



Rockingham County Environmental Site Plan Checklist

Project Name

Project Address or Tax Map Number

Submission Requirements:

In accordance with the Rockingham County Code, the information outlined on the following checklist shall be included and submitted on the Erosion and Sediment Control and Stormwater Management plan sheets, unless otherwise noted. If the required information is shown on the requested plan sheets, respond with “yes” in the column labeled “Included (Yes/No)”. If the required information is located on a different sheet, please identify the appropriate sheet name and number for that line item.

Indicate Sheet		Included? Yes/No	General Project Information Development Standard
Name	Number		
			1. Development/project/site plan name, including:
			a. landowner or owner's agent (if applicable)
			b. contact telephone number and email address
			c. seal and signature of licensed engineer, architect, or land surveyor (every sheet)
			d. narrative description of the specific use of site
			2. Vicinity map, showing:
			a. location of tract, lot, or development
			b. roads (names or route numbers)
			c. bodies of water
			d. city or town corporate boundary
			e. other landmarks sufficient to clearly identify location of property
			3. Site statistics, including:
			a. tax map number
			b. deed book reference
			c. zoning
			d. total site acreage and acreage to be disturbed
			4. Plan date and all revision dates (every sheet)
			5. Scale of drawing and north arrow (every sheet)
			6. Rockingham County and regulatory agency directory
			7. Sheet index
			8. Construction standards, general notes, and narratives for Rockingham County, VDOT, and VA 811
			9. Permit number and conditions of approved special use permit, rezoning, or variance permit (if applicable)
			10. Approved proffer statement (if applicable)
			11. Master plan and phasing of development (if applicable)
			12. Boundary survey of the tract, lot, or development
			13. Ownership, land use, and zoning for adjoining properties

Indicate Sheet		Included?	Existing Site Conditions Narrative
Name	Number	Yes/No	Development Standard
_____	_____	_____	14. Written description of existing site conditions
_____	_____	_____	15. Description of adjacent areas which may be affected by land disturbance (please note uses and not zoning classification or adjacent property owner names)
_____	_____	_____	16. Existing natural features, including:
_____	_____	_____	a. topography
_____	_____	_____	b. streams; show 50' setback
_____	_____	_____	c. wetlands; show 50' setback or applicable wetland impact permits
_____	_____	_____	d. existing vegetation or ground cover type
_____	_____	_____	e. existing drainage divides and flow paths, including existing T _c line
_____	_____	_____	17. Floodplain location, including:
_____	_____	_____	a. FEMA flood zone designation
_____	_____	_____	b. elevation of 100-year base flood elevation

Indicate Sheet		Included?	Erosion and Sediment Control Narrative
Name	Number	Yes/No	Development Standard
_____	_____	_____	18. Project description, including:
_____	_____	_____	a. areage of disturbance
_____	_____	_____	b. cut/fill volumes
_____	_____	_____	19. Off-site land disturbance areas (borrow or waste sites)
_____	_____	_____	20. Soils characteristics, including:
_____	_____	_____	a. soil name
_____	_____	_____	b. mapping unit
_____	_____	_____	c. erodibility ("K" factor)
_____	_____	_____	d. permeability
_____	_____	_____	e. depth
_____	_____	_____	f. texture
_____	_____	_____	g. soil structure
_____	_____	_____	21. Critical areas, including:
_____	_____	_____	a. steep slopes
_____	_____	_____	b. channels
_____	_____	_____	c. wet weather or underground springs
_____	_____	_____	22. Specifications for permanent site stabilization
_____	_____	_____	23. Schedule of maintenance inspections and repairs to erosion and sediment control measures

Indicate Sheet		Included?	Erosion and Sediment Control Plan
Name	Number	Yes/No	Development Standard
_____	_____	_____	24. Limits of clearing and grading
_____	_____	_____	25. Sequence of construction
_____	_____	_____	26. Phase I: Initial controls only (all controls to be installed prior to mass grading)
_____	_____	_____	27. Phase II: Protections for interior drainage systems (all controls which function after mass grading)
_____	_____	_____	28. Current minimum standards
_____	_____	_____	29. Drainage area maps for sediment traps and basins where proposed
_____	_____	_____	30. Construction detail for each erosion and sediment control practice
_____	_____	_____	31. Temporary and permanent seeding requirements, including seeding chart
_____	_____	_____	32. Cross section for sediment basin(s) where proposed, showing water surface elevation for 25-year storm and other relevant elevations
_____	_____	_____	33. Full design calculations (can be in separate packet)

Indicate Sheet		Included?	Stormwater Management Narrative
Name	Number	Yes/No	Development Standard
_____	_____	_____	34. Receiving waters and any quality impairments
_____	_____	_____	35. Detailed description of channel protection and flood protection compliance strategy
_____	_____	_____	36. Description of Best Management Practices, including:
_____	_____	_____	a. methods for water quantity
_____	_____	_____	b. methods for water quality
_____	_____	_____	37. Virginia Runoff Reduction Method spreadsheet,
_____	_____	_____	a. phosphorus removal requirement total
_____	_____	_____	b. phosphorus total removal achieved
_____	_____	_____	38. Description of nutrient credit purchase (if applicable)
_____	_____	_____	39. Description of downstream receiving channel where detention is proposed, including:
_____	_____	_____	a. approximate size
_____	_____	_____	b. condition

Indicate Sheet		Included?	Stormwater Management Plan
Name	Number	Yes/No	Development Standard
_____	_____	_____	40. Summary table of the 1-, 2-, 10-, and 100-year storms (can exclude the 1-year storm if not applying energy balance)
_____	_____	_____	a. pre-construction discharge rates
_____	_____	_____	b. post-construction discharge rates
_____	_____	_____	c. energy balance maximum allowable discharge rate (if utilized)

Indicate Sheet		Included?	Stormwater Management Plan (continued)
Name	Number	Yes/No	Development Standard
			41. Proposed land cover map showing impervious areas, managed turf, and open space
			42. Proposed post-construction drainage areas, including: a. all points of discharge from the site clearly labeled b. T _c lines shown c. limit(s) of analysis clearly labeled where applicable
			43. Storm sewer profiles, showing: a. description and location of drains, inlets, and manholes b. profiles, including length, pipe diameter, material, class, and slope c. vertical clearance between utilities d. road bores and casings as necessary e. stream crossings and encasements as necessary
			44. Storm structure schedule
			45. Stormwater BMPs with storage/ponding capacity, show: a. cross section drawings b. water surface elevations for 1" storm, 2-, 10-, and 100-year storms
			46. Channel cross sections showing the 10-year water surface elevation
			47. Construction details for all stormwater BMPs
			48. Permanent stabilization and landscaping details, a. permanent grass seeding specifications b. plant types and quantities for BMP-related landscaping
			49. Lot grading plans with minimum finish floor elevations for any building site at risk of inundation in a 100-year flood event
			50. Full design calculations (can be in separate packet)

Submitted By:		
_____	_____	_____
Applicant's/Agent's Name	Applicant's/Agent's Signature	Date