# City of Gresham Erosion Prevent and Sediment Control Manual
# 3.2.1 Standard Notes

**The following requirements shall be included on all Plans:**

- The owner/permittee, or EPSC Manager, shall be responsible for proper installation, monitoring, maintenance, and removal of all erosion prevention and sediment control measures, in accordance with the city, state, and federal regulations. Responsibility will continue until permanent vegetation or landscape is complete. Owner/permittee shall be responsible for maintenance until the following conditions are met: 1) the project has been accepted by the City; 2) all individual lots are sold; and 3) termination of the 1200-C permit by the Department of Environmental Quality (DEQ).

- Approval of the Plan does not constitute an approval of permanent road or drainage design (e.g., size and location or roads, pipes, restrictors, channels, retention facilities, utilities).

- The boundaries of the clearing limits shown on a Plan shall be clearly marked in the field prior to construction. During the construction period, no disturbance beyond the clearing limits shall be permitted. The markings shall be maintained by the owner/permittee or designee for the duration of construction.

- The EPSC BMPs shown on the Plan must be constructed in conjunction with all clearing and grading activities, in accordance with the conditions of approval, public works standards, development code, and in such a manner as to ensure that sediment, sediment-laden water, and other pollutants do not enter the drainage system or roadways, or violate applicable water quality standards.

- The EPSC BMPs shown on the Plan are minimum requirements for anticipated site conditions. During the construction period, the BMPs shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment laden water do not leave the site.

- The EPSC BMPs shall be inspected daily during stormwater and snowmelt runoff and at least once every seven (7) calendar days and within 24 hours after any storm event that produces at least ½ of an inch of rain per 24-hour period. On inactive periods of greater than seven (7) consecutive calendar days, inspections are required every two (2) weeks.

- At no time shall sediment be allowed to accumulate more than one-third the height of any sediment control barrier. Trapped sediments shall be removed from catch basins when design capacity has been reduced by 50 percent. All catch basins and conveyance lines shall be cleaned prior to project final inspection. <u>The cleaning operation shall not flush or intentionally wash sediment-laden water into the downstream stormwater system, streams or drainageways.</u>

- Sediment that leaves the site shall be cleaned up within 24 hours and placed back on the site or properly disposed. Any in-stream clean up of sediment shall be performed according to requirements of the U.S. Army Corps of Engineers and the Oregon Department of State Lands.

- Storm drain inlets, catch basins, and area drains shall be protected until pavement surfaces are completed and permanent vegetation has been established.

- Stabilized gravel entrances shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures may be required to ensure that all paved areas are kept clean for the duration of the project.

- Concrete washout location shall be provided for washing of concrete trucks and equipment so that concrete slurry is not washed into the stormwater system, streams, or drainageways. Identify the location on the Plan and include the note: "Do not overfill and bury when finished."

- Groundcover and/or seeding shall be completed as soon as practicable for each phase of construction and not later than September 1. If fertilizers are used to establish vegetation, the application rates shall follow manufacturer's guidelines and the application shall be performed in such a way to minimize nutrient-laden runoff to receiving waters. The Plan shall state the conditions for determining successful vegetation establishment.

- Non-stormwater pollutant control measures including any use of toxic or other hazardous materials shall include proper storage, spill containment, application, and disposal.

- Wet weather measures shall be established by October 1st and continue to function through May 31st of the following year. Prior to discontinuing activities on any portion of the site between October 1 and May 31, any exposed area shall be stabilized within 7 days to prevent erosion. Between June 1 and September 30, the site must be stabilized within 30 days. Stabilization may occur by applying appropriate cover (e.g., mulch, erosion control blankets, binders, tackifiers) or establishing adequate vegetative cover.

- Prior to final project acceptance by the City, the site shall be permanently stabilized (seed and mulch or tackifier, or permanent landscaping). See Appendix F: City of Gresham Native Plant Restoration Guide as a resource. For subdivisions, temporary groundcover will be accepted if home construction will begin within 30 days of project finalization.

- The owner/permittee is responsible for removing all sediment control measures once permanent stabilization has been established. DEQ will not terminate the 1200-C permit until permanent vegetation is established.

Approval of this erosion and sediment control (ESC) plan does not constitute an approval of permanent road or drainage design (e.g. size and location or roads, pipes, restrictors, channels, retention facilities, utilities, etc.)

The implementation of these ESC plans and the construction, maintenance, replacement, and upgrading of these ESC facilities is the responsibility of the applicant/contractor until all construction is completed and approved and vegetation/landscaping is established.

The boundaries of the clearing limits shown on this plan shall be clearly flagged in the field prior to construction. During the construction period, no disturbance beyond the flagged clearing limits shall be permitted. The flagging shall be maintained by the applicant/contractor for the duration of construction.

The ESC facilities shown on this plan must be constructed in conjunction with all clearing and grading activities, and in such a manner as to insure that the sediment and sediment laden water do not enter the drainage system, roadways, or violate applicable water standards.

The ESC facilities shown on this plan are the minimum requirements for anticipated site conditions. During the construction period, these ESC facilities shall be upgraded as needed for unexpected storm events and to ensure that sediment and sediment-laden water do not leave the site.

The ESC facilities shall be inspected daily and after each storm event by the applicant/contractor and maintained as necessary to ensure their continued functioning.

The ESC facilities on inactive sites shall be inspected and maintained a minimum of once a month or within 48 hours following a storm event.

At no time shall more than one foot of sediment be allowed to accumulate within a trapped catch basin. All catch basins and conveyance lines shall be cleaned prior to paving. The cleaning operation shall not flush sediment-laden water into the downstream system.

Stabilized construction entrances shall be installed at the beginning of construction and maintained for the duration of the project. Additional measures may be required to insure that all paved areas are kept clean for the duration of the project.

Supplementary wet weather measures shall be in place and functioning by November 1 and remain operational until April 30th.

Supplementary wet weather measures are in addition to base measures. See Public Works Standards and City of Gresham Erosion and Sediment Control Plans Technical Guidance Handbook.

Supply Construction Schedule.

## Sediment Fences

The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and both ends securely fastened to the post.

The filter fabric fence shall be installed to follow the contours where feasible. The fence posts shall be spaced a maximum of 6 feet apart and driven securely into the ground a minimum of 24 inches.

When standard strength filter fabric is used, a wire support fence shall be fastened securely to the upslope side of the posts using heavy-duty wire staples at least 1-inch long, tie wire, or hog rings. The wire shall extend into the trench a minimum of 4 inches and shall not extend more than 36 inches above the original ground surface.

The standard strength filter fabric shall be stapled or wired to the fence, and 12 inches of fabric shall be extended into the trench. The fabric shall not extend more than 36 inches above the original ground surface. Filter fabric shall not be stapled to existing trees.

When extra-strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled or wired directly to the posts with all other provisions of the above standard note for standard strength filter fabric applying.

Sediment fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.

Sediment fences shall be inspected by applicant/contractor immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.