

**EROSION AND SEDIMENT CONTROL:  
STREAMLINING METHODS FOR FIELD CHANGES AND APPROVALS**

*July 5, 2006*

The following items can be used as a guideline for streamlining the approval process for field changes that are related to the requirements of the Erosion and Sediment Control Program (ESCP). The three levels of classifications that are being proposed that have specific criteria established for review and approval of field modifications or adjustments are Insignificant, Minor and Major.

**Insignificant:**

Responsible party or their designated representative can revise the implementation of an approved Erosion and Sediment Control Plan (ESCP) by reviewing proposed changes in the field with the PW Environmental Inspector. The ESCP does not need to be modified and the implemented changes will be documented by the Environmental Inspector on their Erosion and Sediment Control (ESC) inspection forms.

1. Tracking station realignment and/or relocation based on site conditions and actual field use.
2. Straw bale barrier realignment and/or relocation to better fit the actual contours on site.
3. Silt fence relocation to improve performance based on site conditions.
4. Interchangeable approved inlet protection BMPs.
5. Relocation of stockpile location and/or material storage areas.
6. Removal of inlet protection during approved winter time periods if alternate sediment control measures are employed.
7. Temporary removal of minor sediment barriers that may conflict with certain phases of construction activities.
8. Extension of the one month use of surface roughening as an erosion control measure.
9. Relocation of concrete washout area.
10. Modifications of construction schedules may be made so long as the appropriate BMP's are in place.

**Minor:**

Design engineer can revise approved ESCP without City approval by manually redlining and dating the ESCP and submit revised copies to the responsible party and the PW Engineering Division.

1. The removal of inlet protection provided that any discharge of polluted storm water is directed to streets, storm sewers and construction sediment basins privately owned, operated and maintained by the construction site owner.
2. Silt fence and silt ditch may be interchangeable if the Professional Engineer submits the alternate engineering design plate to the responsible party for proper installation.
3. Silt fence or silt ditch may be replaced by wattles when soil disturbance activities are completed and disturbed areas have been seeded and mulched but have not reached final stabilization.
4. The removal of a construction BMP from the site due to changes in site conditions. Examples:
  - a. Removal of minor sediment barriers (e.g. straw bales, silt fence, silt ditch, wattles) after grading operations has changed elevations such that storm water would no longer flow to the sediment barrier.
  - b. Removal of sediment traps or sediment basins if the site has completed the planned build out and disturbed areas have achieved final stabilization and build out by area or lot is 90% or greater.
  - c. Removal of check dams for the installation of a non-erodible swale lining.
  - d. Removal of slope diversion dike when new grades divert all necessary disturbed areas to properly designed sediment entrapment facility rendering the dikes unnecessary.
5. Changes in the shape/dimensions (not capacity) of sedimentation traps or basins.
6. Interchangeable approved structural devices and materials:
  - a. Sediment basin filter structures (riser pipe and rock/horseshoe filter),
  - b. Outlet protection (Rip rap replaced with an approved alternate e.g. concrete cable mats).
7. Sediment Basin removal or reduced in size as development phases are completed.

## **Major:**

Design engineer must resubmit a complete formal ESCP including plans sheets, narrative, and engineering standard detail plates with proposed revisions to the PW Engineering Division for review and approval.

1. Any proposed change or modification to an approved ESCP that is not specifically listed as insignificant or minor in this guidance document shall be automatically classified as a major change.

Changes to this guideline will be considered on a case by case basis with the City having final approval on an annual basis. Recommendations for changes to the guidance document shall be submitted in writing to the PW Engineering Division.