



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 treatment measures do not pose a threat to groundwater quality. Include the following items in the draft stamped and signed stormwater management plan:

- a. All existing natural hydrologic features (depressions, names of watercourses, etc.).
- b. Proposed site uses and corresponding structural pollutant source controls:
 - ✓ Loading docks
 - ✓ Fueling areas
 - ✓ Vehicle wash areas
 - ✓ Vehicle repair & maintenance areas
 - ✓ Outdoor process areas
 - ✓ Outdoor material storage areas
 - ✓ Outdoor equipment cleaning areas
- c. Identify existing soil type(s) and native soil infiltration rate(s) at proposed treatment measure 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.
 - ✓ Corresponding stormwater treatment measures for each drainage management area, including treatment measure dimensions (length x width) and surface ponding depths. NOTE: Provide only one (1) stormwater treatment measure per drainage management area. Include offset dimensions for irregularly shaped treatment measures.
- f. Provide a table listing the following for each drainage area:
 - ✓ Drainage area ID
 - ✓ Total impervious surface area (ft.²)
 - ✓ Treatment area hydraulic sizing method
 - ✓ Treatment area required (ft.²)
 - ✓ Treatment area provided (length x width measurement for flat bottom ponding area)
 - ✓ Total drainage area size (ft.²)
 - ✓ Type of Treatment Measure & ID #
 - ✓ Treatment measure lined or unlined
 - ✓ Ponding depth (inches)
- g. Preliminary stormwater treatment hydraulic-sizing calculations.
- h. Project specific details drawn to scale of all proposed stormwater treatment measures.
- i. Preliminary hydromodification management plan (if applicable) identifying detention/retention facility locations and details. Show coordination with stormwater treatment measures and flood control, as necessary and provide a preliminary BAHM report.

Final Stormwater Management Plan (Building Permit and Improvement Plans)

The final stormwater management plan (SWMP) must include all items listed in the Draft SWMP. The final SWMP must be prepared by a civil engineer and must include final hydraulic-sizing calculations and BAHM report in accordance with the most recent NPDES permit. The SWMP and associated calculations are subject to review and approval by the City.