

ATTACHMENT 2: WATERSHED FACT SHEET Spy Rock Hydrologic Subarea

Hydrologic Information

Hydrologic Unit (HU): Eel River

Hydrologic Area (HA): Middle Main Eel River

Hydrologic Subarea (HSA): Spy Rock

HU/HA/HSA Number: 111.42

Beneficial Uses

Existing and potential beneficial uses for the HSA, as identified in Chapter 2 of the Basin Plan include the following:

MUN Municipal and Domestic Supply
AGR Agricultural Supply
IND Industrial Service Supply
PRO Industrial Process Supply
GWR Groundwater Recharge
FRSH Freshwater Replenishment
NAV Navigation
POW Hydropower Generation
REC-1 Water Contact Recreation
REC-2 Non-Contact Water Recreation
COMM Commercial and Sport Fishing
WARM Warm Freshwater Habitat
COLD Cold Freshwater Habitat
WILD Wildlife Habitat
RARE Rare, Threatened, or Endangered Species
MIGR Migration of Aquatic Organisms
SPWN Spawning, Reproduction, and/or Early Development
AQUA Aquaculture

Additionally, CUL – Native American Culture; FLK – Flood peak attenuation/Flood Water Storage; WET – Wetland habitat applies to all watersheds where those uses exist and have the potential to exist.

Impairments/Total Maximum Daily Loads

Watershed: Middle Main Eel River

Clean Water Act section 303(d)-listed impairments to water quality and/or beneficial uses: Sediment and Temperature

Total Maximum Daily Loads: In 2005, the United States Environmental Protection Agency adopted technical TMDLs for the Middle Mainstem Eel River. The primary adverse impacts associated with excessive sediment supply and elevated temperature in the Middle Mainstem Eel River pertain to the anadromous salmonid fishery.

TMDL Program of Implementation: As part of Regional Water Board's efforts to control sediment waste discharges and restore sediment impaired water bodies, the Regional Water Board adopted the *Total Maximum Daily Load Implementation Policy Statement for Sediment Impaired Receiving Waters in the North Coast Region*, which is also known as the Sediment TMDL Implementation Policy, on November 29, 2004. This Policy was adopted through Resolution R1-2004-0087. The Sediment TMDL Implementation Policy directs the Executive Officer to use "all available authorities, including existing regulatory standards and permitting and enforcement tools, to more effectively and efficaciously pursue compliance with sediment-related standards by all discharges of sediment waste". The goals of the policy are to control sediment waste discharges to impaired water bodies so that the TMDLs are met, sediment water quality objectives are attained, and beneficial uses are no longer adversely affected by sediment.

The Middle Main Eel River temperature TMDL assigned temperature load allocations corresponding to solar radiation loads that occur when riparian vegetation is at full potential growth conditions. With the goal of establishing actions that achieve those TMDL load allocations, the Basin Plan *Action Plan to Address Elevated Water Temperatures in the Eel River Watershed* identifies implementation actions. On non-federal lands, parties conducting activities associated with agriculture that discharge waste or have the potential to discharge waste shall implement riparian management measures that meet the riparian shade load allocations (shade consistent with full potential vegetation conditions) and water quality standards.

Additional information may be found at the Regional Water Board TMDL project page: https://www.waterboards.ca.gov/northcoast/water_issues/programs/tmdls/