

# YUBA COUNTY WATER AGENCY

## Reserves Policy

Adopted: June 16, 2020

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### 1.0 Purpose of this Policy

This policy confirms and establishes the Yuba County Water Agency reserve funds to accomplish prudent financial planning consistent with applicable laws, ordinances, bond covenants, other contracts, and Yuba Water objectives. The policy describes and provides for the necessary funds and cash flow for normal and ordinary operations, financial planning for long-term projects and goals, and economic downturns and emergencies. Yuba Water will keep and maintain the reserve fund in accordance with the terms of this policy.

The primary purposes of this policy are: to establish and maintain prudent reserve levels that are specific to the needs and risks of the Yuba Water; to describe the designations within the reserve fund and each designation's purpose and target balance; to identify when and how reserve funds are utilized and replenished; and to recognize the long-term nature of such funds and their relationship to current and future projects. Yuba Water's financial reserve fund comprises various designations established for specific purposes and risk reduction. Collectively, these fund designations enable the Agency to operate in a prudent manner, while allowing for transparency of reserve fund balances.

### 1.1 Background

Yuba County Water Agency, created in 1959, operates the Yuba River Development Project (YRDP). The Agency Act authorizes Yuba Water to reduce flood risk, provide water supply reliability, ensure regulatory compliance, and generate hydroelectricity for the benefit of the people of Yuba County. As of 2020, Yuba Water also became authorized under the Groundwater Sustainability Management Act (SGMA) to manage the Groundwater Sustainability Plan for the groundwater basins in Yuba County and make related expenditures. Yuba Water provides recreation at New Bullards Bar Reservoir and significantly invests in related habitat enhancements and environmental protections.

Power sales and water sales are the primary revenue sources for Yuba Water. The small portion of property taxes allocated to Yuba Water (about \$500,000 annually) reverts directly back to the County of Yuba, by resolution of both governing boards. The revenue from power and water sales not only funds the ongoing operation of the YRDP and provides the means to meet all other missions, but also serves as the lifeblood for the programs, grants and

community investments that are critical to the Agency's mission and vision of a thriving and prosperous Yuba County.

Yuba Water plays a unique role in flood risk reduction for Yuba County. Yuba Water is required through the U.S. Army Corps of Engineers to maintain a seasonal flood pool in New Bullards Bar Reservoir and minimize peak flood flows. This is a critical function because Yuba Water facilities are the only facilities controlling flood flows on the Yuba River, which has been subject to devastating historical flooding. In addition, Yuba Water is presently the best positioned entity financially capable of significant local cost share funding in partnership with local, state and federal flood entities to help plan and fund flood risk reduction efforts. Yuba Water is also the sole source of grant funding for flood risk reduction projects where there is no other funding source.

Yuba Water is the supplier of irrigation water to eight member irrigation districts/companies. Yuba Water protects the groundwater basins as the primary SGMA entity for the county and manages the Yuba County Integrated Regional Water Management Plan (IRWMP) for all constituent entities within the county, providing a primary source of local capital funds for IRWMP projects within an economically challenged county. Yuba Water has been and will continue to be the primary entity to ensure a reliable water supply for Yuba County.

Water transfer revenues were the main source of revenue for flood risk reduction and water supply projects for Yuba Water until 2016, when its 50-year Power Purchase Agreement expired. Now Yuba Water has power sales revenues to fund project operations, maintenance and required capital investment, regulatory requirements, and other essential mission areas.

While annual revenues are highly variable due to the uncertainty of rain and snow and the variability in power prices, over time the revenues are expected to be sufficient to cover regular operating expenses. A secure funding stream and adequate reserves are required to: (1) safely operate, maintain and improve safety and function of a 50-year old high hazard dam, power generation infrastructure, and related facilities; (2) ensure that Yuba Water maintains sufficient funding to cover required regulatory expenses, critical extraordinary expenses, and major construction, repair, rehabilitation, and improvement projects; and (3) respond to and address exigent and emergency events and circumstances during conditions such as extended droughts, natural disasters or plant and facility failure, which could substantially reduce revenues and unexpectedly require significant financial resources to fully restore generation capability. As a result of the 2017 flood event, for example, Yuba Water sustained more than \$11 million in direct damage, and assisted in funding in local share to enable local public agencies within the county to rebuild from the damage.

With flood protection and water supply reliability as legislated responsibilities, Yuba Water is well positioned to take a leading role in climate resilience planning and actions in the

County. Among other investments, Yuba Water plans to construct a secondary spillway with an estimated cost of \$160 million to reduce flood risk to downstream people and property due to large atmospheric river events. Yuba Water also continues to invest significant resources in Yuba River ecosystem improvements, watershed protection and catastrophic wildfire reduction to protect water quality and supply, the environment, and the people and resources of the county.

After securing adequate reserves established to ensure long-term financial stability and the ability to fund major projects within its authorizations, Yuba Water can turn to another critical role it plays in the County: proactively engaging in supporting the development of a robust, diverse Yuba County economy and improving the overall well-being of residents. Yuba Water plans to provide this support through investments in water and wastewater infrastructure, science education in the schools and community relating to the Agency mission and history, and related support of community-based organizations and local public agencies. By providing this support, Yuba Water is playing a leading role in organizing and funding measures that result in socioeconomic improvements within the County.

## **2.0 Fund Classification Types**

Yuba Water maintains four reserve fund designations that collectively comprise the Agency's reserve fund balance. Reserve funds will be established in the following four categories: Operating; Emergency; Levee Bond Payment; and Non-Routine & Capital Projects.

The Operating Reserve designation is categorized as operational reserves, which provide Yuba Water with the financial flexibility to respond to the potentially large variations in annual revenue due to volatility of precipitation levels and energy production and prices, and other factors.

The Emergency Reserves designation is also categorized as operational reserves to provide the financial flexibility to respond quickly to emergency repairs or other expenses and catastrophic or self-insurance requirements.

The Levee Bond Payment designation is categorized as obligated funds that are set aside to meet certain contractual financial commitments.

The Non-Routine & Capital Projects Reserves designation sets aside funds for the design, construction, repair, rehabilitation, and improvement of Yuba Water facilities and other large maintenance and capital improvement projects designed to preserve high availability levels of the power plants, high reliability of all facilities, and otherwise operate and maintain safe and reliable facilities throughout all Agency operational areas. Yuba Water is also planning for the funding of mandatory regulatory requirements, such as conditions included in the new

FERC license, expected to be approved within the next two to five years, and measures to implement applicable provisions of the update of the State Water Resources Control Board's Bay-Delta Plan update.

Annually, the Finance Manager will present a report of reserve designation activity to the Yuba Water Board of Directors in December of each year. The report will include a summary of the use of reserves in the prior year and will recommend annual and full funding levels. The Board, through the annual budget process, will authorize reserve designation funding allocations. Once designated in a reserves fund, the funds may only be used upon approval of the Board of Directors.

## **2.1 Operating Reserve**

The Operating Reserve designation provides readily available cash to continue operating Yuba Water under conditions of significantly reduced revenue due to variations in hydrology, energy production, energy prices, and/or prolonged minor outages or unanticipated variations in expenses. The Operating Reserve target amount is set at one year of total Agency operating expenses, as approved by the Board. Establishing appropriate Operating Reserve levels and designating contributions to the Operating Reserve from current revenue will be included and authorized through the annual budget process. The Operating Reserve designation will be used for the purposes noted above, based on determination of need, with the prior approval of the Agency's General Manager and Finance Manager, or Board of Directors. Use of Operating Reserves will require approval of the Board.

## **2.2 Emergency Reserve**

The Emergency Reserve designation provides funding for significant unforeseen needs or events, such as generator winding failures, generator breaker failures, levee weakening or repair, wildfire or other natural disaster that could threaten the Agency water supply or facilities. The Emergency Reserve target amount is set at a minimum amount to cover immediate needs during a waiting period for insurance coverage, much like the function of business interruption insurance, and to cover the cost of replacement of major equipment. Establishing appropriate Emergency Reserve levels and designating contributions to the Emergency Reserve from current revenue will be included and authorized through the annual budget process. The Emergency Reserve designation may be used for the purposes noted above, based on determination of need, with the prior approval of the Agency's General Manager and Finance Manager, or Board of Directors. The Yuba Water Board will be notified of any use of Emergency Reserves.

