

# City of Ripon – Engineering Department

259 North Wilma Avenue, Ripon, California 95366

Phone: (209) 599-2108 Fax: (209) 599-2685



## Erosion and Sediment Control Plan (ESCP)

### SAMPLE ESCP – SWIMMING POOLS

• Date Submitted:

#### SECTION 1 – PROJECT INFORMATION

• Project Type (Check):  Addition  Demo  Driveway-Add/Remove  New Construction  Sidewalk – New/Repair  
 Swimming Pool  Other

• Project Street Address:  • City/State/Zip:

• Project Size (indicate SF or acres):  • Anticipated Start Date:  • Anticipated End Date:

• Approx. Soil Disturbance (indicate SF or acres):  • # of Storm Drain Inlets within 50 ft. of soil disturbance:

• Does project require other permits or requirements?  Yes  No If yes, check all that apply.

NPDES General Construction Permit (NOI & SWPPP required)  Dept. of Fish & Game Section 1600 Agreement (Streambed Alteration)  
 NPDES Industrial General Permit  Waste Discharge Requirements (non-federal State waters)  
 MS Phase II Permit (ESCP and/or Post Development Stds)  Irrigated Lands Regulatory Program (commercial Ag)  
 U.S. Army Corps 404 Permit (Clean Water Act)  Low or Limited Threat NPDES Permit (de-watering groundwater)  
 State Water Board 401 Permit (Water Quality Certification)

#### SECTION 2 - PROPERTY OWNER INFORMATION

• Name:

• Mailing Address:

• City/State/Zip:

• E-mail:

• Phone No.:

#### SECTION 3 - CONTRACTOR INFORMATION

• Company Name:

• Mailing Address:

• City/State/Zip:

• E-mail:

• Phone No.:

• Contact Person:

#### SECTION 4 – BEST MANAGEMENT PRACTICES

**SECTION 4.1 - RUN-ON CONTROL BMP's.** 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?  Yes  No
- If yes, will storm water surface flow be diverted around any disturbed soil areas?  Yes  No



**SECTION 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)	Choose the BMP to be implemented from dropdown or insert own description. If not used, state reason why.	FOR OFFICE USE ONLY				
				Minimum Requirement (1)	BMP in Plan Narrative		BMP on Site Map (If no, explain)	
					Yes	No	Yes	No
EC-1	Scheduling (work will be conducted during the dry season)	<input checked="" type="checkbox"/>	DD/MM/YYYY – DD/MM/YYYY	✓				
EC-2	Preservation of Existing Vegetation (Existing vegetated areas will not be disturbed)	<input checked="" type="checkbox"/>	Lawn & Landscaping to be protected	✓ <sup>(3)</sup>				
EC-4	Area to be vegetated with landscaping, turf or hydro seeding	<input checked="" type="checkbox"/>	Damaged Lawn & Landscaping to be replaced	✓ <sup>(3)</sup>				
EC-7	Temporary Erosion Control using an erosion control blanket or geotextile	<input checked="" type="checkbox"/>	Plastic Sheeting as needed	✓ <sup>(3)</sup>				
EC-6 & EC-8	Area covered with a temporary or permanent mulch including straw, wood, compost, hydro mulch, or equivalent	<input checked="" type="checkbox"/>	In landscaped areas	✓ <sup>(3)</sup>				
EC-16	Non-Vegetated Stabilization (covered with aggregate, paving, permanent structures/surfaces)	<input checked="" type="checkbox"/>	Pool & Concrete Surface around pool	✓ <sup>(3)</sup>				
WE-1	Wind Erosion Control (kept moist to prevent wind erosion)	<input checked="" type="checkbox"/>	Water by hose as needed	✓				

