

# City of El Cajon

## Erosion and Sediment Control Plan Review Checklist

**Date Completed**

**Not Applicable**

### Vicinity Map

- |       |       |   |
|-------|-------|---|
| _____ | _____ | Major roadways, geographic features or landmarks. |
| _____ | _____ | Site perimeter.                                   |
| _____ | _____ | Geographic features.                              |
| _____ | _____ | General topography.                               |

### Site Characteristics

- |       |       |   |
|-------|-------|---|
| _____ | _____ | North arrow, scale, and site boundary. Indicate the name of adjacent streets or roadway.  |
| _____ | _____ | Location of existing drainage ways, channels, swales, creeks, streams on or near the site.  |
| _____ | _____ | Location of storm drain inlets, outlets, catch basins – proposed, existing, on-site, and within 100 feet of site.   |
| _____ | _____ | Location of existing and proposed buildings and paved areas.  |
| _____ | _____ | Show and label existing and proposed improvements (streets, sidewalks, curb/gutter, utilities, etc)   |
| _____ | _____ | The limits of the proposed disturbed area on the lot.   |
| _____ | _____ | Approximate gradient and direction of slopes before grading operations.   |
| _____ | _____ | Approximate gradient and direction of slopes after final grading operations.  |
| _____ | _____ | Disturbed area outlined and labeled. All sediment control devices must be shown within the disturbed limits.  |
| _____ | _____ | Overland runoff (sheet flow) coming onto the site from adjacent areas.  |
| _____ | _____ | Delineation of pre and post development drainage areas, number of acres, and the direction of flow for each drainage area before and after development must be shown. Use separate plan sheets for clarity. |

### Erosion Control Practices

- |       |       |  |
|-------|-------|--|
| _____ | _____ | Location of temporary soil piles   |
| _____ | _____ | Note: soil storage pile should be placed behind a sediment fence, 10-foot (minimum) wide vegetative strip should be covered with a tarp, or placed more than 25 feet from any down slope road or drainage way. |
| _____ | _____ | Location of gravel access drive(s).  |
| _____ | _____ | Note: Gravel drive should have 3 to 6 inch aggregate stone laid at least 10 feet wide and 12 inches thick. Drives should extend from the roadway 50 feet or to the house foundation (whichever is less).       |
| _____ | _____ | Location of sediment controls (filter fabric fence, straw bale fence or 10-foot wide vegetative strips) that will prevent eroded soil from leaving the site.   |
| _____ | _____ | Location of sediment barriers around on-site storm drain inlets.   |

**Date Completed**      **Not Applicable**

\_\_\_\_\_      \_\_\_\_\_      Location of diversions.  
  
Note: Concentrated flow (drainage ways, ditches, channels, brow ditches) shall be diverted (re-directed) around disturbed areas. Overland runoff (sheet flow) from adjacent areas greater than 10,000 sq. ft. shall also be diverted around disturbed areas.

\_\_\_\_\_      \_\_\_\_\_      Location of practices that will be applied to control erosion on steep slopes that have been disturbed at any time by clearing, grading, or landscaping - slopes more than five feet in height, more than two hundred fifty square feet in total area, and steeper than three to one (run-to-rise).  
  
Note: Unstabilized drainage ways, ditches, channels, diversions, and inlets shall be protected from erosion through use of such practices as in-channel fabric or straw bale barriers, erosion control mats, staked sod, and rock riprap. When used, a given in-channel barrier should not receive drainage from more than two acres of unpaved area, or one acre of paved area. In-channel practices should not be installed in perennial streams (streams with year-round flow.)

\_\_\_\_\_      \_\_\_\_\_      Show Erosion Control Plan heading and standard notes.

\_\_\_\_\_      \_\_\_\_\_      Label all sediment control devices.

\_\_\_\_\_      \_\_\_\_\_      Show Standard details for sediment control devices.

\_\_\_\_\_      \_\_\_\_\_      No sediment control devices are to be located where water will damage building foundations.

\_\_\_\_\_      \_\_\_\_\_      Detail drawings and specifications for structural practices – any structural practices used must be illustrated with detailed drawings containing all dimensions and specifications. (i.e. de-silting basins)

\_\_\_\_\_      \_\_\_\_\_      Location of other planned practices not already noted. (Material Storage WM-1, Concrete Washout WM-8, Sanitary Waste WM-9, Solid Waste Storage WM-5)

\_\_\_\_\_      \_\_\_\_\_      Temporary stabilization of disturbed areas.

\_\_\_\_\_      \_\_\_\_\_      Note: disturbed areas and soil piles left inactive for more than 10 days be stabilized by seeding (between April 1<sup>st</sup> and September 1<sup>st</sup>), or by other cover, such as tarping or mulching.  
Permanent stabilization of site by re-vegetation or other means as soon as possible (lawn establishment).

\_\_\_\_\_      \_\_\_\_\_      Indicate re-vegetation method:      Seed \_\_\_\_      Sod \_\_\_\_      Other \_\_\_\_\_  
Expect date of permanent re-vegetation:  
Re-vegetation responsibility of Builder \_\_\_\_      Owner/Buyer  
Is temporary seeding or mulching planned if site not seeded by September 1<sup>st</sup>  
or sodded by October 1<sup>st</sup> ?      Yes \_\_\_\_      No \_\_\_\_

\_\_\_\_\_      \_\_\_\_\_      Use of downspouts and/or sump pump outlet extensions to direct runoff away from structures and onto sod or pavement until vegetation is stable. Downspouts shall be permanently to grass areas.

\_\_\_\_\_      \_\_\_\_\_      Proper disposal of building material waste so that pollutants and debris are not carried off-site by wind or water.

\_\_\_\_\_      \_\_\_\_\_      Maintenance of erosion control practices during construction:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Phone & Fax: \_\_\_\_\_

- Sediment will be removed from behind sediment fences and barriers before it reaches a depth that is equal to half the barrier's height.
- Breaks and gaps in sediment fences and barriers will be repaired immediately.
- All sediment that moves off-site due to construction activity will be cleaned up before the end of the same workday.
- All sediment that moves off-site due to storm events will be cleaned up before the end of the next workday.
- Gravel access drives will be maintained throughout construction.
- All installed erosion control practices will be maintained until the disturbed areas they protect are stabilized.