Yuba Water targets to maintain an adequate amount in emergency reserves to recover and restore operational capability in the event of an unforeseen catastrophic event. The more

typical significant failures of large hydroelectric generators include items such as generator winding failures and generator breaker failures. In other Yuba Water funded areas, levee failures, or repairs could pose an immediate need, and would qualify for Emergency Reserve coverage. In addition, wildfire or other natural disasters could threaten water supplies and require emergency funding. A prudent total is added to reserves to cover all these types of events.

### **2.3 Levee Bond Payment Reserve**

The Levee Bond Payment Reserve designation provides funding to cover one year of Yuba Water's obligation to pay 100% of the payments on the Yuba Levee Financing Authority bonds, originally issued in 2008 and refinanced in 2016-17. Working in collaboration with local, state and federal interests, Yuba Water helped finance the local cost-share of the new, six-mile-long setback levee along the Feather River and other significant levee improvements. Completed in 2010 at an approximate cost of \$160 million, the award-winning Feather River Setback Levee is one of the major projects to reduce flood risk in Yuba County and, specifically, for the communities of Arboga, Linda, Olivehurst and Plumas Lake.

Yuba Water signed an agreement with the County of Yuba to cover both agencies' shares of the bond debt service payments at least through 2025, and this practice is expected to continue through the life of the bonds (2038) unless significant financial issues threaten Yuba Water. Bond Payment Reserve target amount is set at a minimum of one year of the anticipated payment to cover the obligation during a budget shortfall during a prolonged drought or any other cause of revenue shortfall. Establishing appropriate Levee Bond Payment Reserve levels and designating contributions to the Levee Bond Payment Reserve from current revenue will be included and authorized through the annual budget process. The Levee Bond Payment Reserve designation will be used for the purposes noted above, based on determination of need with the prior approval of Yuba Water's General Manager and Finance Manager, or Board of Directors. The Yuba Water Board will be notified of any use of Levee Bond Payment Reserves.

### **2.4 Non-Routine & Capital Projects Reserve**

The Non-Routine & Capital Reserve designation provides funding for capital projects when needed for planning, design, environmental work and permitting, land and rights-of-way acquisition, construction, and other capital improvement costs. As part of the annual budget process, the routine or smaller capital projects will be funded from current revenue, if possible. A five-year projection will be developed and maintained to determine the appropriate level for funding of this designation. The total in the Non-Routine & Capital Reserves designation will be determined at least annually by the Board of Directors.

Contributions to the Non-Routine & Capital Reserve designation from current revenue will be included and authorized through the annual budget process. Funds may be drawn from the Non-Routine & Capital Reserve account with approval of the Yuba Water Board of Directors.

Non-Routine & Capital Projects fall into two categories. The first category includes major non-routine maintenance projects and capital improvement projects for Yuba Water-owned assets, including but not limited to New Bullards Bar Dam and Reservoir, Colgate Power Plant, Narrows 1 and 2 Power Plants, Yuba Water-owned canals and fish screens. Typically, Yuba Water is responsible for the planning, funding, construction and maintenance of these projects. The five-year Capital Improvement Plan (a list of planned projects) has been developed and projects are submitted with the annual budget to the Board for approval in June and December annually and approved in the budget. Planned projects are cited under Power Systems and the General Fund, which include water infrastructure projects and community enhancement projects, such as the Watershed Experience Center.

This reserve fund covers the cost of the Yuba Water-developed multi-year Capital Improvement Plan for power systems and general fund projects to upgrade facilities that are 50 years old, and to build new needed facilities. This CIP includes major upgrades to current operations, such as the Narrows 2 life extension and modernization (\$33.5 million), Narrows 1 assessment and upgrade (\$10.1 million), warehouse and office construction (\$23.1 million), and south fish screen (\$17.5 million).

The second category of Non-Routine & Capital Projects includes projects that typically accomplish Yuba Water's mission, but may be owned and managed by another public entity. The Yuba Water Board has approved full or partial grant or loan funding of the projects. A listing of approved projects is included in the annual budget. Most of the potential future projects that may require funding or partial funding by the Agency are included in the Integrated Regional Water Management Plan (IRWMP).

Yuba Water has also submitted its application to secure its new Federal Energy Regulatory Commission (FERC) license to operate the Yuba River Development Project. The FERC Final Environmental Impact Statement provides terms and conditions that are expected to be included in the new license, which are estimated to cost \$65 million to implement. During the first five years of the new license, Yuba Water has identified approximately \$44.4 million in additional cost improvements to recreation, flood, and water infrastructure improvements. It is expected that the new license will obligate Yuba Water to undertake these capital improvement projects. While it is impossible to predict when the new FERC license will be issued, the earliest estimate is three years and a more likely timeframe is up to ten years.

The Yuba Water Board approved \$11 million for the design and permitting work for the expected construction of the estimated \$160 million secondary spillway at New Bullards Bar

Dam, as described above. Design and permitting could also begin on a new Colgate tailwater depression system (total cost approximately \$16 million), also included in the expected FERC license.

The total Non-Routine & Capital Improvement projects noted above total approximately \$220.6 million. In addition, Non-routine & Capital Improvement projects in Yuba Water's mission area included in the IRWMP total more than \$488 million in projects planned for the next five years. While Yuba Water will not fund all of those projects, it provides the sole source of local share funding for many of the public agencies that will participate in those projects and has committed to partnering to fund essential community projects, to the extent consistent with Yuba Water's mission. The Yuba Water Board of Directors will set the target balance for Non-Routine & Capital Improvement designation annually.

The current reserve fund designation targets, balances, and funding plans and needs are set forth on the attached Appendix A. The Agency periodically will update this appendix to reflect changing conditions, plans, and needs.

### **3.0 Funding**

As of the beginning of 2020-21, the Operating Reserves (\$36.1 million), Emergency Reserve (\$12.0 million), and Levee Bond Payment Reserve (\$5.6 million) are funded to the target balance. It is the Board of Director's intention that reserves in the Non-Routine & Capital Projects Reserve designation, which total \$115.3 million in 2020-21, be funded at levels set by the Board annually.

Each of the reserve designations will have identified annual and full funding targets. When the resources are limited, the priority for funding reserves or restoring reserves to established levels after use will be as follows:

- (1) First Priority: Operating Reserve. It is prudent to aggressively contribute to Operating Reserves until the designation reaches its established target to ensure continuity of operation during periods of distress. After the use of Operating Reserves, this reserve will be restored to the target level prior to any distribution to other reserve fund designations.
- (2) Second Priority: Emergency Reserve. The Emergency Reserve will be funded to the adopted annual budget funding level each year to ensure an adequate response to emergencies and to provide for continuity of operation. After any use of Emergency Reserve, this designation shall be restored to the target level prior to any distribution to the third or fourth priority designations.
- (3) Third Priority: Levee Bond Payment Reserve. The Levee Bond Payment Reserve will be funded at its established target to ensure continuity of payments on the obligation.

After any use of Levee Bond Payment Reserve, this designation shall be restored to the target level prior to any distribution to the fourth priority designation.

- (4) Fourth Priority: Non-Routine & Capital Projects Reserve. The Non-Routine & Capital Projects Reserve will be funded to target amounts each year before funding new projects or projects not identified in the Yuba Water Strategic Plan or Capital Improvement Plan.

#### **4.0 Authority**

The General Manager is responsible for the appropriate accounting and regular reporting of Yuba Water's reserve fund and fund designation balances. Board oversight will be accomplished through regular reporting and review of this Policy.

#### **5.0 Procedure**

Yuba Water staff will maintain procedures for managing each fund designation, to be approved by the General Manager, and in conformance with this Policy.

In any case where the reserves are drawn below target minimum, a report will be developed containing the reasons for withdrawals, and any impacts to programs due to such withdrawals. If reserves are depleted, then the reserves will be replenished over a maximum five-year period to the established or re-established target as directed by the Board.

Once reserve levels have been established and funds have been transferred into a reserve designation, funds may only be transferred for use outside of authorized purposes under the reserve designation upon the approval of the Board of Directors.

#### **6.0 Policy Review**

The Board Secretary will ensure that this Policy is reviewed at least annually.

