

#	Agency/Organization	Project Title	Project Category - Restoration	Project Category - Stormwater/Flood Control	Project Category - Water Supply/Wastewater	Project Description
22	Alpine County	Markleeville Creek Floodplain Restoration Project	X	--	--	The project will 1) restore the natural stream channel and floodplain to improve geomorphic function and reconnect the stream to its historic floodplain, and 2) relocate and replace aging sewer infrastructure in the floodplain to reduce the threat of water quality impairments from flooding and sewer leaks, and 3) provide public access and recreations features including walking trails and interpretive signage.
16	Alpine Watershed Group	Grover Hot Springs State Park Meadow Restoration and ADA Access	X	--	--	The meadow within Grover Hot Springs State Park is a critical natural reservoir that sustains late season flow in the East Carson River. The park is important to the economy of Alpine County and is a popular local and tourist attraction. A poor trail system and social trailing has de watered and introduced weed into large areas of the meadow. This project will develop 1900' of elevated ADA trail along with an accessible platform, improve 1,000 of existing trails, convert 9000' of abandoned road to trail, and remove 4,400' of select trails that impact the meadow. Weeds introduced by social trailing will be removed. An ADA accessible interpretive / educational areas will be developed.
13	American Rivers	Hope Valley Meadow Restoration	X	--	--	Restoration of Hope Valley meadow in the upper West Fork Carson River to enhance the full range of ecosystem services this highly visible and well know meadow has potential to provide including: natural water storage, flood attenuation, cooling and filtering of water, aquatic and riparian habitat, and recreational values. Restoration activities include stabilizing high, bare streambanks using vegetation and toe stabilization techniques, creating floodplain benches, protecting a meander bend from cutting off, stabilizing headcuts on tributaries, and creating standing water depressions for improved fish and bird habitat.
15	California Tahoe Conservancy	Upper Truckee River and Marsh Restoration	--	X	--	The South Tahoe Greenway Shared Use Trail phases 1 and 2, is a 2.5 mile class one trail segment in the core of South Lake Tahoe, providing linkages through sensitive environments and one of the most populated portions of region. It is considered a high priority project in completing the bicycle network in South Lake Tahoe. Creating an integrated bicycle/pedestrian network is central to providing alternatives to private automobile use, resulting in decreased vehicle miles traveled and improved air quality and water quality. Specific water quality improvements result from reduced atmospheric deposition of organic and inorganic particles from automobile use, along with a reduction in sediment sources through removal of existing eroding dirt trails. In the longer term, a fully integrated bicycle/pedestrian network is seen as a foundational element to implementation of the Regional Plan, resulting in reduced coverage and improved watershed functioning.
18	California Tahoe Conservancy	Upper Truckee River and Marsh Restorations	X	--	--	The California Tahoe Conservancy (Conservancy), Bureau of Reclamation (Reclamation), and Tahoe Regional Planning Agency (TRPA) are pursuing a restoration project along the most downstream reach of the Upper Truckee River (UTRM), at the mouth of Lake Tahoe. The UTRM Restoration Project is identified in TRPA's Environmental Improvement Program (EIP) as a project that is necessary to restore and maintain environmental thresholds, including water quality for the Lake Tahoe Basin. The 592-acre study area is located in South Lake Tahoe, California. It consists of parcels owned by the Conservancy and private landowners. The primary purpose of the UTRM Restoration Project is to restore natural geomorphic processes and ecological functions along this reach of river while providing recreation access. The project will reconnect the UTR to the wetlands and floodplains and so remove sediment and other suspended particles by allowing sediment-laden water to pass through densely vegetated floodplains and wetlands.
5	City of South Lake Tahoe	Bijou Area Erosion Control Project (Bijou Project)	--	X	--	The project includes water quality treatment for and replacement of a 50 to 60 year old stormwater outfall discharging directly to Lake Tahoe. The outfall is located within the densely developed Highway 50 commercial corridor, which discharges high pollutant load runoff directly to Lake Tahoe with no treatment.
