

# Preliminary Storm Water Mitigation Plan Worksheet

NPD-005

**PURPOSE:** This form is used to provide information about Standard Urban Storm Water Mitigation Plan (SUSMP) applicable projects. Two (2) copies of this form must be submitted with two (2) copies of the Preliminary Storm Water Mitigation Plan as part of the planning permit application.

Applicant:  Owner  Engineer  Architect  
 Landscape Architect  Contractor  Developer

Project Site Information:

Name \_\_\_\_\_

Street Address \_\_\_\_\_

Mailing Address \_\_\_\_\_

City/Town \_\_\_\_\_

City/Town \_\_\_\_\_ State/Zip \_\_\_\_\_

Assessor's Parcel Number \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Permit Number(s) \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Type of Application:

- Subdivision  Grading Permit  Building Permit  
 Use Permit  Design Review  Other

## I. SUSMP Project Description Worksheet

This worksheet provides fundamental information about the project. The information will be used in understanding the extent of the project and reviewing the project.

1. Total Lot or Parcel area: \_\_\_\_\_ square feet or \_\_\_\_\_ acres.

2. Existing land use(s):

- Commercial  Industrial  Residential  Public  Agricultural  Vacant

Please describe: (number of buildings, use of buildings)

\_\_\_\_\_

3. Proposed land use(s):  Commercial  Industrial  Residential  Public  Other

Please describe: (number of buildings, use of buildings)

\_\_\_\_\_

4. Does the project include any of the following? (check all that apply):

- Vehicle cleaning for fleets or commercial facilities  
 Vehicle cleaning for multifamily residential developments  
 Vehicle repair/maintenance  
 Outdoor process activities (examples of businesses that have outdoor process activities include machine shops, auto repair shops, and industries that have pretreatment facilities)  
 Fuel dispensing areas  
 Food service  
 Refuse disposal areas

5. Describe / name any water body(ies) that will receive storm water flows from the project (Include both the immediate receiving water body, and water bodies further downstream):

\_\_\_\_\_

6. Are any hydrologic features on or directly adjacent to project site? (Examples of hydrologic features include wetlands, seeps, springs, natural waterways, modified natural waterways, constructed channels.)

- No  Yes (If yes, describe / name):

\_\_\_\_\_

7. Will a new storm drain outfall be constructed as part of the project?

- No  Yes (If yes, describe / name):

\_\_\_\_\_

### Sonoma County Permit and Resource Management Department

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8. Identify natural features located on site (check all that apply and indicate existing and proposed square footage)

Natural Feature	Existing Size	Proposed Size	Size Change
	Choose: <input type="checkbox"/> Square Feet <input type="checkbox"/> Acres		Indicate decrease with -symbol
<input type="checkbox"/> Riparian area <sup>1</sup>			
<input type="checkbox"/> Wetland			
<input type="checkbox"/> Steep slopes (10% or greater)			
<input type="checkbox"/> Areas of native vegetation			
<input type="checkbox"/> Areas containing tree canopy			
<input type="checkbox"/> Other:			

9. Attach the project site plan to this completed Project Description Worksheet. At a minimum, site plans must include: (see form CSS-019)
- Date, scale, legend and north arrow
  - Lot lines
  - Locations of existing buildings, structures and impervious surfaces
  - Proposed buildings, structures, impervious surfaces and storm water
  - Best Management Practices (BMPs) device or structures
  - Existing contours and proposed grades
  - Locations of existing and proposed natural features (as identified in item 8)
  - Locations of proposed landscaping
  - Locations of proposed activities of concern (as identified in item 4)

## II. SUSMP Impervious Surface Worksheet

Complete at the planning permit application stage. Project phasing to decrease impervious surface area shall not exempt the project from SUSMP requirements. Incorrect impervious area calculations may delay processing of your project application(s) and/or permit(s).

Type of Impervious Surface Impervious surfaces are all areas where improvements result in a ground surface that significantly limits natural percolation rates including, but not limited to, asphalt, cement, pavers, buildings, and plastic liners	Pre-Project Impervious Surface	Project Impervious Surface		Total of New and Reconstructed Impervious Surface
		New	Reconstructed	
	Choose: <input type="checkbox"/> Square Feet <input type="checkbox"/> Acres			
Main building footprint, including attached garage				
Detached garage, carport, shed, other misc. structures				
Patio, impervious decking, pavers and impervious liners				
Impervious driveway, parking lot				
Streets, roads, sidewalks and other defined walkways				
Off-site impervious improvements	Not Applicable			
<b>Total impervious surface in square feet</b>				

Check box if the total of new impervious surface plus any reconstructed impervious surface is greater than or equal to:  One (1) acre (43,560 square feet).

