

# Tahoe-Sierra Stormwater Resource Plan

## Relevant Documents

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### Projects

1. 2016 Tahoe Sierra IRWM Project list, criteria and ranking
  - a. Storm Water Projects
  - b. Restoration Projects
  - c. Water Supply Projects
2. City and County Capital Improvement Plans
3. Lake Tahoe Environmental Improvement Program (EIP) 5-year project list

### Metrics

1. Lake Tahoe EIP Project Tracker Performance Measure Information Sheets (1-38)
2. Spreadsheet or model tools used to assess project priorities for IRWMP or for grant funding applications

### GIS Data

1. Lahontan RWQCB TMDL GIS Land-use layer
  - a. Land use layers for areas outside the Tahoe Basin
2. USGS Hydrogeology of the Lake Tahoe Basin Study Area Boundary GIS Layer
3. USGS Hydrogeologic Groupings of the Lake Tahoe Basin GIS Layer
4. USGS Delineated Aquifer Boundaries of the Lake Tahoe Basin GIS Layer
5. USGS Lake Tahoe Basin Geophysical Data GIS Layer
6. USGS watershed boundaries (HUC-12)
7. Calwater watershed boundaries
8. TRPA GIS Data
9. Municipality boundaries
10. Water utility service boundaries
11. Wastewater utility service boundaries
12. Storm drain infrastructure system mapping (outfalls, culverts, pump stations, treatment facilities, etc)
13. Parks, open space and preserves
14. Roads, parking lot and other transportation infrastructure (impervious surface)
15. Groundwater basin boundaries within the Tahoe and Sierra region
16. Land use agency jurisdiction
17. Federal lands (USFWS, USFS, BLM)
18. Disadvantaged communities
19. Habitat types
20. Surface water resources

### Multi-benefit References

1. Ground-Water Resources Inventory of the Lake Tahoe Basin, 2007
2. City of South Lake Tahoe General Plan
3. TRPA Lake Tahoe AIS Management Plan 2014
4. TWSA 2016 Watershed Control Program Annual Report

## Lake Tahoe Basin References

1. Tahoe Regional Planning Agency Regional Plan
  - a. TRPA Lake Tahoe Water Quality Management Plan
2. Tahoe Regional Planning Agency Code of Ordinances
3. Lake Tahoe TMDL Report, Nov 2015
4. Lake Tahoe NPDES (National Pollutant Discharge Elimination System) Permit No. CAS000004 (Order No. 2013-0001 – DWQ) for Small MS4s (Municipal Separate Storm Sewer System permit) issued by the State of California
  - a. City of South Lake Tahoe Municipal Stormwater Permit (Board Order No. R6T-2011-101A1, NPDES No. CAG616001) (Might not be relevant)
5. City of South Lake, El Dorado County and Placer County - Tahoe specific Stormwater Management Plans
6. The City of South Lake Tahoe Code for Urban Runoff and Stormwater Quality Management Ordinance
7. City of South Lake Tahoe Pollutant Load Reduction Plan and Long Term Pollutant Load Reduction Strategy
8. SWQIC Interim Guidance Paper for Formulating and Evaluating Alternatives – Tahoe Basin Water Quality Improvement Programs
9. Tahoe City and South Tahoe Public Utility Districts Urban Water Management Plans

## Tahoe-Sierra Region References

1. Tahoe Sierra Integrated Regional Water Management Plan (TSIRWM Plan)
2. The Water Quality Control Plan for the Lahontan Region (Basin Plan) (amended by Resolution R6T-2008-0019 to include the TMDL for sediment for the Middle Truckee River).
3. Lahontan RWQCB Watershed Management Initiative Chapter
4. Placer County Stormwater Management Plan (eastside non Tahoe Basin)
5. El Dorado County Baseline Pollutant Load Estimate Report (2011)
6. Coordinated Watershed Management Strategy for the Middle Truckee River watershed
7. Truckee River Water Quality Management Plan (TRWQMP) and Annual Report (2009-2015)
8. Town of Truckee General Plan
9. Town of Truckee Public Improvement and Engineering Standards
10. Town of Truckee Development Code, Section 18.30.050 Drainage and Stormwater Runoff
11. Town of Truckee Building Code, Section 15.03.170
12. Town of Truckee, Municipal Code, Title 11, Storm Water Ordinance
13. Town of Truckee Clean Water Program
14. Donner Basin Watershed Final Report
15. Truckee River Operating Agreement
16. Truckee Donner Public Utility District Urban Water Management Plan

## Relevant Water Code Sections 10560 et seq.

1. Water Code Section 10562(b)(1): Be developed on a watershed basis
2. Water Code Section 10562(b)(2): Identify and Prioritize stormwater and dry weather runoff projects
3. Water Code Section 10562(b)(3): Provide for multiple benefit project designs
4. Water Code Section 10562(b)(4): Provide for community participation
5. Water Code Section 10562(b)(5): Consistent with existing TMDL Plans and NPDES permits
6. Water Code Section 10562(b)(6): Be consistent with all applicable waste discharge permits
7. Water Code Section 10562(b)(7): Be submitted and incorporated into applicable IRWM
8. Water Code Section 10562(b)(8): Prioritize use of public lands and easements
9. Water Code Section 10562(d)(1): Identify beneficial use of runoff for groundwater recharge
10. Water Code Section 10562(d)(2): Identify opportunities for source control and infiltration
11. Water Code Section 10562(d)(3): Identify projects to mimic natural drainage and infiltration
12. Water Code Section 10562(d)(4): Identify projects to enhance habitat
13. Water Code Section 10562(d)(5): Identify opportunities to utilize public land and easements
14. Water Code Section 10562(d)(6): Identify effective design criteria
15. Water Code Section 10562(d)(7): Identify activities that general pollution
16. Water Code Section 10562(d)(8): Decision support tools for multiple benefits
17. Water Code Section 10562(d)(9): Ordinances and other mechanisms for effective implementation
18. Water Code Section 10562(3): Utilize measureable factors to prioritize projects.

## Relevant chapters of the TRPA Code of Ordinances.

1. Chapter 15 outlines requirements for the Environmental Improvement Program (EIP), which is designed to attain, maintain, or surpass environmental thresholds through implementation of projects and programs. The TRPA Stormwater Management Program is a component of the EIP.
2. Chapter 30 limits the amount of impervious surface that can occur based on the environmental sensitivity of a parcel.
3. Chapter 33 restricts grading activities seasonally to limit soil disturbance and sets standards for vegetation protection during construction.
4. Chapter 35 prohibits development and disturbance within the 100-year flood plain.
5. Chapter 60 protects water resources through requirements for water quality standards, source water protection and Best Management Practices on developed parcels.
6. Chapter 61 outlines vegetation protection and management requirements and provisions for soil protection.