#### **6.1 Version History**

Date	Version#	Description
December 22, 2016	001	Initial Release
October 16, 2018	002	Bi-Annual Review
June 16, 2020	003	Revision



## APPENDIX A

FY 2020-2021

Overall target for Reserves: \$200 million

Reserve Fund Designations	Target	Est. Funding Level as of June 30, 2020
Operating Reserves	\$ 36.1 million	\$36.1 million
Emergency Reserves	\$12.0 million	\$12.0 million
Levee Bond Payment Reserves	\$ 5.6 million	\$ 5.6 million
Non-Routine & Capital Projects Reserves	\$146.3 million	\$ 107.49 million
<b>TOTAL</b>	<b>\$200.0 million</b>	<b>\$161.19 million</b>

The following reserve fund designations are specific for fiscal year 2021-2022.

**Operating Reserve:** The Operating Reserve designation established for 2020-2021 is \$36.1 million to provide cash to operate Yuba Water under the conditions of significantly reduced revenue. As outlined in the Reserve Policy, \$36.1 million, the average operating expenses over the last three years, is estimated to be one year of total Yuba Water operating expenses, not including projected non-routine & capital projects or bond payments.

**Emergency Reserve:** Yuba Water targets to maintain \$12.0 million in emergency reserves to recover and restore operational capability in the event of an unforeseen catastrophic event. The more typical significant failures of large hydroelectric generators include items such as generator winding failures and generator breaker failures. This category of failure can generally be addressed for \$5 million or less. However, experience from the 2017 flood event shows a higher level is required for unexpected emergencies. In other Yuba Water funded areas, levee failure, or repair could pose an immediate need and would qualify for Emergency Reserve coverage. In addition, wildfire or other natural disaster could threaten water supply and require emergency funding. A prudent total of \$12.0 million is added to reserves to cover all these types of events.

**Levee Bond Payment Reserve:** The total Levee Bond Payment is approximately \$5.6 million annually, thus the Reserve designation is \$5.6 million.

**Non-Routine & Capital Improvement Projects Reserve:** While the identified Non-Routine and Capital Project needs exceed \$220 million for Yuba Water-owned projects, the Board has established the targeted funding in this designation at \$146.3 million as a

reasonable short-term target, bringing the total reserves funding in all designations to \$200 million.

Attached are the most recent documents detailing the Non-Routine & Capital Improvement Projects currently planned for Yuba Water-owned assets, including the Large Project Worksheets for 2020-2021 and 2021-2022. These documents list the projects planned to maintain and/or improve Agency-owned assets over the next two budget years.

Also attached is the summary of the IRWMP, which lists the projects that have been proposed by community partners to Yuba Water. Yuba Water is the only local entity that could support these projects by granting the local share of the projects to match possible state and/or federal grants to fund the projects.

Yuba County Water Agency  
 Power Systems 2020/2021 Proposed Budget  
 Large Maintenance & CIP

Project	Location	System	Estimated Remaining Cost	Proposed 2020-2021
C1 Generator Pole Refurbishment, Spare Poles	C1	GENR	\$ 142,574	\$ 142,574
C1 Static Exciter System Install	C1	GENR	\$ 450,000	\$ 50,000
C1 Turbine Wheel Pit Catwalk Improvements	C1	TURB	\$ 271,459	\$ 81,650
C1 Generator High Lift System Re-design	C1	GENR	\$ 189,809	\$ 179,809
C2 Static Exciter System Install	C2	GENR	\$ 450,000	\$ 50,000
C2 Turbine Wheel Pit Catwalk Improvements	C2	TURB	\$ 271,459	\$ 81,650
C2 Generator High Lift System Re-design	C2	GENR	\$ 189,809	\$ 179,809
Warehouse & Admin Bldg Construction	CP	BUIL	\$ 20,600,000	\$ 600,000
Tunnel/Penstock Prep. - Outage related	CP	WTWS	\$ 7,077,905	\$ 600,760
Colgate Penstock Shutoff Valve CPSV Rework	CP	WTWS	\$ 4,338,400	\$ 619,200
Colgate Penstock Exterior Coating	CP	WTWS	\$ 1,086,387	\$ 1,086,387
Vehicle Replacements (3) / Mobil Equipment	CP	FLEET	\$ 1,430,000	\$ 710,000
Cottage Creek Microwave Installation	CP	COMM	\$ 677,157	\$ 677,157
CP 480V Switchgear Replacement	CP	BOPE	\$ 1,148,356	\$ 825,000
CP Security Camera Upgrades (FERC Audit)	CP	CIVL	\$ 650,000	\$ 650,000
CP Fire Sys CO2 Purge System	CP	CIVL	\$ 830,000	\$ 90,000
Cottage Creek Electrical Infrastructure Upgrade	CP	COMM	\$ 510,512	\$ 510,512
Electrical Service Upgrade - Offices	CP	BUIL	\$ 218,564	\$ 218,564
Colgate 60 Ton Gantry Crane	CP	CIVL	\$ 332,333	\$ 332,333
Stop Logs / Bulkheads Refurbishment and Procurement	CP		\$ 236,000	\$ 236,000
CP SCADA Hardware Replacement	CP	AUTO	\$ 250,000	\$ 200,000
Colgate Back up Generator	CP	BOPE	\$ 124,136	\$ 124,136
TSV Blind Flange Refurbishment	CP	WTWS	\$ 48,758	\$ 48,758
Rebuild 13.8kV Potential Transformers (PT)	CP	BOPE	\$ 231,660	\$ 205,040
NY28 Access Improvement - Alternative Analysis	GG	GAUG	\$ 60,000	\$ 60,000
Standpipe Replacement	N1	WTWS	\$ 213,000	\$ 213,000
Tram Alt Power Source (propane generator)	N1	CIVL	\$ 202,010	\$ 202,010
N1 125V Station Battery Backup Bank	N1	BOPE	\$ 71,544	\$ 71,544
N2 Cone Partial Small Bypass Valve Replacement	N2	CIVL	\$ 1,500,000	\$ 750,000
N2 GSU Transformer Replacement	N2	BOPE	\$ 1,533,875	\$ 470,259
N2 Gravel Bar / Isolation Pool Remediation	N2	WTWS	\$ 1,400,000	\$ 50,000
N2 Generator Rotor Repair	N2	GENR	\$ 597,075	\$ 597,075
N2 Access Road Repair & Maintenance	N2	CIVL	\$ 551,716	\$ 551,716
N2 Repairs to Intake Gate, Underwater	N2	WTWS	\$ 500,000	\$ 325,000
N2 Fixed Cone Valve (FCV), Full Bypass, PLC	N2	BOPM	\$ 178,707	\$ 178,707
N2 Fixed Cone Valve (FCV), Full Bypass, Seat Repair	N2	BOPM	\$ 127,612	\$ 127,612
N2 Vibration Monitor	N2	AUTO	\$ 87,400	\$ 87,400
N2 Runner Weld Repairs	N2	TURB	\$ 200,000	\$ 100,000
N2 Digital Excitation Control System Installation	N2	GENR	\$ 71,236	\$ 71,236
N2 Rebuild 13.8kV Potential Transformers (PT), Located in Iso-Phase	N2	BOPE	\$ 115,830	\$ 102,520
N2 Guard Valve Repairs	N2	BOPM	\$ 99,946	\$ 20,746
CC Campground	RC	RECR	\$ 2,100,000	\$ 2,400,000
Repave Rd 169, Parking Lot to CC Campground	RC	RECR	\$ 857,900	\$ 857,900
Dark Day				
Boat Ramp Parking and Additional Parking	RC	RECR	\$ 630,000	\$ 930,000
Lake Francis Dam Instrumentation	RC	RECR	\$ 230,000	\$ 40,000
Lake Francis Toe Drain	RC	RECR	\$ 140,000	\$ 140,000
Lake Francis Spillway	RC	RECR	\$ 170,000	\$ 170,000
NBB Dam Low Level Outlet (LLO) Valve	WA	BDAM	\$ 2,836,925	\$ 782,805
NBB Foundation Remediation	WA	BDAM	\$ 2,000,000	\$ 2,000,000
Our House Flow Bypass	WA	OURH	\$ 150,000	\$ 150,000
NBB Spillway Repairs	WA	BDAM	\$ 530,000	\$ 170,000
NBB Part 12 Inspection	WA	BDAM	\$ 375,000	\$ 75,000
Flow Deviation Mitigation Plan, Woody Trees	WA	YUBA	\$ 125,000	\$ 25,000
NBB Robotic Totaling Station (RTS)	WA	BDAM	\$ 385,000	\$ 165,000
NBB Dam 3D Geologic Model	WA	BDAM	\$ 200,000	\$ 100,000
Sediment Management Plan - LC	WA	LOGC	\$ 630,000	\$ 450,000
Sediment Management Plan - OH	WA	OURH	\$ 630,000	\$ 450,000
NBB Seismic Model Validation	WA	BDAM	\$ 200,000	\$ 200,000
NBB Dam 20 Ton Intake Gentry Crane Retrofit	WA	BDAM	\$ 186,168	\$ 186,168
NBB Spill gate Hoist, Phase 2	WA	BDAM	\$ 203,550	\$ 203,550
EAP / Security Plan 5-yrExcercise	WA	BDAM	\$ 100,000	\$ 50,000
NBB Additional Geologic Mapping	WA	BDAM	\$ 55,000	\$ 55,000
NBB Left Abutment Gravity Wall Stability Analysis	WA	BDAM	\$ 55,000	\$ 55,000
NBB Spillway Gravity Wall Stability Analysis	WA	BDAM	\$ 25,000	\$ 25,000
General Engineering Technical Specification			\$ 622,720	\$ 160,000
Visual Directory System			\$ 85,000	\$ 85,000
			\$ 66,005,374	\$ 22,403,586

