

## MINIMUM BUILDING PERMIT EROSION & SEDIMENT CONTROL REQUIREMENTS

During construction, soils are often exposed due to vegetation removal, excavation, and vehicles accessing developments via roads. Exposed soils can lead to erosion, with sediments being washed onto roads and into catch basins, storm sewers, ditches and streams. Sediment laden water can clog or damage the drainage system and is detrimental to fish health. In an effort to protect the integrity of Campbell River's drainage system and aquatic environments, homeowners and builders are required to ensure adequate erosion and sediment mitigation measures are in place and maintained prior to and for the duration of all construction activities.

### PRIOR TO CONSTRUCTION

Prior to starting any development on a site and as part of the building permit process, erosion and sediment control provisions must be in place.

- Install drop and / or curb inlet sediment barriers around any catch basins and drainage infrastructure that could be affected by runoff from the construction site;
- Sediment control barriers such as silt fencing or other equally effective and acceptable means shall be installed and maintained to protect ditches that could be subject to runoff from the construction site or dirt / debris tracked onto sidewalks or roads;
- With the building permit application, a completed Damage to Infrastructure Agreement shall be submitted confirming the adequate erosion and sediment protection has been installed and will be maintained throughout the duration of the project.

### DURING CONSTRUCTION

For the duration of a site's development erosion and sediment control measures shall remain in place and be maintained including preventative measures that ensures the proper functioning and protection of the drainage system.

- Sediment barriers shall be maintained or replaced as necessary to prevent material accumulations or loss of intended function;
- Roadways fronting the disturbed area are to be swept free and cleaned on a regular basis (once a day or more frequently during rain events). Flushing of the roadway is prohibited;
- Excavated/imported soils are not to be stockpiled or unloaded on road allowances, curbs, or sidewalks and if soils are stockpiled within the boundary of the lot, then the stockpiles must be covered with polyethylene sheeting that is weighted down. Breaks in the cover must be repaired immediately; and
- Temporary graded areas, such as housing lots, must be protected from erosion through the use of straw, mulch and/or polyethylene tarps in non-traffic areas and a gravel cap in zones of construction traffic. Final graded or landscaped areas must have the appropriate permanent surface protection or landscaping in place as soon as possible.
- Ensure provisions in place to protect engineered onsite swales (protected by easement) from damage or accumulation or stockpiling of materials.

### POST CONSTRUCTION

At the end of every construction project, including all site development, it will be the responsibility of the

property owner and builder to remove all erosion and sediment mitigation measures prior to return of the building permit security.

Should the City crews be required to, investigate, clean or repair any drainage system or road due to erosion and sediment provisions not being maintained as they relate to a development, the costs associated with this will be deducted from the building permit security.



### **OTHER RELATED INFORMATION**

**Damage to Infrastructure Agreement:** [https://www.campbellriver.ca/docs/default-source/planning-building-development/application-forms-guidlines/damage-to-infastructure-agreement.pdf?sfvrsn=8cd16d08\\_6](https://www.campbellriver.ca/docs/default-source/planning-building-development/application-forms-guidlines/damage-to-infastructure-agreement.pdf?sfvrsn=8cd16d08_6)

**Environmental Protection Bylaw:** [https://www.campbellriver.ca/docs/default-source/planning-building-development/application-forms-guidlines/damage-to-infastructure-agreement.pdf?sfvrsn=8cd16d08\\_6](https://www.campbellriver.ca/docs/default-source/planning-building-development/application-forms-guidlines/damage-to-infastructure-agreement.pdf?sfvrsn=8cd16d08_6)

**Works & Services Bylaw:** [https://www.campbellriver.ca/docs/default-source/document-library/bylaws/works-and-services-bylaw.pdf?sfvrsn=89f29f09\\_9](https://www.campbellriver.ca/docs/default-source/document-library/bylaws/works-and-services-bylaw.pdf?sfvrsn=89f29f09_9)

*For further information contact the Building Department at [building@campbellriver.ca](mailto:building@campbellriver.ca) or 250-286-5757*