \$	ately stabilized by The fee for
p.a p.a a a a a a		-
SUBMITTED:		
	Date:	
Applicant Signature		
APPROVED:		
	Date:	
City Engineer		
FINAL INSPECTION & APPROVAL:		
	Date:	
Inspector		

## **APPENDIX B**

## **EROSION AND SEDIMENT CONTROL**

## **BOND ESTIMATE FORM**

#### CITY OF WINCHESTER EROSION AND SEDIMENT CONTROL BOND ESTIMATE FORM

PROJECT NAME					
DATE					
DESIGN FIRM					
CONTACT			PHONE #		
STANDARD#	CONSTRUCTION BMP	<u>COST</u>	<u>UNIT</u>	QUANTITY	<u>COST</u>
C-PCM-01	Safety Fence	\$5.00	Linear Foot		
C-PCM-04	Silt Fence	\$6.00	Linear Foot		
C-PCM-05	Compost Filter Sock	\$5.00	Linear Foot		
C-SCM-02	Construction Road Stabilization	\$5.00	Square Yard		
C-SCM-03	Construction Entrance	\$2,000.00	Each		
	w/ Wash Rack	\$3,000.00	Each		
C-SCM-04	Inlet Protection	\$200.00	Each		
C-SCM-05	Culvert Inlet Protection	\$250.00	Each		
C-SCM-07	Rock Check Dam	\$35.00	Square Yard		
C-SCM-11	Temporary Sediment Trap	\$2,000.00	Each		
C-SCM-12	Temporary Sediment Basin	\$4,000.00	Lump Sum		
C-SCM-13	Concrete Washout Pit	\$1,500.00	Each		
C-ECM-04	Temporary Diversion Dike	\$6.00	Linear Foot		
C-ECM-05	Diversion	\$15.00	Linear Foot		
C-ECM-06	Temporary Fill Diversion	\$3.00	Linear Foot		
C-ECM-07	Temporary Right of Way Diversion	\$3.00	Linear Foot		
C-ECM-09	Stormwater Conveyance Channel				
	Seeded	\$15.00	Square Yard		
	Sodded	\$25.00	Square Yard		
	Matting	\$45.00	Square Yard		

	Rip-Rap	\$65.00	Square Yard		
C-ECM-11	Paved Flume	\$45.00	Square Yard		
C-ECM-13	Rip-Rap	\$65.00	Square Yard		
C-ECM-14	Temporary Level Spreader	\$15.00	Square Yard		
C-ECM-15	Outlet Protection		_		
	Rip-Rap	\$65.00	Square Yard		
	Concrete	\$55.00	Square Yard		
C-SSM-09	Temporary Seeding	\$3,000.00	Acre		
C-SSM-10	Permanent Seeding	\$3,500.00	Acre		
Other			_		
			Subtotal		
Other	Mobilization Fee (3% of bond balance)	3%	Lump Sum		
			_	TOTAL	

## **APPENDIX C**

## **EROSION AND SEDIMENT CONTROL PERFORMANCE BOND**

## **FORM**

#### **EROSION AND SEDIMENT CONTROL PERFORMANCE BOND**

Pand number

bond number	_
	as principal, and a corporate duly authorized as a Surety company to
transact business in the Commonwealth of Vir Winchester, Virginia, a political subdivision of	rginia, as Surety, are held and firmly bound unto the City of the Commonwealth of Virginia, as Obligee, in the sum of) in lawful money of the United States, for the
payment of which sum, well and truly to be m	ade, we, the Principal and Surety, unconditionally bind ators, successors and assigns, jointly and severally, firmly
WHEREAS, the Principals desires to engage in	land disturbing activity on property owned by: and described as:
AND WHEREAS, the Principal had submitted to City of Winchester for approval and Erosion and	o the Erosion and Sediment Control Administrator of the nd Sediment Control Plan prepared by , dated
and submitted to the City of Winchester for la (the "Plan").	and disturbing activity on the above described property

NOW, THEREFORE, the condition of this obligation is such that if the City of Winchester approves the Plan, and any revisions to the Plan, and if the Principal within the time specified and in accordance with the Plan and any revisions and in accordance with the City of Winchester Code, shall faithfully perform each and every conservation activity required by the City Code and specified in the Plan, and any revision thereof, then the above obligations shall terminate in accordance with the terms of this bond. Otherwise, they shall be and remain in full force and effect.

Whenever the Principal shall fail, and be declared by the Obligee to have failed to perform the required conservation activities, the Surety, within five (5) business days of a written demand by the Obligee, shall promptly pay to the Obligee the amount of this bond, which shall be used by the Obligee to perform or to arrange for performance of the Principal's obligation. No other action by the Obligee shall be necessary to receive such payment from the Surety. Any expended or unobligated portion of such bond shall be refunded to the Surety by the Obligee at the expiration of sixty (60) days from the successful stabilization and completion of the land disturbing activity. In no event shall the aggregate liability of Surety exceed the amount of the bond.