**SECTION 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 have 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)	Choose the BMP to be implemented from dropdown or insert own description. If not used, state reason why.	FOR OFFICE USE ONLY				
				Minimum Requirement (1)	BMP in Plan Narrative		BMP on Site Map (If no, explain)	
					Yes	No	Yes	No
SE-1	Temporary Silt Fence	<input type="checkbox"/>	Not Needed	✓(4)				
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)	<input type="checkbox"/>	Not Needed					
SE-5	Temporary Fiber Rolls/Straw Wattles	<input type="checkbox"/>	Not Needed	✓(4)				
SE-6 or SE-8	Temporary Gravel Bag Berm or Sand Bag Barrier	<input checked="" type="checkbox"/>	At Drain Inlet & at Lawn Perimeter	✓(4)				
SE-7	Street Sweeping (inspect roads and sidewalks daily and sweep as necessary)	<input checked="" type="checkbox"/>	Manual Sweep as needed	✓				
MS4 Standard	Curb cutback (maintain a min. of 4" of elevation difference between the disturbed soil and the top of the existing curb, sidewalk, or paved surface)	<input type="checkbox"/>	Not needed	✓(4)				
SE-10	Temporary Drain Inlet Protection (mandatory for any DI's within 50 feet of the project)	<input checked="" type="checkbox"/>	Gravel Bags	✓				
SE-13	Compost Socks / Biofilter Bags	<input type="checkbox"/>	Not Needed					
MS4 Standard	Stabilized Construction Exit – Constructed with aggregate at the project owner's specification, but it must be effective in controlling trackout.	<input type="checkbox"/>	Not Needed	✓				
TC-2	Stabilized Construction Roadways	<input checked="" type="checkbox"/>	Equipment & Vehicles park on streets					
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)	<input checked="" type="checkbox"/>	As needed, not anticipated					

**SECTION 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 hydro test 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)	Choose the BMP to be implemented from dropdown or insert own description. If not used, state reason why.	FOR OFFICE USE ONLY				
				Minimum Requirement (1)	BMP in Plan Narrative		BMP on Site Map (If no, explain)	
					Yes	No	Yes	No
NS-3	Paving, Sealing, Saw-cutting, Coring, and Grinding Operations Waste Management	No	N/A	✓				
NS-7	Portable Water /Irrigation Testing and Discharge to the Municipal Drainage System	No	N/A	✓				
NS-8	Vehicle and Equipment Cleaning Waste Management	No	Not allowed on-site	✓				
NS9 & WM-04	Vehicle and Equipment Fueling Waste Management	No	Not allowed on-site	✓				
NS-10	Vehicle and Equipment Maintenance Waste Management	No	Not allowed on-site	✓				
NS-12/13 & WM-08	Concrete, Stucco, Plaster, Tile, or Masonry Work Waste Management	Yes	Concrete/Plaster wash out boxes to be hauled off	✓				
WM-09	Temporary Sanitary Waste Facilities (port-a-potties)	Yes	Contained & Secure					
WM-01	Storage of Hazardous Materials on the Project Site (paints, solvents, acids, fuel, lubricants, etc.)	Yes	All products used are kept on vehicles & taken off site each day	✓				

**Footnotes**

(1) Not all minimum requirements may be applicable to every project. Applicability to a specific project shall be determined by the QSD.

(2) Use of alternative BMPs must have QSD approval.

