

PHASE I TERM 4 NPDES/MS4 BOUNDARY

Intent of Use

The intent of the revised National Pollutant Discharge Elimination System (NPDES) boundary is to update the boundary to the United States Department of Agriculture's (USDA) delineation of the Mark West Creek Watershed encompassing the perimeter of the Laguna de Santa Rosa Watershed, the State of California Regional Water Quality Control Board's R1 (North Coast Region) RB2 (San Francisco Bay Region) interior boundary, the expanded Healdsburg and Graton General Plan 2020 Urban Service Area (USA) boundaries and based on the General Plan 2020 USA, the four new Phase 2 to Phase 1 areas of Forestville, Occidental, Monte Rio, and Guerneville. In addition, the City of Cloverdale and City of Sebastopol Limits were integrated into the perimeter of the boundary to complete the total area considered Phase I Term 4 NPDES boundary.

The boundary will be used to determine areas subject to special NPDES storm water requirements to improve water quality. In particular this boundary will assist in determining where low impact development post-construction best management practices (LID BMPs) are required to improve water quality. In addition, the map is a requirement of the North Coast Region Water Quality Control Board, Santa Rosa, in order for the County of Sonoma to reapply for coverage to discharge storm water from local Municipal Separate Storm Sewer System (MS4) into waters of the state as part of the NPDES Phase I, Term 4 permit renewal.

Background

The National Pollutant Discharge Elimination System (NPDES) was originally created as an amendment to the Clean Water Act (CWA) in 1972 and established a permit program to control water pollution by regulating the discharge of pollutants into waters of the United States. Initially, NPDES permits focused on regulating point source pollution which originates from a definite source, such as industrial facilities, and discharges at a specific point. In the early 1970s, only one third of the nation's waters were considered safe for fishing and swimming. Through the advancement of CWA and NPDES, two-thirds of the nation's waters were considered safe by the mid 1990s.

NPDES is a federally mandated program that is implemented and enforced locally. Currently, all construction sites disturbing 1 or more acres of soil must obtain an NPDES General Permit from the State Water Resources Control Board (SWRCB). The County of Sonoma has obtained Municipal Separate Storm Sewer System (MS4) permits from the North Coast Regional Water Quality Control Board (NC RWQCB) and the San Francisco Bay Regional Water Quality Control Board (SF RWQCB).



1" = 1.5 Miles

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Mendocino County

Lake County

Napa County

Marin County

Solano County

LEGEND

WATERSHED BOUNDARY DATASET

- Water Quality Control Board
- Phase 1 Term 4 NPDES/MS4 Boundary
- Phase 2 Term 1 NPDES Boundary

To note, the County has NPDES jurisdiction on all lands in the unincorporated Sonoma County whereas the respective cities have NPDES jurisdiction of all incorporated lands.

BASE MAP DATA

- City Limit
- Parcel
- US Federal Highway
- State Highway
- Main Arterials

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