**Definitions**  
 C1 - Colgate Unit 1  
 C2 - Colgate Unit 2  
 CP - Common Plant  
 N1 - Narrows 1  
 GG - Gauging Stations  
 RC - Recreation  
 WA - Reservoirs, Waterways, & Dams  
 BOPE - Balance of Plant - Electrical  
 BOPM - Balance of Plant - Mechanical  
 CIVL - Civil  
 COMM - Communications  
 GENR - Generator  
 TURB - Turbine  
 WTWS - Waterways  
 BDAM - New Bullards Bar Dam  
 BRES - New Bullards Bar Reservoir  
 OURH - Our House Dam

Yuba County Water Agency  
 Power Systems 2021/2022 Projected Budget  
 Large Maintenance & CIP

Project	Location	System	Estimated Remaining Cost	Projected 2021-2022
C1 Generator Pole Refurbishment/Procurement	C1	GENR	\$ 5,400,000	\$ 50,000
C1 Generator High Voltage Lead Refurbishment	C1	GENR	\$ 75,000	\$ 75,000
C1 Generator Micarta Replacement	C1	GENR	\$ 75,000	\$ 75,000
C1 TSV Reconditioning, Seat Job	C1	TURB	\$ 1,100,000	\$ 100,000
C1 Static Exciter System Install	C1	GENR	\$ 400,000	\$ 300,000
C1 Turbine Wheel Pit Catwalk Improvements	C1	TURB	\$ 189,809	\$ 189,808.5
C1 Generator High Lift System Re-design	C1	GENR	\$ 10,000	\$ 10,000
C1 Thrust Bearing Modification	C1	GENR	\$ 65,000	\$ 65,000
CP Procure Spare Turbine Guide Heat Exchanger	C1	TURB	\$ 13,980	\$ 6,990
C2 TSV Reconditioning, Seat Job	C2	TURB	\$ 1,100,000	\$ 100,000
C2 Static Exciter System Install	C2	GENR	\$ 400,000	\$ 300,000
C2 Turbine Wheel Pit Catwalk Improvements	C2	TURB	\$ 189,809	\$ 189,808.5
C2 Spare G5U Transformer	C2	BOPE	\$ 150,000	\$ 150,000
C2 Generator High Voltage Lead Refurbishment	C2	GENR	\$ 75,000	\$ 75,000
C2 Generator Micarta Replacement	C2	GENR	\$ 75,000	\$ 75,000
C2 Turbine Runner Templates	C2	TURB	\$ 50,000	\$ 50,000
C2 Generator High Lift System Re-design	C2	GENR	\$ 10,000	\$ 10,000
Warehouse & Admin Bldg Construction	CP	BUIL	\$ 20,000,000	\$ 2,000,000
Tunnel/Penstock Prep. - Outage related	CP	WTWS	\$ 6,477,145	\$ 707,020
Colgate Penstock Shutoff Valve CPSV Rework	CP	WTWS	\$ 3,719,200	\$ 319,200
Vehicle Replacements (3) / Mobil Equipment	CP	FLEET	\$ 720,000	\$ 180,000
CP 480V Switchgear Replacement	CP	BOPE	\$ 323,356	\$ 42,000
Penstock, Install Fire Water Suppression	CP	WTWS	\$ 805,000	\$ 155,000
CP Fire Sys CO2 Purge System	CP	CIVL	\$ 740,000	\$ 740,000
CP SCADA Hardware Replacement	CP	AUTO	\$ 50,000	\$ 50,000
Colgate Spoils Pile Inspection	CP	CIVL	\$ 40,000	\$ 10,000
Increase Panel "I" Capacity	CP	COMM	\$ 15,000	\$ 15,000
Rebuild 13.8kV Potential Transformers (PT)	CP	BOPE	\$ 26,620	\$ 26,620
Generator relay upgrade	N1	GENR	\$ 450,000	\$ 200,000
Pull Rotor to Clean	N1	GENR	\$ 200,000	\$ 200,000
Generator Air Coolers Refurb	N1	GENR	\$ 200,000	\$ 200,000
N1 Cyber Security Upgrade	N1	COMM	\$ 100,000	\$ 100,000
Generator Inspection	N1	GENR	\$ 25,000	\$ 25,000
N2 Cone Partial Small Bypass Valve Replacement	N2	CIVL	\$ 750,000	\$ 750,000
N2 G5U Transformer Replacement	N2	BOPE	\$ 1,063,616	\$ 1,063,616
N2 Gravel Bar / Isolation Pool Remediation	N2	WTWS	\$ 1,350,000	\$ 1,350,000
N2 Repairs to Intake Gate Hoist	N2	BOPM	\$ 550,000	\$ 100,000
N2 Repairs to Intake Gate, Underwater	N2	WTWS	\$ 250,000	\$ 250,000
N2 60kV Generator Circuit Breaker (GCB) Replacement, CB22	N2	BOPE	\$ 204,624	\$ 204,624
N2 Relay Protection Upgrade	N2	BOPE	\$ 104,760	\$ 104,760
N2 Instrumentation Upgrade	N2	BOPE	\$ 120,000	\$ 30,000
N2 Bathroom Upgrade	N2	CIVL	\$ 100,000	\$ 100,000
N2 Rebuild 13.8kV Potential Transformers (PT), Located in Iso-Phase	N2	BOPE	\$ 13,310	\$ 13,310
N2 Iso-Phase Rebuild	N2	BOPE	\$ 70,240	\$ 70,240
N2 Guard Valve Repairs	N2	BOPM	\$ 79,200	\$ 79,200
N2 Generator Coolers	N2	GENR	\$ 30,000	\$ 30,000
RTU Installation	OS	OREG	\$ 50,000	\$ 50,000
CC Dam Rehabilitation	RC	RECR	\$ 2,400,000	\$ 2,400,000
Lake Francis Dam Instrumentation	RC	RECR	\$ 190,000	\$ 190,000
CC Water Plant PLC	RC	RECR	\$ 50,000	\$ 50,000
CC Ramp Inclinometer	RC	RECR	\$ 10,000	\$ 10,000
Our House Mechanical Sediment Removal	WA	OURH	\$ 7,425,000	\$ 7,425,000
NBB Dam Low Level Outlet (LLO) Valve	WA	BDAM	\$ 2,054,120	\$ 54,120
NBB Develop Uplift Pressure Criteria	WA	BDAM	\$ 100,000	\$ 100,000
NBB Spillway Repairs	WA	BDAM	\$ 360,000	\$ 360,000
Log Cabin Extend Walkway Across Entire Dam Crest	WA	LOGC	\$ 555,000	\$ 90,000
Our House Extend Walkway Across Entire Dam Crest	WA	OURH	\$ 555,000	\$ 90,000
Flow Deviation Mitigation Plan, Woody Trees	WA	YUBA	\$ 100,000	\$ 25,000
NBB Robotic Totaling Station (RTS)	WA	BDAM	\$ 220,000	\$ 220,000
NBB Dam 3D Geologic Model	WA	BDAM	\$ 100,000	\$ 100,000
NBB Spill gate Hoist, install Walkway between hoists, weather cover	WA	BDAM	\$ 390,000	\$ 60,000
Sediment Management Plan - LC	WA	LOGC	\$ 180,000	\$ 45,000
Sediment Management Plan - OH	WA	OURH	\$ 180,000	\$ 45,000
NBB Butterfly Valve Exterior Coating	WA	BDAM	\$ 275,000	\$ 25,000
NBB Spillgate Seismic Analysis	WA	BDAM	\$ 55,000	\$ 55,000
NBB Stability Analysis	WA	BDAM	\$ 100,000	\$ 100,000
NBB Dam DC System Redesign	WA	BDAM	\$ 200,000	\$ 100,000
NBB Spill gate Hoist, Phase 3	WA	BDAM	\$ 250,000	\$ 250,000
Our House Robotic Totaling Station (RTS)	WA	OURH	\$ 200,000	\$ 50,000
Log Cabin Robotic Totaling Station (RTS)	WA	LOGC	\$ 200,000	\$ 50,000
Log Cabin Thrust Block Drain Cleaning	WA	LOGC	\$ 100,000	\$ 100,000
Our House Thrust Block Drain Cleaning	WA	OURH	\$ 100,000	\$ 100,000
General Engineering Technical Specification			\$ 462,720	\$ 270,000
			\$ 64,817,508.00	\$ 23,351,317.00