6	City of South Lake Tahoe	Ruby Way - Overlook Court	--	X	--	Water quality and erosion control project that will address surface runoff conditions. Existing site conditions include an undersized storm drain collection and conveyance system that is overwhelmed during high intensity storm recurrences. Project work will include adding in additional storm drain inlets, adding subsurface storm drain pipes that will connect to an under- utilized rock-lined channel, and constructing a series of linear storm drain detention basins that will also allow infiltration of stormwater. Project improvements will redirect urban stormwater runoff into existing surface and subsurface conveyance systems; thereby, removing overland surface flow that is causing significant erosion.
7	City of South Lake Tahoe	Sierra Tract Erosion Control Project, Phase 3/4	--	X	--	The water quality improvements proposed for the project include source control, hydrologic control, and treatment controls such as parking deterrents, concrete curb and gutter, drainage inlets, sediment traps, storm drain piping, infiltration trenches, vegetated basins, infiltration basins and infiltration galleries. This project is being designed in close coordination with a Caltrans Water Quality Improvement Project that is located adjacent to the Sierra Tract Erosion Control Project, Phase 3 and 4 and shares multiple common stormwater facilities.
8	City of South Lake Tahoe	Sierra Boulevard	--	X	--	The Sierra Boulevard Project addresses multiple classifications that include an important water quality (EIP) component. As a complete streets project, the City of South Lake Tahoe projet will address stormwater quality issues while providing bicycle and pedestrian facilities. The project area along Sierra Boulevard currently drains to the Upper Truckee River and is lined by unimproved and unprotected roadway shoulders that are frequently used by pedestrians and cyclists. Roadside shoulders consist of compacted soils that are tracked onto the pavement surface, ground into fine powder and suspended in stormwater runoff.
9	City of South Lake Tahoe	South Lake Tahoe Integrated Roadway Management Strategy	--	X	--	The proposed project includes includes two mobile BMP strategies through the purchase of two high efficiency sweepers and an automated spreader to reduce the use of roadway abrasives; the project also includes the construction of a sweeper cleanout facility and a brine mixing facility for roadway de-icing fluids to further reduce the use of sediment generating roadway abrasives.

Table will be formatted to be ledgible if the information contained is wanted and propose to be included as an appendix.

#	Current Project Stage - Assessment and Evaluation	Current Project Stage - Final Design	Current Project Stage - Environmental Documentation (CEQA/NEPA)	Current Project Stage - Permitting	Current Project Stage - Construction Contracting	Current Project Stage - Construction Implementation	Agency/Organization	Project Title	Requested Grant Amount	Capital - Total Cost
19	--	--	--	--	--	X	Lukins Brothers Water Company, Inc.	Meter Conversion	\$ 2,770,000	\$ 2,770,000
41	--	--	--	--	--	X	Truckee River Watershed Council	Truckee River Residential Voluntary BMP Implementation	\$ 350,000	\$ 507,500
42	--	--	--	--	--	X	Truckee River Watershed Council	TMDL Monitoring for the Truckee River	\$ 150,000	\$ 150,000
44	--	--	--	--	--	X	South Tahoe Public Utility District	Regional Water Conservation Programs	\$ 500,000	\$ 600,000
45	--	--	--	--	--	X	Town of Truckee	Water Quality Monitoring	\$ 625,000 / 5 years	\$ 625,000 / 5 years