This bond shall terminate at the expiration of sixty (60) days from the date of written notice to the Surety from the City of Winchester of completion of the land disturbing activity; however, such termination shall not discharge the Surety from any liability previously accrued pursuant to this bond.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the term of the Plan shall in any way affect its obligation on this bond and the Surety hereby waives notice of any such change, extension of time, alteration or addition to the terms of the plan.

#### **ACKNOWLEDGEMENT FOR PRINCIPAL**

State of	
County/City of	
l,	, a Notary Public in and for the County/City
and State aforesaid, do certify that	whose name is signed to the pefore me in my County/City and State aforesaid and
My commission expires	<del>.</del>
Given under my hand and s	seal this day of, 20
	Notary Public
ACKN	NOWLEDGEMENT FOR SURETY
County/City of	
l,	, a Notary Public in and for the County/City
and State aforesaid, do certify that foregoing bond, personally appeared be acknowledged the same to be his act a	whose name is signed to the pefore me in my County/City and State aforesaid and and deed.
My commission expires	<del>·</del>
Given under my hand and s	seal this day of, 20
	Notary Public

day of		, 20
		PRINCIPAL
	By: Title:	
		SURETY
	Bv:	

## **APPENDIX D**

## **IRREVOCABLE LETTER OF CREDIT**

## **BANK AGREEMENT**

**FORM** 

## IRREVOCABLE LETTER OF CREDIT BANK AGREEMENT

**BENEFICIARY:** PERMITTEE: **ADDRESS:** TREASURER, CITY OF WINCHESTER 15 N. CAMERON STREET WINCHESTER, VA 22601 **ISSUING BANK: ADDRESS: DATE OF ISSUE:** AMOUNT: \$ **EXPIRY DATE: ISSUING BANK ABA NO.:** PROJECT/SUBDIVISION:\_\_\_\_\_ PHASE(S):\_\_\_\_\_ We hereby issue our Irrevocable Letter of Credit No.\_\_\_\_\_ in favor of the Treasurer, City of Winchester, Virginia, for the account of \_\_\_\_\_\_ its agents, successors or assigns for a sum not exceeding \_\_\_\_\_\_ U.S. Dollars (\$ ) available by your sight draft on the above stated Issuing Bank and accompanied by documents stated below: A certified statement signed by the Erosion and Sediment Control Program Administrator stating that (Permittee) \_\_\_\_\_ has not satisfactorily completed the construction of and/or satisfactorily maintained, all erosion and sediment control activity required by City Code and specified in the Plan for \_\_\_\_\_\_, the approved site plan/subdivision. A statement signed by the Erosion and Sediment Control Program Administrator that: "The drawing is for the explicit purpose of providing for the completion or maintenance of a required facility or function pursuant to the requirements of Chapter 9 - Erosion and Sediment Control of the City Code and pursuant to the agreement of the Subdivider, Developer, or his agent to comply with said ordinance as a condition of the approval of the site plan/subdivision erosion and sediment control plan to the satisfaction of the Erosion and Sediment Control Program Administrator."

We hereby engage with drawers, endorsers, and bona fide holders that	all drafts drawn in compliance with the
terms of this credit shall be duly honored upon presentation and deliver	y of the above documents. This
Irrevocable Letter of Credit shall remain in full force and effect for a min	imum of one (1) year from the date hereof
and shall be automatically extended for additional terms of six (6) month	ns from the present or future expiration
dates unless, sixty (60) days prior to such date or dates, the above name	d bank or financial institution issuing the
instrument notifies the City in writing by certified mail that they elect no	ot to renew the instrument for such
additional period. During the last thirty (30) days while this Letter of Cre	edit is in force and effect and after notice
of termination has been given, the City may draw up to the full amount	of the sum when accompanied by a
document stating that (Permittee)	has failed to provide an acceptable
substitute Irrevocable Letter of Credit or deposit in escrow, and a docum	nent stating that "The drawing will be held
by the City for the sole purpose of providing for the completion and/or r	maintenance of the erosion and sediment
control requirements to the satisfaction of the Erosion and Sediment Co	ntrol Program Administrator." This credit
shall be terminated upon the Erosion and Sediment Control Program Ad	ministrator giving written release to
(Permittee or Developer)	stating that they have satisfactorily
performed and fulfilled the obligations and requirements of the subject	subdivision.
Attest:	
	Authorized Signature
	Typed or Printed Name
	Typed of Timed Name
ACKNOWLEDGEMENT FOR SURETY	Title
State of	
County/City of, to wit:	
I,, a Notary F	Public in and for the County/City and State
aforesaid, do certify that whose nat credit, personally appeared before me in my County/City and State afore act and deed.	
My commission expires	2
Given under my hand and seal this day of	, 20
	Notary Public