**Definitions**

C1 - Colgate Unit 1  
 C2 - Colgate Unit 2  
 CP - Common Plant  
 N2 - Narrows 2  
 N1 - Narrows 1  
 GG - Gauging Stations  
 RC - Recreation  
 WA - Reservoirs, Waterways, & Dams

BOPE - Balance of Plant - Electrical  
 BOPM - Balance of Plant - Mechanical  
 CIVL - Civil  
 COMM - Communications  
 GENR - Generator  
 TURB - Turbine  
 WTWS - Waterways  
 BDAM - New Bullards Bar Dam  
 BRES - New Bullards Bar Reservoir  
 OURH - Our House Dam

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
2	High	BEALE-01	2020		Distribution	Facility Construction	Inspection Station Solar Well	Beale AFB	\$0	\$60,000	\$60,000	Apprvd by IRWM	Implementation only project	Blaze Baker Peggy Knox Mitchell Costa	<a href="mailto:blaze.baker.1@us.af.mil">blaze.baker.1@us.af.mil</a> <a href="mailto:peggy.knox@us.af.mil">peggy.knox@us.af.mil</a> <a href="mailto:mitchell.costa.1@us.af.mil">mitchell.costa.1@us.af.mil</a>
3	High	BEALE-02	2020		Flood	Engineering/Design Restoration	Frisky Dam Rebuild	Beale AFB	\$0	\$14,409,000	\$14,409,000	Apprvd by IRWM	Implementation only project	Blaze Baker Peggy Knox Mitchell Costa	<a href="mailto:blaze.baker.1@us.af.mil">blaze.baker.1@us.af.mil</a> <a href="mailto:peggy.knox@us.af.mil">peggy.knox@us.af.mil</a> <a href="mailto:mitchell.costa.1@us.af.mil">mitchell.costa.1@us.af.mil</a>
4	High	BEALE-03	2020		Distribution	Engineering/Design Facility Construction Restoration	Housing Water Tanks	Beale AFB	\$86,280	\$2,070,720	\$2,157,000	Apprvd by IRWM	New, high priority project	Blaze Baker Peggy Knox Mitchell Costa	<a href="mailto:blaze.baker.1@us.af.mil">blaze.baker.1@us.af.mil</a> <a href="mailto:peggy.knox@us.af.mil">peggy.knox@us.af.mil</a> <a href="mailto:mitchell.costa.1@us.af.mil">mitchell.costa.1@us.af.mil</a>
5	High	BEALE-04	2020		Wastewater	Engineering/Design Restoration	Pond 4 Expansion	Beale AFB	\$201,650	\$3,831,350	\$4,033,000	Apprvd by IRWM	New, high priority project	Blaze Baker Peggy Knox Mitchell Costa	<a href="mailto:blaze.baker.1@us.af.mil">blaze.baker.1@us.af.mil</a> <a href="mailto:peggy.knox@us.af.mil">peggy.knox@us.af.mil</a> <a href="mailto:mitchell.costa.1@us.af.mil">mitchell.costa.1@us.af.mil</a>
6	High	BEALE-05	2020		Flood	Engineering/Design Restoration	Vassar Lake Spillway Reconstruction	Beale AFB			\$1,300,000	Apprvd by IRWM	Project is owned by the County and Beale is submitting it as a partner entity, PA will be cost shared but total cost share % has not yet been determined between the County and Beale	Blaze Baker Peggy Knox Mitchell Costa	<a href="mailto:blaze.baker.1@us.af.mil">blaze.baker.1@us.af.mil</a> <a href="mailto:peggy.knox@us.af.mil">peggy.knox@us.af.mil</a> <a href="mailto:mitchell.costa.1@us.af.mil">mitchell.costa.1@us.af.mil</a>
7	High	BEALE-06	2020		Water Supply	Engineering/Design	Construct Precision Acquisition Vehicle Entry Phased Array Warning System (PAVE PAWS) Hardened Water Well	Beale AFB				Apprvd by IRWM	New, high priority project	Blaze Baker Peggy Knox Mitchell Costa	<a href="mailto:blaze.baker.1@us.af.mil">blaze.baker.1@us.af.mil</a> <a href="mailto:peggy.knox@us.af.mil">peggy.knox@us.af.mil</a> <a href="mailto:mitchell.costa.1@us.af.mil">mitchell.costa.1@us.af.mil</a>
8	High	BVID-01	2019	MC	Conservation	Planning Engineering/Design Permitting CEQA/NEPA Facility Construction	Sicard Ditch Lining for Water Conservation	BVID	\$650,000	\$3,242,520	\$3,892,520	Apprvd by IRWM	\$650,000 planning grant from YWA already approved. Plan to pursue implementation funding ASAP, may request help from YWA	Ryan McNally	<a href="mailto:ryan@bvid.org">ryan@bvid.org</a>
9	High	BVID-02	2019	MC	Distribution	Engineering/Design Construction	Pumpline Canal Improvement Project	BVID	\$0	\$285,000	\$285,000	Apprvd by IRWM	Requesting support from YWA March 2020	Ryan McNally	<a href="mailto:ryan@bvid.org">ryan@bvid.org</a>
10	High	CCSD-01	2017	SRFA	Supply	Study/Assessment, Planning, Engineering/Design	Camptonville Water System Improvement Project (Phase II)	Camptonville Community Service District				Apprvd by IRWM	unclear if this project is linked to the planning grant received by CCSD already	Richard Dickard	<a href="mailto:rdickard@gmail.com">rdickard@gmail.com</a>
11	High	CCSD-11	2020	MC	Water Quality	Study/Assessment Planning Engineering/Design	Contact Tank Replacement/Restoration - Phase 1: Preliminary Planning	Camptonville CSD				Apprvd by IRWM	New project; approved by RWMG	Richard Dickard	<a href="mailto:rdickard@gmail.com">rdickard@gmail.com</a>
12	High	CCSD-12	2020	MC	Water Supply	Study/Assessment Planning	Underground Water Resources – Phase 1: Pilot Well Test Project	Camptonville CSD				Apprvd by IRWM	New project; approved by RWMG	Richard Dickard	<a href="mailto:rdickard@gmail.com">rdickard@gmail.com</a>
13	High	CID-01	2019	SRFA	Irrigation Energy		Automation of Solar Irrigation System	Cordua ID				Confirmation Requested	Waiting on project form		<a href="mailto:kzangus@neteze.com">kzangus@neteze.com</a> <a href="mailto:13keithdavis@comcast.net">13keithdavis@comcast.net</a> <a href="mailto:mathewsc@succeed.net">mathewsc@succeed.net</a>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
14	High	LCWD-07b	2020	SRFA	Wastewater	Study/Assessment Engineering/Design Facility Construction	Wastewater System Improvement and Energy Efficiency: Phase 2	Linda CWD	\$154,500	\$3,450,000	\$3,604,500	Apprvd by IRWM	Phase 2 of LCWD - 07; approved by RWMG	Brian Davis Javier Rios	<a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a> <a href="mailto:jrios@lindawater.com">jrios@lindawater.com</a>
15	High	LCWD-08	2020	SRFA	Emergency/Fire	Engineering/Design Facility Construction	Fire Hydrant Replacement Project	Linda CWD	\$0	\$400,000	\$400,000	Apprvd by IRWM	No separate planning budget; approved by RWMG	Brian Davis Javier Rios	<a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a> <a href="mailto:jrios@lindawater.com">jrios@lindawater.com</a>
16	High	LCWD-09	2020	SRFA	Water Supply/ Emergency/ Conservation	Engineering/Design Facility Construction	Valve Replacement Project	Linda CWD	\$0	\$400,000	\$400,000	Apprvd by IRWM	No separate planning budget; approved by RWMG	Brian Davis Javier Rios	<a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a> <a href="mailto:jrios@lindawater.com">jrios@lindawater.com</a>
17	High	MARY-12	2019	SRFA	Wastewater	Study/Assessment	Marysville Sewer Master Plan	Marysville	\$500,000	\$0	\$500,000	Apprvd by IRWM	In Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
18	High	MARY-13	2019	SRFA	Stormwater	Planning	Marysville Stormwater Pollution Prevention Plan	Marysville	\$300,000	\$0	\$300,000	Apprvd by IRWM	In Marysville CIP	Marti brown	<a href="mailto:mbrown@marysville.ca.us">mbrown@marysville.ca.us</a>
19	High	MARY-15	2020		Flood	Engineering/Design Permitting CEQA/NEPA Facility Construction Best Management Practices	Ellis Lake Discharge Pipe Repairs	Marysville (MBK)			\$2,055,000	Apprvd by IRWM	<b>MBK developed flood project;</b> no separate planning budget provided	John Mallen	<a href="mailto:jmallen@mhm-inc.com">jmallen@mhm-inc.com</a>
20	High	NYWD-03	2019	SRFA	Distribution	Facility Construction	Forbestown Ditch to Pipeline Replacement Project	NYWD			\$8,244,251	Funding ID'd	Not being pursued by Member Units currently; applying to YWA for funding.	Jeff Maupin Leona Harris Kristen McKillop (NorthStar Eng.-Prjt Mgr)	<a href="mailto:jmaupin@nywd.org">jmaupin@nywd.org</a> <a href="mailto:lharris@nywd.org">lharris@nywd.org</a> <a href="mailto:kmckillop@northstareng.com">kmckillop@northstareng.com</a>
21	High	OPUD-09	2020	SRFA	Water	Planning Engineering/Design CEQA/NEPA Facility Construction	South Yuba County Water Project	Olivehurst PUD	\$1,500,000	\$19,800,000	\$21,300,000	Apprvd by IRWM	OPUD requested Planning Support from YWA Feb 2020	Christopher Oliver	<a href="mailto:coliver@opud.org">coliver@opud.org</a>
22	High	OPUD-10	2020	SRFA	Wastewater	Planning Engineering/Design Facility Construction	South Yuba County Wastewater Project	Olivehurst PUD	\$2,000,000	\$25,000,000	\$27,000,000	Apprvd by IRWM	OPUD requested Planning Support from YWA Feb 2020	Christopher Oliver	<a href="mailto:coliver@opud.org">coliver@opud.org</a>
23	High	OPUD-11 (Previously OPUD-03)	2020	SRFA		Facility Construction Monitoring	Leak Detection and Repair Project	Olivehurst PUD	\$0	\$74,000	\$74,000	Apprvd by IRWM	Interested in linking to YWA's water conservation program		