55	--	--	--	--	X	--	Squaw Valley Public Service District	Aquifer Monitoring	\$ 50,000	\$ 65,000
59	--	--	--	--	X	--	Squaw Valley Public Service District	Well 3 Replacement	\$ 550,000	\$ 750,000
2	--	--	--	X	X	X	South Tahoe Public Utility District	BMP Implementation on STPUD Operating Sites	\$ 397,000	\$ 496,250
14	--	--	--	X	X	X	South Tahoe Public Utility District	Iroquois Pond SEZ Restorations	\$ 266,250	\$ 266,250
23	--	--	--	X	X	X	South Tahoe Public Utility District	Mountain View Well Ground Water Protections	\$ 238,000	\$ 297,500
26	--	--	--	X	X	X	Tahoe Resource Conservation District	Regional Aquatic Invasive Species Prevention, Control and Monitoring	\$ 3,000,000	\$ 3,850,000
46	--	--	--	X	X	X	South Tahoe Public Utility District	Waterlines - Sierra Tract, Brockway, Black Bart	\$ 1,500,000	\$ 1,875,000
13	--	--	X	X	--	--	American Rivers	Hope Valley Meadow Restoration	\$ 375,000	\$ 850,000
10	--	X	--	--	--	--	City of South Lake Tahoe	Tahoe Valley Stormwater Improvement Project (SWIP)	\$ 750,000	\$ 750,000
20	--	X	--	--	--	--	Lukins Brothers Water Company, Inc.	Waterline Replacement 2a	\$ 1,450,000	\$ 1,550,000
21	--	X	--	--	--	--	Lukins Brothers Water Company, Inc.	Waterline Replacement 7a	\$ 700,000	\$ 700,000
25	--	X	--	--	--	--	South Tahoe Public Utility District	Tahoe Keys Force Main Bypass	\$ 700,000	\$ 875,000
37	--	X	--	--	--	--	Truckee River Watershed Council	Johnson Canyon Restoration	\$ 225,000	\$ 300,000
38	--	X	--	--	--	--	Truckee River Watershed Council	Lacey Meadows Restoration	\$ 1,500,000	\$ 1,500,000
39	--	X	--	--	--	--	Truckee River Watershed Council	Martis Watershed Restoration Plan Implementation	\$ 750,000	\$ 1,000,000
50	--	X	--	--	--	--	North Tahoe Public Utility District	Carnelian Woods Tanks Site EIPs	\$ 737,618	\$ 737,618
52	--	X	--	--	--	--	North Tahoe Public Utility District	Kingswood West Tank Site EIPs	\$ 88,660	\$ 88,660
15	--	X	--	--	X	X	California Tahoe Conservancy	Upper Truckee River and Marsh Restoration	\$ 7,520,000	\$ 8,443,300
7	--	X	X	--	--	--	City of South Lake Tahoe	Sierra Tract Erosion Control Project, Phase 3/4	\$ 350,000	\$ 3,912,500
17	--	X	X	--	--	--	Friends of Squaw Creek	Lower Squaw Creek Restoration Project	\$ 1,400,000	\$ 1,400,000
22	--	X	X	--	--	--	Alpine County	Markleeville Creek Floodplain Restoration Project	\$ 1,550,000	\$ 1,600,000
35	--	X	X	--	--	--	Truckee River Watershed Council	Dry Creek Restorations	\$ 450,000	\$ 665,000
32	--	X	X	X	--	--	Town of Truckee	Trout Creek Trail	\$ 4,000,000	\$ 5,000,000
27	--	X	X	X	X	X	Tahoe Resource Conservation District	Small-scale Testing of Micro Stormwater Infiltration Systems	\$ 300,000	\$ 375,000
1	X	--	--	--	--	--	Town of Truckee	Aquatic Invasive Species Programs	\$ 1,000,000	\$ 1,000,000
4	X	--	--	--	--	--	Town of Truckee	Truckee Coldstream Culvert Replacement Program	\$ 2,000,000	\$ 2,500,000
6	X	--	--	--	--	--	City of South Lake Tahoe	Ruby Way - Overlook Court	\$ 150,000	\$ 150,000
8	X	--	--	--	--	--	City of South Lake Tahoe	Sierra Boulevard	\$ 750,000	\$ 2,500,000
11	X	--	--	--	--	--	El Dorado County	Meyers SEZ and Erosion Control Project	\$ 550,000	\$ 550,000
12	X	--	--	--	--	--	El Dorado County	Olyng Erosion Control Project	\$ 225,000	\$ 247,500
16	X	--	--	--	--	--	Alpine Watershed Group	Grover Hot Springs State Park Meadow Restoration and ADA Access	\$ 351,000	\$ 627,000
30	X	--	--	--	--	--	Tahoe Resource Conservation District	Analyzing LiDAR data to identify Micro Stormwater Infiltration Systems (MSIS) for the whole Lake Tahoe Basin	\$ 100,000	\$ 125,000
