



## **EROSION CONTROL PLANS**

### **Introduction**

Building Permit applications showing minor ground disturbance are required to submit the attached “Minimum Erosion and Sediment Control Standards and Measure” for over the counter permits.

Some applications may need to submit only the checklist, as the nature of the proposed improvements is considered limited in nature.

Erosion control improvements will be reviewed by the building inspector at the first inspection. Should the inspector find that good housekeeping and general erosion control methods are not being maintained at the site, inspection fees may be required to cover the costs of re-inspection. The fee is a minimum fee of \$145 and is billable at the approved staff hourly rate for any staff time expended beyond the minimum fee.

### **Regular Review Sites**

Applications requiring substantial ground disturbance need to submit the attached checklist and a site specific Erosion Control / Best Management Practices (EC/BMP) Plan consistent with California Stormwater Quality Association (CASQA) Standards. These BMPs shall be implemented on every construction site to ensure full functionality of the BMPs in preventing non-stormwater discharges from the construction sites. These improvements generally include, but are not limited to the following: Single Family Residences, Additions to Single Family Residences, Accessory Structures<sup>1</sup>, Assembly Occupancy Buildings, Attached Garages, Commercial Buildings, Covered Riding Arenas, Covered Stables, In-Ground Swimming Pools, Secondary Dwellings, etc.

This review includes a new requirement for all demolition permits to incorporate a site plan and demonstrate all demolition activity proposed, including existing ground cover on both the private property and all public and private rights-of-way.

Building Permit applications will be routed to the LDE Office by the Building Office for review and comment. Building Permits will not be issued until the above checklist and erosion control plan check comments are addressed on the permit plan set.

### **Erosion Control Plan Check Fee**

The Erosion Control Plan Check Fee is to incorporate most conventional building permits where conventional and more complicated structural and site development is proposed. The fee is a minimum fee of \$291 and is billable at the approved staff hourly rate for any staff time expended beyond the minimum fee.

### **Erosion Control Inspection Fee**

This inspection will be applied to all Building Permit projects where a plan check fee has been collected. The fee is a minimum of \$320 and is billable at the approved staff hourly rate for any staff time expended beyond the minimum fee.

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<sup>1</sup> Accessory Structures that are constructed with pole or post construction, with no continuous footing or slab, are excluded from Regular Review Sites.





## **MINIMUM EC/BMP PLAN REQUIREMENTS**

EC/BMP may be approved through permitting, but actual implementation of the BMPs in the field may require adjustment by the Owner or Owner's Representative to ensure effectiveness, and prevent any non-stormwater discharge. The following is a list of the minimum plan requirements to be submitted for review:

- The EC/BMP plans shall be clearly and legibly drawn and entitled "Erosion Control Plan."
- Each sheet shall be attached to the Building Plan Check set, no less than 8-1/2 inches by 11 inches in size, and in a standard engineering scale not smaller than one (1) inch equals fifty (50) feet.
- When not previously addressed in the Plan Set, each EC/BMP plan shall include the following information:
  - A North Arrow and Scale.
  - A vicinity sketch indicating the location of the site relative to the principle roads in the area.
- A site plan indicating the site of the work and any existing and proposed buildings, structures, and/or improvements, watercourses, storm drainage facilities, and construction access, more specifically described, but not limited to, the following:
  - Contour lines of the existing terrain at appropriate intervals shall be provided throughout the area where the proposed grading will occur. The contour lines shall be extended a minimum of twenty (20) feet on either side of the affected area.
  - Location of all site boundaries, easements, and all public and private rights-of-way within twenty (20) feet of the proposed disturbance. All Erosion Control work in the Santa Clara County right-of-way may require a County Roads & Airports Department Encroachment Permit. Separate fees may be required.
  - Locations of any existing or proposed roads, buildings, walls, watercourses, private sewage disposal systems, and other structures, facilities and features on the site and the locations of any improvements on adjacent land within twenty-five feet (25') of the proposed works.
- Location of cut and fill earthwork and slope transition lines for all the proposed grading work and limits of the disturbed ground.
- Location, width, direction of flow of swales, creeks, drainage channels, ponds or other bodies of water, and location of high banks of any watercourses.
- Proposed Construction BMPs required by the current CASQA Standard and Santa Clara County Ordinance. Please see the following web sites for typical details:

- Santa Clara County

<http://www.sccgov.org/sites/bos/legislation/Ordinance-code/pages/default.aspx>

- CASQA

<http://www.casqa.org/resources/bmp-handbooks> (Membership Required)

- Planting and/or seeding for the area affected.
- Location, type, size and drip line of all trees with a trunk diameter of twelve (12) inches or more, measured at a point four and five-tenths (4.5) feet above average ground level, within the development area or where the drip line of the tree is disturbed.

**Additional Information for this permit:**

- The attached application form, a completed BMP Checklist, and inspection fees.
- On the attached checklist, the following abbreviations are the intended for the Designers use:
  - OK = Detail Provided or Referred
  - NA = Not Applicable



County of Santa Clara  
**Development Services Office**

Building Inspection Office

Land Development Engineering and Surveying

**CHECK LIST FOR REGULAR EROSION CONTROL AND CASQA BMP'S**

		Designer	
		OK	NA
<b>1</b>	<b>Erosion Control</b>		
a	EC-1 Scheduling		
b	EC-2 Preservation of existing vegetation		
c	EC-3 Hydraulic mulch		
d	EC-4 Hydroseeding		
e	EC-5 Soil binders		
f	EC-6 Straw mulch		
g	EC-7 Geotextiles and mats		
h	EC-8 Wood mulching		
i	EC-9 Earth Dikes and Drainage swales		
j	EC-10 Velocity dissipation devices		
k	EC-11 Slope drains		
l	EC-12 Stream bank stabilization		
m	EC-14 Compost blankets		
n	EC-15 Soil preparation/roughening		
o	EC-16 Non-vegetative stabilization		
<b>2</b>	<b>Sediment Control</b>		
a	SE-1 Silt Fence		
b	SE-2 Sediment Basin		
c	SE-3 Sediment Trap		
d	SE-4 Check Dams		
e	SE-5 Fiber Rolls		
f	SE-6 Gravel Bag Berm		
g	SE-7 Street Sweeping and Vacuuming		
h	SE-8 Sandbag Barrier		
i	SE-9 Straw Bale Barrier		
j	SE-10 Storm Drain Inlet Protection		
k	SE-11 Active Treatment Systems		
l	SE-12 Manufactured Linear Sediment Controls (MLSC)		
m	SE-13 Compost Socks and Berms		
n	SE-14 Biofilter Bags		
<b>3</b>	<b>Tracking Control</b>		
a	TC-1 Stabilized Construction Entrance/Exit		
b	TC-2 Stabilized Construction Roadway		
c	TC-3 Entrance/Outlet Tire Wash		
<b>4</b>	<b>Wind Erosion Control</b>		
a	WE-1 Wind Erosion Control		
<b>5</b>	<b>Waste Management and Materials Pollution Control</b>		
a	WM-1 Material Delivery and Storage		
b	WM-2 Material Use		
c	WM-3 Stockpile Management		
d	WM-4 Spill Prevention and Control		
e	WM-5 Solid Waste Management		
f	WM-6 Hazardous Waste Management		
g	WM-7 Contaminated Soil Management		
h	WM-8 Concrete Waste Management		
i	WM-9 Sanitary/Septic Waste Management		
j	WM-10 Liquid Waste Management		

This checklist shows most Best Management Practices (BMPs) established by the California Storm Water Quality Association (CASQA). This checklist is provided to aid the designer in providing a list of commonly used BMPs and provide a referral to the published CASQA standard.