24	High	RD10-02	2020		Flood	Engineering/Design Permitting CEQA/NEPA Facility Construction Restoration	FRSP Critical Repair	RD 10 (MBK)	\$77,500	\$232,500	\$310,000	Apprvd by IRWM	<b>MBK developed flood project</b>	Sarb Johl	<a href="mailto:sarbjohl@hotmail.com">sarbjohl@hotmail.com</a>
25	High	RD10-03	2020		Flood	Planning Engineering/Design Permitting CEQA/NEPA Facility Construction Best Management Practices	Toe Access Corridor	RD 10 (MBK)	\$2,780,000	\$5,170,000	\$7,950,000	Apprvd by IRWM	<b>MBK developed flood project</b>	Sarb Johl	<a href="mailto:sarbjohl@hotmail.com">sarbjohl@hotmail.com</a>
26	High	RD784-05	2017	SRFA	Stormwater	Facility Construction	Pump Station 2 System Improvement	RD 784			\$525,000	Apprvd by IRWM	No separate planning budget	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
27	High	RD784-06	2017	SRFA	Stormwater	Facility Construction	Pump Station 10 Improvements (Phase II)	RD 784			\$3,700,000	Apprvd by IRWM	No separate planning budget	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
28	High	RD784-13	2019 (originally prjcts RD784-02/03 were 2017 prjct)	SRFA		Facility Construction Best Mgmt Practices	Climate Change Vulnerability and Flood Protection Integrated Project (Includes RD784 Pump Stations: #5 - Avondale, #7 - Chestnut, #9 - Island)	RD784 (YC)			\$483,840	App Submitted	SRFA IRWM Implementation grant	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
29	High	RD784-15	2020	SRFA	Flood	Planning Engineering/Design Permitting CEQA/NEPA Facility Construction	Unit 3b Levee Mile 4.66 Storm Drain Replacement	RD784 (YC)			\$650,000	Funding ID'd	No separate planning budget; would like to start this summer; requested funding from YWA	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
30	High	TRLIA-02	2020		Flood	Planning Engineering/Design Permitting CEQA/NEPA Facility Construction Best Management Practices Acquisition	Hollywood-Flood Risk Reduction	Three Rivers Levee Improvement Agency (MBK)	\$600,000	\$5,611,000	\$6,211,000	Apprvd by IRWM	<b>MBK developed flood project</b>	Paul Brunner	<a href="mailto:pbrunner@co.yuba.ca.us">pbrunner@co.yuba.ca.us</a>
31	High	WTLD-02	2017	SRFA	Flood	Study/Assessment Planning Facility Construction Restoration	Dry Creek Levee Improvement Project	City of Wheatland			\$10,750,000	Funding ID'd	No separate planning budget; is in another application, applying for implementation grant under Small Communities Flood Grant Program	Dane Schilling Laurie Loiza	<a href="mailto:schilling@coastlandcivil.com">schilling@coastlandcivil.com</a> <a href="mailto:loaiza@coastlandcivil.com">loaiza@coastlandcivil.com</a>
32	High	WTLD-03	2017	SRFA	Stormwater	Facility Construction Restoration Best Management Practices	North Stormwater Detention Basin Rehabilitation	City of Wheatland			\$350,000	Apprvd by IRWM	No separate planning budget	Dane Schilling Laurie Loiza	<a href="mailto:schilling@coastlandcivil.com">schilling@coastlandcivil.com</a> <a href="mailto:loaiza@coastlandcivil.com">loaiza@coastlandcivil.com</a>
33	High	WTLD-05	2019	SRFA	Stormwater	Study/Assessment, Engineering/Design, CEQA/NEPA, Facility Construction, Best Mgmt Practices, Acquisition	South Storm Water Basin	City of Wheatland			\$3,500,000	Apprvd by IRWM	No separate planning budget	Dane Schilling Laurie Loiza	<a href="mailto:schilling@coastlandcivil.com">schilling@coastlandcivil.com</a> <a href="mailto:loaiza@coastlandcivil.com">loaiza@coastlandcivil.com</a>
34	High	WTLD-06	2017	SRFA	Wastewater	Facility Construction Restoration Best Management Practices	Wastewater Treatment Plant Improvement	City of Wheatland			\$4,300,000	Apprvd by IRWM	No separate planning budget	Dane Schilling Laurie Loiza	<a href="mailto:schilling@coastlandcivil.com">schilling@coastlandcivil.com</a> <a href="mailto:loaiza@coastlandcivil.com">loaiza@coastlandcivil.com</a>
35	High	WTLD-15	2020	SRFA		Planning Permitting CEQA/NEPA Restoration Best Management Practices Demonstration/Pilot Project	Bear River Corridor Management Plan	Wheatland (Plus Plumas Lake, Unincorporated Ag and Sutter County)	\$135,000		\$135,000	Apprvd by IRWM	<b>MBK developed flood project;</b> planning only budget	Tom Engler	<a href="mailto:engler@mbkengineers.com">engler@mbkengineers.com</a>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
36	High	WTLD-16	2020	SRFA	Wastewater	Study/Assessment Engineering/Design Permitting CEQA/NEPA Facility Construction Best Management Practices	Wheatland's Regional Wastewater Treatment	City of Wheatland			\$42,100,000	Apprvd by IRWM	approved by RWMG	Dane Schilling Laurie Loaiza	<a href="mailto:schilling@coastlandcivil.com">schilling@coastlandcivil.com</a> <a href="mailto:loaiza@coastlandcivil.com">loaiza@coastlandcivil.com</a>
37	High	YWA-22	2020	SRFA	Fish Flood	Restoration	Hallwood Side Channel and Floodplain Restoration Project	Yuba Water Agency			\$7,800,000	Funding ID'd	applying for CDFW FRGP 2020 grant	Paul Cadrett, USFWS AFRP Willie Whittlesey, YWA	<a href="mailto:paul_cadrett@fws.gov">paul_cadrett@fws.gov</a> <a href="mailto:wwhittlesey@yubawater.org">wwhittlesey@yubawater.org</a>
38	Medium	BVID-03	2020	MC	Distribution?	Facility Construction	Pumpline Solar	BVID	\$0	\$1,200,000	\$1,200,000	Apprvd by IRWM	Looking for funding options	Ryan McNally	<a href="mailto:ryan@bvid.org">ryan@bvid.org</a>
39	Medium	CCP-01	2019	MC	Source Water Protection		Biomass Plant	Camptonville Community Partnership				Confirmation Requested	CCP has not sent project details/form	Lindsey Nitta Cathy LeBlanc	<a href="mailto:lindsey@theccp.org">lindsey@theccp.org</a>
40	Medium	CCSD-03	2019	MC	Stormwater		Protection of Water Main	Camptonville CSD				Confirmation Requested	Waiting on project form	Richard Dickard	<a href="mailto:rdickard@gmail.com">rdickard@gmail.com</a>
41	Medium	CCSD-04	2019	MC	Stormwater		Stormwater Runoff Redirect	Camptonville CSD				Confirmation Requested	Waiting on project form	Richard Dickard	<a href="mailto:rdickard@gmail.com">rdickard@gmail.com</a>
42	Medium	CCSD-07	2019	MC	Wastewater		Wastewater Package Service Plant	Camptonville CSD				Confirmation Requested	Waiting on project form	Richard Dickard	<a href="mailto:rdickard@gmail.com">rdickard@gmail.com</a>
43	Medium	CCSD-08	2019	MC	Security		Water Security Improvements	Camptonville CSD				Confirmation Requested	Waiting on project form	Richard Dickard	<a href="mailto:rdickard@gmail.com">rdickard@gmail.com</a>
44	Medium	CID-03	2020	SRFA	Fish Passage		"Fish Canal Weir"	Cordua ID				Confirmation Requested	New Project from Circuit Ride, no project form or budget submitted yet	Keith Davis, Cordua Mike Felice, Hallwood John Mallen, MHM	<a href="mailto:13keithdavis@comcast.net">13keithdavis@comcast.net</a> <a href="mailto:mfelice@northtreefire.com">mfelice@northtreefire.com</a> <a href="mailto:jmallen@mhm-inc.com">jmallen@mhm-inc.com</a>
45	Medium	CID-04	2020	SRFA			"Surface SCADA Water Elevation Monitoring in CID Canals"	Cordua ID (Hallwood/Ramirez/B VID?)				Confirmation Requested	New Project from Circuit Ride, no project form or budget submitted ye. CID will need design/engineering grant.	Keith Davis, Cordua Mike Felice, Hallwood John Mallen, MHM	<a href="mailto:13keithdavis@comcast.net">13keithdavis@comcast.net</a> <a href="mailto:mfelice@northtreefire.com">mfelice@northtreefire.com</a> <a href="mailto:jmallen@mhm-inc.com">jmallen@mhm-inc.com</a>
46	Medium	CID-05	2020	SRFA			"Main Canal Efficiency Project"	Cordua ID/Hallwood				Confirmation Requested	New Project from Circuit Ride, no project form or budget submitted yet. CID will need design/engineering grant.		
47	Medium	LCWD-03	2019	SRFA	Emergency, fire		Increase fire pipe capacity	Linda CWD				Project Confirmed	New Project from Circuit Ride, no project form or budget submitted yet. This is a program, not a single project, create program form and update as the projects are identified.	Brian Davis	<a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a>
48	Medium	LCWD-10	2020	SRFA	Water Supply		Well 15	Linda CWD				Confirmation Requested	New Project from Circuit Ride, no project form or budget submitted yet	Brian Davis Javier Rios	<a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a> <a href="mailto:jrios@lindawater.com">jrios@lindawater.com</a>



