



Sonoma Water

Clean. Reliable. Essential. Every Day.

Overview of Environmental Compliance for the Stream Maintenance Program

FLOOD CONTROL ZONE 2A ADVISORY
COMMITTEE MEETING

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Environmental Compliance

- Stream Maintenance Program (SMP)
 - Main activities:
 1. Sediment management
 2. Vegetation management
 3. Bank stabilization
- What requirements apply to the SMP?
 - Federal, State, and Local laws and regulations



Environmental Regulations

- **A few that apply to the SMP:**
 - Clean Water Act
 - California Porter-Cologne Water Quality Control Act
 - Magnuson-Stevens Fishery Conservation and Management Act
 - Endangered Species Act
 - California Endangered Species Act
 - Migratory Bird Treaty Act
 - National Historic Preservation Act
 - And more!



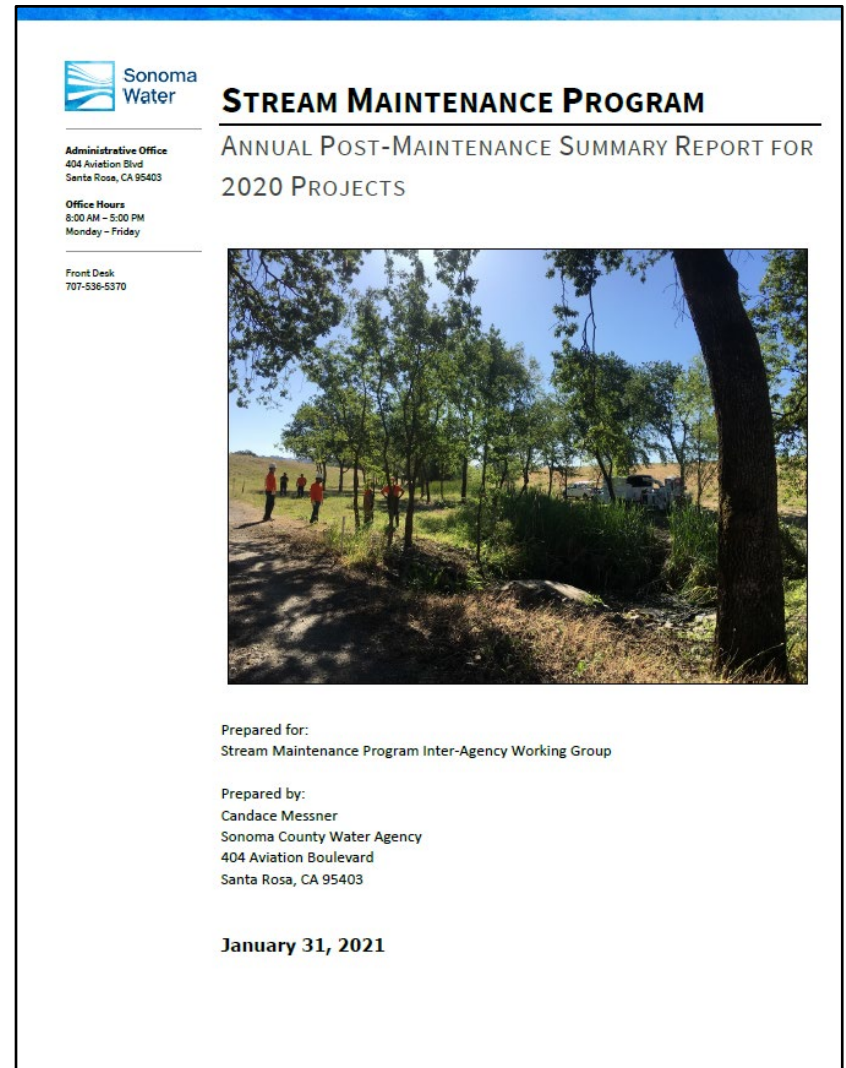
SMP Permits

1. California Department of Fish and Wildlife
2. National Marine Fisheries Service
3. North Coast Regional Water Quality Control Board
4. San Francisco Bay Regional Water Quality Control Board
5. U.S. Army Corps of Engineers
6. U.S. Fish and Wildlife Service



SMP Environmental Compliance

- Annual projects notification and reporting
- Annual permit fees
- Annual tour and meetings with regulating agencies



SMP Environmental Compliance

- **Impact Avoidance and Minimization Measures**

- Intended to avoid and reduce impacts to protected resources
- Impact all stages of stream maintenance (planning, implementation, and post-implementation)
- Implementation and results are tracked and reported
 - Timing of Work
 - General impact avoidance and minimization
 - Air quality
 - Biological resources (including species-specific measures)
 - Cultural resources
 - Construction and seismicity
 - Hazardous materials safety
 - Vegetation management
 - Water quality and channel protection
 - Good neighbor policies



SMP Environmental Compliance

- **Compensatory Mitigation**
 - On-site restoration
 - Off-site restoration
 - Watershed Partnership Program Administration
 - Native tree replacement
 - Mitigation Monitoring
 - Five-year requirement



Recent accomplishments and current environmental compliance items

- Approval of SMP Database for reporting
- Approval of passive restoration techniques
- Renewed 401 Certification for Zones 2A and 3A (obtained April 2021)
- Renewed U.S. Army Corps of Engineers permit (in process, anticipated April 2022)



Interested in learning more about environmental compliance for the SMP?

Additional information is available in our Stream Maintenance Program Manual (2020)

Available online at:

<https://www.sonomawater.org/stream-maintenance-program>

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Thank you for your time! Questions?



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