



## City of Riverbank

Erosion and Sediment Control Plan (ESCP)  
Worksheet for Small Construction Projects



Project Name: SWIMMING POOL @ 777 PLUNGE AVENUE

**1 Project Information**

Project Name:	Swimming Pool Installation @ Smith Residence
Project Address:	777 Plunge Ave., MSHsville, CA
Project Size: (Indicate sq. ft. or acres)	2,500 ft <sup>2</sup>
Anticipated Construction Start Date:	June 1, 2015
Anticipated Construction End Date:	July 3, 2015
Approximate Soil Disturbance: (Indicate sq. ft or acres)	3,000 ft <sup>2</sup>
Number of Storm Drain Inlets within 50 ft. of the soil disturbance.	1

**2 Owner Information**

Name:	John Smith
Address:	777 Plunge Ave., MSHsville
Phone Number:	(209) 334-5363
Email:	John.Smith@gmail.com

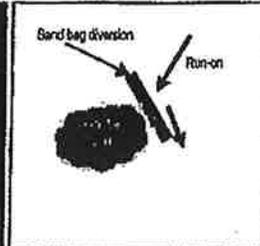
**3 Contractor Information**

Name:	Doug Digger
Company Name:	Digger's Digging Service
Address:	587 Excavation Way, MSHsville
Phone Number:	(209) 334-5374
Email:	doug.digger@I dig.com

## 4 Best Management Practices

### 4.1 Run-On Control BMPs

When surface flow of storm water runoff is allowed to pass through disturbed soils at an active construction project, it can mobilize sediment and carry it into the municipality's storm drainage system and into the local receiving waters. This results in deposition of sediment in the municipal drainage system which causes more frequent maintenance and can cause flooding. The sediment is also harmful to the local waterways.



Does storm water have the potential to run-on to the construction site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, will storm water surface flow be diverted around any disturbed soil areas? Show how it will be diverted on the site map.	<input type="checkbox"/> Yes <input type="checkbox"/> No <b>NA</b>

### 4.2 Erosion Control BMPs

The definition of erosion is the detachment of soil particles. These particles can become detached by rain, wind, or construction activity. Although construction, by nature, disturbs soil, it is vital to place a temporary or permanent covering over disturbed soil as soon as possible. Projects are not allowed to leave areas of exposed soil that do not have a cover. On the table below and on the site map show how you will prevent erosion at your project.

CASQA Fact Sheet	BMP Name	BMP Selected? (Check Box)	Describe the BMP to be implemented. If not used, state the reason why.
EC-1	Scheduling (work will be conducted during the dry season)	✓	6/1 - 7/3
EC-2	Preservation of Existing Vegetation (existing vegetated areas will not be disturbed)	✓	Lawn & landscaping to be protected
EC-4	Area to be vegetated with landscaping, turf, or hydroseeding	✓	Lawn & landscaping damaged will be replaced
EC-7	Temporary Erosion Control using an erosion control blanket or geotextile	✓	Plastic sheeting if necessary
EC-6 & EC-8	Area covered with a temporary or permanent mulch including straw, wood, compost, hydromulch, or equivalent	✓	In landscaped areas
EC-16	Non-Vegetated Stabilization (covered with aggregate, paving, permanent structures / surfaces)	✓	Pool and concrete surfaces around pool.
WE-1	Wind Erosion Control (kept moist to prevent wind erosion)	✓	Water by hose as necessary

### 4.3 Temporary Sediment Control BMPs

Sediment control is accomplished by two ways. First, giving sediment every opportunity to settle out of storm water runoff while still on the project. Second, remove sediment from surfaces that has been carried or tracked off site before it enters the municipal drains. Each project must have effective perimeter sediment control. Drain inlets within 50 feet of the project must be protected. Any visible track out or sedimentation onto municipal property must be removed as soon as possible. On the table below and on the site map show how you will control sediment at your project.

CASQA Fact Sheet	BMP Name	BMP Selected? (Check Box)	Describe the BMP to be implemented. If not used, state the reason why.
SE-1	Temporary Silt Fence		Not needed
SE-2 or SE-3	Sediment basin or trap (all or some of the storm water drains to a retention pond or basin where sediment can settle out)		Not needed
SE-5	Temporary Fiber Rolls / Straw Wattles		Not needed
SE-6 or SE-8	Temporary Gravel Bag Berm or Sand Bag Barrier	✓	At DI area at lawn perimeter
SE-7	Street Sweeping (inspect roads and sidewalks daily and sweep as necessary)	✓	Manual sweeping as needed
MS4 Standard	Curb cutback (maintain a minimum of 4 inches of elevation difference between the disturbed soil and the top of the existing curb, sidewalk, or paved surface)		Not needed
SE-10	Temporary Drain Inlet Protection (mandatory for any DI's within 50 feet of the project)	✓	Gravel bags
SE-13	Compost Socks / Biofilter Bags		Not needed
MS4 Standard	Stabilized Construction Exit - Constructed with aggregate at the project owner's specification, but it must be effective in controlling trackout.		Not needed
TC-2	Stabilized Construction Roadways	✓	Equipment & vehicles parked in the street
WM-03	Stockpile Management (stockpiles that have not been actively used in the last 14 days must be covered with an erosion control blanket or plastic sheeting and contained with a fiber roll or gravel bag berm)	✓	As needed, but not anticipated

**4.4 Non-Storm Water Pollution Control BMPs**

The City ordinances prohibit the discharge to its municipal drainage system of any wash water, unpermitted construction site dewatering, saw-cutting or grinding slurries, unpermitted hydrotest water, chlorinated swimming pool or fountain water, concrete or paint wash out, or spills of hazardous materials or other substances. On the table below, list any of the activities that may apply to your project, and on the site map show the location of these activities.

CASQA Fact Sheet	BMP Name	Activity Planned? (Yes/No)	Describe the BMP to be implemented. If not used, state the reason why.
NS-3	Paving, Sealing, Saw-cutting, Coring, and Grinding Operations	No	not a part of the project
NS-7	Potable Water / Irrigation Testing and Discharge to the Municipal Drainage System	No	not anticipated
NS-8	Vehicle and Equipment Cleaning Performed on Site	No	not allowed on-site
NS-9 & WM-04	Vehicle and Equipment Fueling Performed on Site	No	not allowed on-site
NS-10	Vehicle and Equipment Maintenance Performed on Site	No	not allowed on-site
NS-12/13 & WM-08	Concrete, Stucco, Plaster, Tile, or Masonry Work	Yes	Concrete/plaster wash out boxes to be hauled off
WM-09	Temporary Sanitary Waste Facilities (port-a-potties)	Yes	contained & secured
WM-01	Storage of Hazardous Materials on the Project Site (paints, solvents, acids, fuel, lubricants, etc.)	No	All product used are kept on vehicles and taken off site each day

5 Site Map (draw map below or attach another map)