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
49	Medium	LCWD-11	2020	SRFA			Grit Removal Study	Linda CWD				Confirmation Requested	New project from Circuit Ride, no project short form or budget yet	Brian Davis Javier Rios	<a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a> <a href="mailto:jrios@lindawater.com">jrios@lindawater.com</a>
50	Medium	LCWD-12	2020	SRFA			Digester Cover Rehab	Linda CWD				Project Confirmed	New project, no short form or budget yet	Brian Davis Javier Rios	<a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a> <a href="mailto:jrios@lindawater.com">jrios@lindawater.com</a>
51	Medium	MARY-14	2019	SRFA	Irrigation	Facility Construction	Marysville Park Irrigation Well Initiative	Marysville	\$0	\$800,000	\$800,000	Apprvd by IRWM	In Marysville CIP	Marti brown	<a href="mailto:mbrown@marysville.ca.us">mbrown@marysville.ca.us</a>
52	Medium	NYWD-02	2017	SRFA	Distribution	Facility Construction	Dobbins Oregon House Canal Improvement Project	NYWD			\$6,778,000	Apprvd by IRWM	Not being pursued by Member Units currently; no separate planning budget provided	Jeff Maupin Leona Harris	<a href="mailto:jmaupin@nywd.org">jmaupin@nywd.org</a> <a href="mailto:lharris@nywd.org">lharris@nywd.org</a>
53	Medium	NYWD-05	2017	SRFA	Distribution	Facility Construction	New York Flat Road Water Transmission Main	NYWD			\$1,556,250	Apprvd by IRWM	Project old form 2017; design may be completed	Jeff Maupin Leona Harris	<a href="mailto:jmaupin@nywd.org">jmaupin@nywd.org</a> <a href="mailto:lharris@nywd.org">lharris@nywd.org</a>
54	Medium	NYWD-08	2019	MC	Metering	Facility Construction	Domestic Meter Replacement (ARM)	NYWD			\$3,000,000	Apprvd by IRWM	Awaiting CRWA analysis	Jeff Maupin Leona Harris	<a href="mailto:jmaupin@nywd.org">jmaupin@nywd.org</a> <a href="mailto:lharris@nywd.org">lharris@nywd.org</a>
55	Medium	OPUD-05	2019	SRFA	Emergency, Water		Emergency Intertie OPUD and LCWD	Olivehurst PUD/ Linda CWD				Project Confirmed	OPUD has not sent project detail yet	Christopher Oliver Brian Davis	<a href="mailto:coliver@opud.org">coliver@opud.org</a> <a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a>
56	Medium	RD10-04	2020		Flood	Engineering/Design Permitting CEQA/NEPA Facility Construction Best Management Practices	Deferred Maintenance	RD 10 (MBK)	\$10,000	\$86,000	\$96,000	Apprvd by IRWM	<b>MBK developed flood project</b>	Sarb Johl	<a href="mailto:sarbjoel@hotmail.com">sarbjoel@hotmail.com</a>
57	Medium	RD784-04	2017	SRFA	Stormwater	Facility Construction Best Mgmt Practices	Pump Station 1 Reconstruction	RD 784			\$500,000	Apprvd by IRWM	No separate planning budget	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
58	Medium	RD784-07	2019	SRFA	Supply	Conceptual Feasibility Study Study/Assessment Planning Engineering/Design Permitting CEQA/NEPA Facility Construction	Tahiti Pump Station Decommission	RD 784			\$330,000	Apprvd by IRWM	No separate planning budget	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
59	Medium	RD784-14	2020	SRFA			Pipe Repair due to Beaver activity	RD784 (YC)				Confirmation Requested	No project form yet	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
60	Medium	RD784-16	2020	SRFA		Acquisition	Backhoe Replacement	RD784 (YC)			\$150,119	Apprvd by IRWM	New acquisition project; approved by IRWM	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
61	Medium	<b>RD817-03</b>	2020	SRFA	Flood	Study/Assessment Planning Engineering/Design Permitting CEQA/NEPA Facility Construction Restoration Best Management Practices	Horseshoe Levee Deferred Maintenance	RD817 (MBK)	\$300,000	\$806,000	\$1,106,000	Apprvd by IRWM	<b>MBK developed flood project</b>	Joe Conant	<a href="mailto:joeconant@gmail.com">joeconant@gmail.com</a>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
62	Medium	WTLD-01	2017	SRFA	Stormwater	Facility Construction Restoration Best Management Practices	Citywide Storm Drain Improvement Project	City of Wheatland			\$420,000	Apprvd by IRWM	No separate planning budget	Dane Schilling Laurie Loaiza	<a href="mailto:schilling@coastlandcivil.com">schilling@coastlandcivil.com</a> <a href="mailto:loaiza@coastlandcivil.com">loaiza@coastlandcivil.com</a>
63	Medium	WTLD-13	2019	SRFA	Drainage	Study/Assessment , Engineering/Design, CEQA/NEPA, Facility Construction, Restoration, Best Mgmt Practices, Acquisition	North Grasshopper Slough Drainage Restoration and Ag Protection Project	City of Wheatland			\$1,860,000	Apprvd by IRWM	No separate planning budget	Dane Schilling Laurie Loaiza	<a href="mailto:schilling@coastlandcivil.com">schilling@coastlandcivil.com</a> <a href="mailto:loaiza@coastlandcivil.com">loaiza@coastlandcivil.com</a>
64	Medium	WTLD-14	2020	SRFA	Flood	Engineering/Design Permitting CEQA/NEPA Restoration Best Management Practices	Wheatland Basin Deferred Maintenance - (Wheatland, RD 2013, and RD 817)	City of Wheatland (RD2013 and RD 817) (MBK)	\$75,000	\$425,000	\$500,000	Apprvd by IRWM	<b>MBK developed flood project</b>	Tom Engler	<a href="mailto:engler@mbkengineers.com">engler@mbkengineers.com</a>
65	Medium	YWA-23	2020	SRFA	Water Conservation	Restoration	Marysville Joint Unified School District - Public Facilities Water Conservation	Yuba Water Agency			\$2,500,000	Short Form	In process of fine tuning project form	Lisa Cunningham Jackie Sillman	<a href="mailto:lcunningham@yubawater.org">lcunningham@yubawater.org</a> <a href="mailto:jsillman@yubawater.org">jsillman@yubawater.org</a>
66	Medium	YWA-24	2020	SRFA	Groundwater management	Study/Assessment Monitoring	Yuba Subbasins Airborne Electromagnetic Survey	Yuba Water Agency			\$1,600,000	Apprvd by IRWM	no separate planning budget; assessment and monitoring	Scott Matyac	<a href="mailto:smatyac@yubawater.org">smatyac@yubawater.org</a>
67	Medium	YWA-25	2020	SRFA	Groundwater management	Facility Construction Monitoring	Groundwater Level Telemetry Network	Yuba Water Agency			\$600,000	Apprvd by IRWM	New project	Scott Matyac	<a href="mailto:smatyac@yubawater.org">smatyac@yubawater.org</a>
68	Medium	YWA-26	2020	SRFA	Groundwater management	Facility Construction Monitoring Best Management Practices	City of Marysville Monitoring Well	Yuba Water Agency			\$150,000	Apprvd by IRWM	New project	Scott Matyac	<a href="mailto:smatyac@yubawater.org">smatyac@yubawater.org</a>
69	Medium	YWA-27	2020	SRFA	Water Supply Irrigation	Conceptual Feasibility Study Study/Assessment Planning Engineering/Design Permitting CEQA/NEPA Facility Construction	South Canal CIP	Yuba Water Agency				Apprvd by IRWM	New project, project detail in process	Scott Matyac	<a href="mailto:smatyac@yubawater.org">smatyac@yubawater.org</a>
70	Low	AR-01	2017	SRFA	Flood	Planning Facility Construction	Yuba Gold Fields Integrated Flood Management, Habitat, and Recreation Project	American Rivers			\$75,000,000	Apprvd by IRWM	Not actively being pursued	Steve Rothert	<a href="mailto:srothert@americanrivers.org">srothert@americanrivers.org</a>
71	Low	BYLT-01	2017	SRFA	Land	Acquisition	Yuba Land Conservation Easements	Bear Yuba Land Trust			\$5,000,000	Apprvd by IRWM	May have overlap with Smartville projects 01 and 02	Elias Grant Eric Tarr	<a href="mailto:elias@bylt.org">elias@bylt.org</a> <a href="mailto:erin@bylt.org">erin@bylt.org</a>
72	Low	DOB-01	2019	MC	Emergency, Fire		New Raw Water Distribution Line for Firefighting	Dobbins / Oregon Hse				Confirmation Requested	On hold, DOB not member of RWMG	Jennie Cavaliere	<a href="mailto:oregonhousefarms@yahoo.com">oregonhousefarms@yahoo.com</a>
73	Low	DOB-02	2019	MC	Source Water Protection		Forest Treatment for Source Water Protection	Dobbins / Oregon Hse				Confirmation Requested	On hold, DOB not member of RWMG	Jennie Cavaliere	<a href="mailto:oregonhousefarms@yahoo.com">oregonhousefarms@yahoo.com</a>
74	Low	DOB-03	2019	MC		Conceptual Feasibility Study Study/Assessment Planning	Surveying and GIS Mapping potential new customers (parcels) who are Annexed into North Yuba Water District but have not received irrigation service to their parcels	Dobbins / Oregon Hse	\$75,000	\$0	\$75,000	Short Form	On hold, DOB not member of RWMG	Jennie Cavaliere	<a href="mailto:oregonhousefarms@yahoo.com">oregonhousefarms@yahoo.com</a>