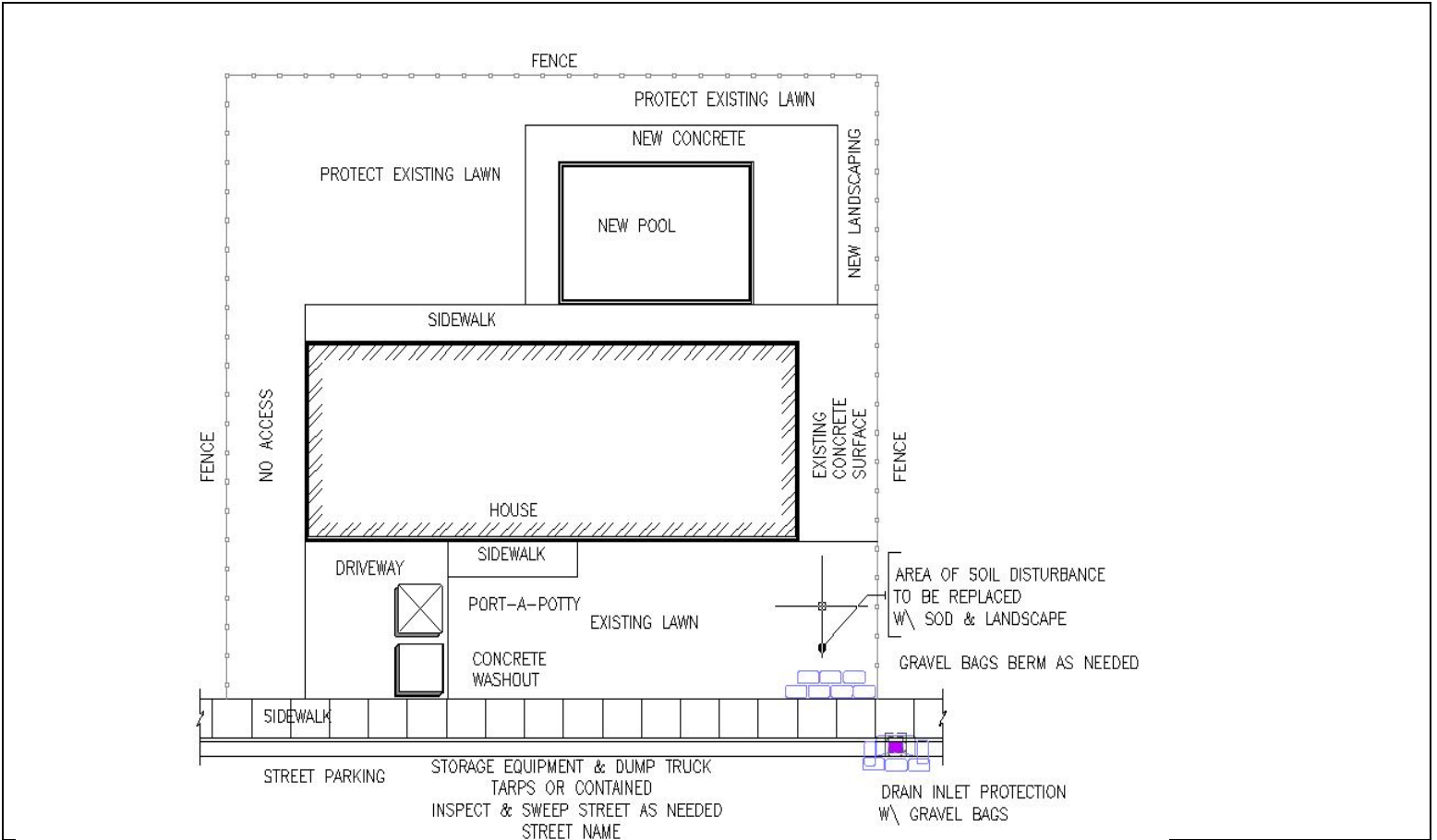
(3) Must use at least one of these control measures to establish effective cover of all areas of soil disturbance after 14 days of inactivity.

(4) Must use at least one of these control measures to maintain effective perimeter control where surface water may flow offsite.

The receiving water, the Stanislaus River, is listed on 303d list for sediment and does not have the beneficial uses of Cold, Spawn & Migratory.

## SECTION 5 – SITE MAP

A basic site map showing the project boundaries, adjacent streets, storm drain inlets, placement of BMPs, and where construction work will be occurring is required to be included. **All BMPs checked and/or Activities Planned are required to be included on map. Draw map below or attach another map.**



**CALL THE ENGINEERING DEPARTMENT AT (209) 599-2108 AT LEAST 48 HOURS PRIOR TO STARTING ANY WORK AND FOR EACH INSPECTION REQUEST, INCLUDING FINAL INSPECTION**

## SECTION 6 – FOR OFFICE USE ONLY

### PLAN ASSESSMENT

**1. Check One**

- Approved and no changes are needed
- Approved with the following MINOR revisions
  - 
  - 
  -
- NOT** Approved. Requires the following corrections/revisions:
  - 
  - 
  -

**2. Reviewed By:** \_\_\_\_\_  
Name Date

**3. Certification: (Check One)**

- QSD No. 83415
- Working under QSD Supervision  
 Supervising QSD Name/No.: Elizabeth Quilici/83415

**4. BP/EP # (if applicable):** \_\_\_\_\_

**IF NOT APPROVED, APPLICANT TO RETURN CORRECTED ESCP TO ENGINEERING DEPARTMENT**

### INSPECTION INFORMATION

**1. Pre-Construction Inspection required?**  Yes  No

\_\_\_\_\_  
Inspected By Date

**2. Inspection Dates/Notes**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**3. Project Completion**

All disturbed areas have been stabilized and all temporary erosion and sediment control measures that are no longer needed have been removed as required by local construction site storm water control ordinance?  Yes  No

\_\_\_\_\_  
Inspected By Date