If the total of new impervious surface plus any reconstructed impervious surface is greater than or equal to one (1) acre (43,560 square feet), a Storm Water Mitigation Plan is required.

<sup>1</sup> Riparian area means the streambank and floodplain between a stream (or other body of water) and the adjacent upland area.

### III. SUSMP Proximity to Waterway(s) Worksheet

Complete at the planning permit application stage for all projects that require a discretionary permit, including any ministerial permits that are based on the discretionary permit, and that are directly adjacent<sup>2</sup> to a natural waterway<sup>3</sup>, modified natural waterway<sup>4</sup>, or constructed channel<sup>5</sup>. Incorrect information regarding a waterway or channel may delay your project application(s) and/or permit(s).

Method for determining proximity (check all that apply):

- Conducted site visit
- USGS map name \_\_\_\_\_
- Consulted agency personnel (name and agency) \_\_\_\_\_

Type of Waterway	Name of Waterway or other identifier	Directly adjacent to project?
Natural waterway		<input type="checkbox"/> Yes <input type="checkbox"/> No
Modified natural waterway		<input type="checkbox"/> Yes <input type="checkbox"/> No
Constructed channel		<input type="checkbox"/> Yes <input type="checkbox"/> No

### IV. SUSMP Pollutants of Concern Worksheet

This worksheet is used to identify potential pollutants of concern associated with land use and to propose Best Management Practices (BMPs) to reduce pollution of storm water. BMP means a device or program that improves storm water quality. BMPs that prevent storm water from becoming polluted are called source controls. BMPs that remove pollutants from storm water are called treatment controls.

Identify the proposed source and treatment controls intended to reduce pollutants to the maximum extent practicable. Alternatively, explain why the pollutant is not anticipated to be generated by the proposed project.

Check a box to indicate proposed land use.

Land Use	Potential Pollutants of Concern	Proposed BMPs
<input type="checkbox"/> Lawns, Landscaping and Parks	Sediment (coarse and fine), Nutrients (dissolved and particulate), Pesticide, Pathogens, Trash and Debris	
<input type="checkbox"/> Parking lot(s), Driveways	Sediment (fine), Metals (dissolved and particulate), Total Petroleum Hydrocarbons (TPH), Trash	
<input type="checkbox"/> Road Improvements (e.g. left turn lane)	Sediment (coarse and fine), Metals (dissolved and particulate), TPH, Polynuclear Aromatic Hydrocarbons (PAHs), Trash and Debris	
<input type="checkbox"/> Commercial (e.g. wineries, office buildings)	Sediment (coarse and fine), Nutrients (dissolved and particulate), Pesticides	
<input type="checkbox"/> Food-related Commercial (restaurants)	Pathogens, Oil and Grease, Trash	
<input type="checkbox"/> Animal-related Commercial (e.g. dog grooming, horse stables)	Pathogens	
<input type="checkbox"/> Auto-related Commercial (repair shops, dealerships)	Metals (dissolved and particulate), TPH, PAHs, Surfactants	
<input type="checkbox"/> Industrial (e.g. metal processing, manufacturing facilities)	Sediment (coarse and fine), Metals (dissolved and particulate), TPH, PAHs, Polychlorinated Biphenyls (PCBs), Ph, Surfactants	

I declare that to the best of my knowledge, the information presented herein is accurate and complete.

Signature \_\_\_\_\_ Date \_\_\_\_\_

<sup>2</sup> "Directly Adjacent" (County of Sonoma) means within a parcel of land that includes or is contiguous with a Natural Waterway, Modified Natural Waterway, or Constructed Channel; and some portion of the proposed development on said parcel must be within 100 feet of the top of bank, and drainage from the proposed development must flow towards and enter a waterway or channel.

<sup>3</sup> "Natural Waterway" means any natural stream of water flowing in a definite course or channel and possessing a bed and banks. It is not necessary that the flow of water be continuous throughout the year. Natural waterways do not include artificially created channels for storm waters, such as street gutters, roadside ditches, and drainage facilities installed in connection with the development of property.

<sup>4</sup> "Modified Natural Waterway" means any natural waterway that has been modified while retaining significant riparian vegetation, fish, wildlife habitat, and/or scenic values. Modified natural waterways do not include artificially created channels for storm waters, such as street gutters, roadside ditches, and drainage facilities installed in connection with the development of property.

<sup>5</sup> "Constructed Channel" means all waterways that are not in closed conduits and do not meet the definition of a "Natural Waterway" or "Modified Natural Waterway". Constructed Channels also include landscaped constructed waterways. Constructed Channels do not include street gutters, roadside ditches, and drainage facilities installed in connection with the development of property.