

MARION COUNTY PUBLIC WORKS
EROSION & SEDIMENTATION CONTROL (ESC)
PLAN CHECK LIST

PLAN COVER SHEET

Before Public Works Land Development Engineering & Permits (PW-LDEP) will accept an ESCP Plan for review, the following list of ESC Plan elements must be checked-off as provided for on the Plan, and then signed/dated by the Applicant or their Authorized Agent.

- Vicinity Map
- Site Map, including north arrow in correct orientation
- Project Location (Address if available), including latitude and longitude
- Property Description
- Narrative Site Descriptions including Existing Site Conditions, Developed Conditions, Nature of Construction Site Activity, Phases (i.e. clearing, rough grading, foundation, final grading, landscaping), and estimated schedule
- Define the estimated area of the permitted site and the estimated area to be disturbed, including square footage/acres
- Site Soil Characterization – Including soil classifications and soil erosive potential
- Contours on the existing conditions plan shall extend a minimum of 20' beyond all site boundaries
- Receiving water body, as applicable (named if available), wetlands, named 100-year floodplain
- Plans within urban areas shall be drawn at a scale of one-inch equals 20 or 30 feet, and for rural sites, at a scale of one-inch equals 40 or 50 feet
- Provide stationing for linear projects within the public Right-of-Way. Stationing shall run from left to right of plan and profile and typically commence at the south or west end of project and end at the north or east end of project.
- Inspection frequencies
- Standard ESC Plan notes, with permit references when applicable
- BMP Matrix for construction phases
- Names and contact information for Applicant's agents such as Architect, Engineer, Prime Contractor, and Excavator
- Name and contact information for Applicant's designated erosion control inspector
- Initialed (wet ink) Rationale Statement

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**PRE-DEVELOPMENT SHEET FOR CLEARING, DEMOLITION, AND
MASS GRADING**

- Existing (pre-construction) conditions site plan
- Elevations based on USGS vertical datum
- Total property boundary including surface area of development
- Perimeter of area to be disturbed
- Existing contours extending a minimum of 20' beyond all site boundaries
- Locations of receiving water body, as applicable (named if available), springs, wetlands, 100-year floodplain boundary
- Drainage flow arrows depicting estimated overland and channelized pre-development flow directions
- Locations of natural existing discharge points for overland and channelized flow to receiving stream or buffers
- Location of temporary staging area
- Locations of existing structures and indications of those to be removed
- Location for temporary stockpile areas for soil and demo debris
- Locations of septic tanks, drywells, and potable / irrigation wells
- Identify areas where vegetation is to be protected and remain undisturbed (i.e. specimen trees). Delineate this boundary with erosion and sedimentation control base measures and orange construction fencing.
- Clearly define (show and label) Sensitive Areas and Vegetated Corridors
- Location of all ESC measures including but not limited to: gravel construction entrance, perimeter control BMPs, existing inlet protection, temporary diversion channels, settling ponds, etc.
- Legend of ESC BMP elements. Element distribution can be assigned symbolically or alpha/numerically.
- Site and phase specific ESC construction notes

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**POST-DEVELOPMENT SHEET FOR UTILITY, STREET
CONSTRUCTION, COMPLETION OF GRADING, AND FINAL
STABILIZATION**

- Developed (post-construction) conditions site plans
- Show onsite development boundary and any offsite work associated with the development. Include ESC for offsite areas.
- Finished Floor Elevation (FFE) based on USGS vertical datum
- Clearly identify areas or cuts and fills as well as show finished contours tying into existing contours
- Drainage flow arrows depicting locations of natural and altered discharge points for overland and channelized flow. Show appropriate interior sediment control BMP's downslope of all disturbed areas above streets, parking areas, and water quality facilities.
- Open / closed storm drain system and detention facilities, as applicable. Including all inlets and outlets.
- Designated areas for solid waste, hazardous waste, concrete washout, fuel storage areas, and method of control, as applicable
- Designated areas for soil stockpiles and method of control, as applicable
- Landscaping plan, including areas to be stabilized by seeding and/or sodding with watering requirements
- If seeding is specified as a BMP, specify dates in which seed is to be applied to ensure that vegetation becomes established prior to wet weather period.
- Identify areas where vegetation is to remain undisturbed. Delineate this boundary with ESC base measures and orange construction fencing.
- Relative locations of proposed features to receiving water body, as applicable (named if available), wetlands, 100-year floodplain boundary and how they will be protected from erosion
- Locations of water features (listed above) plus septic tanks, drain fields, drywells, detention ponds, potable / irrigation wells
- Show location of post development discharge points to receiving streams or buffers
- Clearly define (show and label) Sensitive Areas and Vegetated Corridors
- Include phase specific notes for dust control

- Indicate additional BMP's to be used when project boundary is within 50 feet of water of the state including but not limited to compost berms, compost blankets, compost socks, two parallel rows of sediment fence.
- Location of all ESC measures including but not limited to: inlet protection, temporary diversion channels, settling ponds, etc.
- Legend of ESC Plan BMP elements. Element distribution can be assigned symbolically or alpha/numerically.
- Site and phase specific ESC construction notes and site and phase specific ESC BMP implementation rules

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DETAILS SHEET

- Details for all proposed BMPs and installation techniques
- General ESC Plan notes. Refer to Clean Water Services ESC planning and design manual for guidance on design criteria.
- Notes pertaining to Non-Structural BMPs, if applicable, with descriptions and method of use

Prior to submittal, check that all the following are included:

- Appropriate BMPs have been used
- One set of approvable plans
- Copy of this checklist

ESC Plan Designed by: _____ Date : _____

Checklist Completed/Verified by: _____ Date : _____

Submit to:
Land Development Engineering & Permits
Marion County Public Works
5155 Silverton Road NE
Salem, OR 97305