34	X	--	--	--	--	--	Town of Truckee	Truckee River Legacy Trail	\$ 4,000,000	\$ 4,000,000
47	X	--	--	--	--	--	Town of Truckee	West River Street Site Redevelopment and River Revitalization	\$ 7,200,000	\$ 22,325,000
48	X	--	--	--	--	--	Town of Truckee	West River Street	\$ 1,000,000	\$ 3,000,000
49	X	--	--	--	--	--	Tahoe City Public Utility District	West Lake Tahoe Regional Water Treatment Plant	\$ 7,000,000	\$ 8,544,911
51	X	--	--	--	--	--	North Tahoe Public Utility District	Dolly Varden Water Main Replacement Projects	\$ 1,200,000	\$ 1,200,000
56	X	--	--	--	--	--	Squaw Valley Public Service District	Squaw Valley Mutual Water Co. Intertie	\$ 135,000	\$ 155,000
57	X	--	--	--	--	--	Squaw Valley Public Service District	Squaw Creek Siphon	\$ 200,000	\$ 250,000
58	X	--	--	--	--	--	Squaw Valley Public Service District	Truckee River Siphon	\$ 400,000	\$ 500,000
60	X	--	--	--	--	--	Squaw Valley Public Service District	Redundant Water Supply	\$ 2,765,000	\$ 3,685,000
3	X	--	--	--	--	X	Town of Truckee	Permanant BMP Implementation, Inspection, and Maintenance Programs	\$ 500,000	\$ 550,000
29	X	--	--	--	--	X	Tahoe Resource Conservation District	Regional Landscape Conservation Measures for Lake Tahoe	\$ 450,000	\$ 562,500
53	X	--	--	--	X	X	Washoe Tribe of Nevada and California	Woodfords Community Wastewater Infrastructure Upgrades	\$ 600,000	\$ 600,000
18	X	--	X	--	--	--	California Tahoe Conservancy	Upper Truckee River and Marsh Restorations	\$ 3,880,000	\$ 5,880,000
31	X	--	X	--	--	X	Tahoe Resource Conservation District	Regional Stormwater Monitoring Program	\$ 850,000	\$ 1,062,500
28	X	--	X	X	--	X	Tahoe Resource Conservation District	Goundwater Monitoring to support nearshore management	\$ 190,000	\$ 237,500
5	X	X	--	--	--	--	City of South Lake Tahoe	Bijou Area Erosion Control Project (Bijou Project)	\$ 500,000	\$ 500,000
9	X	X	--	--	--	--	City of South Lake Tahoe	South Lake Tahoe Integrated Roadway Management Strategy	\$ 1,145,500	\$ 1,145,500
33	X	X	--	--	--	--	Town of Truckee	Trout Creek Restoration	\$ 13,100,000	\$ 14,200,000
54	X	X	--	--	X	X	Washoe Tribe of Nevada and California	Woodfords Community Water Infrastructure Upgrades	\$ 600,000	\$ 600,000
24	X	X	X	--	--	--	Town of Truckee	Town of Truckee Stormwater Management and Retrofits	\$ 8,700,000	\$ 43,700,000 / 5 years
36	X	X	X	--	--	--	Truckee River Watershed Council	First 4 Mile Restoration Project	\$ 360,000	\$ 410,000
43	X	X	X	--	--	--	Truckee River Watershed Council	Truckee Wetlands Restoration	\$ 1,250,000	\$ 1,250,000
40	X	X	X	--	X	--	Truckee River Watershed Council	Non-native Invasive Plan Species	\$ 150,000	\$ 210,000

#	Project Title	Project Description	Objectives - WQ1: Meet approved TMDL standards in accordance with the attainment date, and participate in the development of future TMDLs.	Objectives - WQ2: Reduce pollutant Loads by implementing measures such as stormwater LID retrofits, erosion control/restoration to meet Water Quality Objectives (WQOs) for receiving bodies established in the Basin Plan within the planning horizon.	Objectives - WQ3: Implement water quality monitoring programs through planning horizon and coordinate annually throughout the region.	Objectives - WQ4: Ensure that drinking water supplied by public water systems continues to meet Federal and State Standards.	Objectives - WQ5: Restore degraded streams, wetlands, riparian and upland areas to re-establish natural water filtering processes	Objectives - WQ6: Operate and maintain, build, or replace infrastructure for reliable collection, treatment, and disposal of wastewater.
