



## STORMWATER MANAGEMENT PLAN CONTENT

### ***Draft Stormwater Management Plan (Entitlement)***

The stormwater management plan is a separate sheet(s) that must be included in the plan set. Ensure consistency with grading, drainage, utilities, landscape, and architectural plans. The applicant is responsible for coordinating with Zone 7 Water Agency to ensure that any infiltration-based stormwater controls do not pose a threat to groundwater quality.

The items listed below must be provided in the stamped and signed stormwater management plan. More information on how to develop stormwater management plan may be found in the Clean Water Program's C.3 Technical Guidance Manual which may be found at <https://cleanwaterprogram.org/>.

### **Stormwater Management Plan (SWMP) Content**

- a. All existing natural hydrologic features (depressions, names of watercourses, etc.).
- b. Proposed site uses and corresponding structural pollutant source controls:
 

✓ Loading docks	✓ Outdoor process areas
✓ Fueling areas	✓ Outdoor material storage areas
✓ Vehicle wash areas	✓ Outdoor equipment cleaning areas
✓ Vehicle repair & maintenance areas	
- c. Identify soil type(s) and native soil infiltration rate(s) at proposed stormwater control(s) locations.
- d. Identify depth to groundwater.
- e. Provide a hydrology exhibit superimposed onto a site plan which includes:
 

✓ Proposed topographic contours with drainage areas and sub areas delineated.
✓ Stormwater controls for each drainage management area (DMA), including dimensions (length x width) and surface ponding depths. <b>NOTE:</b> Provide only one stormwater treatment measure per DMA. Include offset dimensions for irregularly shaped treatment measures.
- f. Provide a table listing the following for each drainage area:
 

✓ Drainage area ID	✓ Total drainage area size (ft. <sup>2</sup> )
✓ Total impervious surface area (ft. <sup>2</sup> )	✓ Type of Treatment Measure & ID #
✓ Treatment area hydraulic sizing method	✓ Treatment measure lined or unlined
✓ Treatment area required (ft. <sup>2</sup> )	✓ Ponding depth (inches)
✓ Treatment area provided (length x width measurement for flat bottom ponding area)	
- g. Preliminary stormwater treatment hydraulic-sizing calculations.
- h. Preliminary hydromodification management plan (if applicable) identifying facility locations. Show coordination with stormwater treatment measures and flood control, as necessary and provide a preliminary Bay Area Hydrology Model (BAHM) report.
- i. Preliminary full trash capture plan.
- j. Project specific details drawn to scale of all proposed stormwater controls.
- k. Provide a list of the plant species to be included in the stormwater controls. If selected plants deviate from the City of Dublin plant list available at <https://dublin.ca.gov/DocumentCenter/View/34418/> or the C.3 Technical Manual explain why the plants were selected and the traits that make them suitable for use in stormwater controls.

### ***Final Stormwater Management Plan (Building Permit and Improvement Plans)***

The final SWMP must include an update of items provided in the draft SWMP. The final SWMP must be prepared by a civil engineer and must include hydraulic-sizing calculations and BAHM report, as applicable. The SWMP is subject to review and approval by the City.