34	Truckee River Legacy Trail	The Truckee River Legacy Trail will connect Donner Lake to the Glenshire Subdivision in the eastern side of Truckee. Three phases of the trail are complete (Phase 1, 2, and 3A). Phase 3B will be complete in 2014. Phase 4 and Phase 5 are still in the preliminary planning and design stages. The project provides increased opportunity for tourism and recreation. It also protects, conserves and restores physical, cultural, archaeological, historical and living resources, assists the local economy, and enhances public use and enjoyment of lands owned by the public.	NA	NA	NA	NA	NA	NA
32	Trout Creek Trail	The Trout Creek Trail will connect the Tahoe Donner Subdivision (over 6,500 properties) in the northern side of Truckee to the Downtown urban area, provide recreational opportunities, and alternative transportation opportunities. The trail will consist of 2 phases and a connection to an existing Class 1 trail for a total trail length of over 8,000 linear feet. Both phases are currently in the design stages. Phase 1, from Bridge Street in Downtown will connect to the intersection of Euer Valley Road and includes a connection to the existing Class 1 trail to Pioneer Center. Phase 2 will include the section from Northwoods Blvd. to Euer Valley Road. The proposed trail will follow Trout Creek, provides increased opportunity for tourism and recreation. It also protects, conserves and restores physical, cultural, archaeological, historical and living resources, assists the local economy, and enhances public use and enjoyment of lands owned by the public. The trail is included in the	NA	NA	NA	NA	NA	NA
1	Aquatic Invasive Species Programs	Implementation of an Aquatic Invasive Species (AIS) program within Truckee which will include purchase of equipment to decontaminate motorized vessels, a mandatory inspection program for motorized vessels, implementation of sticker program, and education and outreach at key locations for non-motorized vehicles and recreational uses. The program will be modeled after the program currently being implemented in the Lake Tahoe basin.	NA	NA	NA	NA	NA	NA
46	Waterlines - Sierra Tract, Brockway, Black Bart	Project includes replacement of approximately 3,530 linear feet of water main with new 8-inch water main and associated water services, water meters, fire hydrants, water main connections, site restoration including landscaping and paving replacement, and appurtenances. The project has two benefits: replacing aging, leaking water infrastructure to preserve water supplies and increasing the fire protection capabilities at the site.	NA	NA	NA	NA	NA	NA
54	Woodfords Community Water Infrastructure Upgrades	Project includes replacement of approximately 600 linear feet of water main with new main and associated water services, updating meters, fire hydrants, water main connections, site restoration including landscaping and appurtenances. The project has two benefits: replacing aging, leaking water infrastructure to preserve water supplies and increasing the fire protection capabilities at the site.	NA	NA	NA	NA	NA	NA
13	Hope Valley Meadow Restoration	Restoration of Hope Valley meadow in the upper West Fork Carson River to enhance the full range of ecosystem services this highly visible and well know meadow has potential to provide including: natural water storage, flood attenuation, cooling and filtering of water, aquatic and riparian habitat, and recreational values. Restoration activities include stabilizing high, bare streambanks using vegetation and toe stabilization techniques, creating floodplain benches, protecting a meander bend from cutting off, stabilizing headcuts on tributaries, and creating standing water depressions for improved fish and bird habitat.	NA	NA	NA	NA	Yes	NA
56	Squaw Valley Mutual Water Co. Intertie	The citizens of Olympic Valley, California receive drinking water from two separate and independent water suppliers. The Squaw Valley Public Service District (SVPSD) and the Squaw Valley Mutual Water Company (SVMWC) are investigating a joint project to inter-tie the two water systems. The inter-tie, when complete, will allow the two water suppliers a backup water source in case of emergency or natural disaster. A redundant water supply is an essential and proven method of ensuring a safe and reliable water supply. Public water systems have long been encouraged to utilize inter-ties to achieve public health and resource management objectives and have become a standard among water purveyors. The interconnection of water supply systems is recommended in the California Water Code section 10631. <i>Interconnections of public water systems through intertie.</i>	NA	NA	NA	Yes	NA	NA
23	Mountain View Well Ground Water Protections	STPUD performed a conditions assessment in 2012 of all water infrastructure. The Mountain View Well was identified in this assessment as needing extensive wellhead protection and rehabilitation. The well structures and appurtenances have exceeded AWU Useful Life and will need to be updated. The updates would include replacement piping, casing, screens, etc. In addition, the wellhead protection necessary at this well will also protect the groundwater resources.	NA	NA	NA	Yes	NA	NA