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1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
75	Low	LCWD-01	2019	SRFA	Conservation, Water Quality		Leak detection, distribution upgrades and SCADA	Linda CWD				Project Confirmed	New Project from Circuit Ride, no project form or budget submitted yet	Brian Davis	<a href="mailto:bdavis@lindawater.com">bdavis@lindawater.com</a>
76	Low	MARY-01	2019	SRFA	Emergency, power		Backup Generator – Thorntree Sewer Lift Station	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
77	Low	MARY-02	2019	SRFA	Recreation, Economic Dev.		Ellis Lake – Sidewalk and Cobblestone Bank Repairs 7	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
78	Low	MARY-03	2019	SRFA	Recreation, Economic Dev.		Rehabilitate the River District for Recreation and Eco-Tourism	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
79	Low	MARY-04	2019	SRFA	Recreation, Economic Dev.		Ellis Lake Restoration	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
80	Low	MARY-05	2019	SRFA	Stormwater		Sewer Outfall Repairs – 17th and Hall Streets	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
81	Low	MARY-06	2019	SRFA	Stormwater		Relocate Rear-Yard Sewer Lines – Various Locations	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
82	Low	MARY-07	2019	SRFA	Stormwater		Reline Sewer Line – Blue Street at SR 20	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
83	Low	MARY-08	2019	SRFA	Stormwater		Sewer and Storm Drain Repairs - 12th & J Streets	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
84	Low	MARY-09	2019	SRFA	Wastewater		Major Sewer Line Rehabilitation – 7th/8th Streets & Yuba Street	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
85	Low	MARY-11	2019	SRFA	Wastewater		Improvements to Marysville Wastewater Treatment Plant – Decommissioning	Marysville				Project Confirmed	No project form or budget yet, may be addressed in Marysville CIP	Craig Platt	<a href="mailto:cplatt@marysville.ca.us">cplatt@marysville.ca.us</a>
86	Low	MU-01	2019		Water Supply/Fish Passage	Feasibility Study	Water Supply & Fish Passage Feasibility Study	Brophy Irrigation District (All Member Units)			\$250,000	Apprvd by IRWM	Not being pursued by Member Units currently	Al Lassaga	<a href="mailto:allassaga@syix.com">allassaga@syix.com</a>
87	Low	NYWD-07	2019	MC	Emergency		NYWD Emergency Plan	NYWD				Project Confirmed	No project form or budget	Jeff Maupin Leona Harris	<a href="mailto:jmaupin@nywd.org">jmaupin@nywd.org</a> <a href="mailto:lharris@nywd.org">lharris@nywd.org</a>
88	Low	NYWD-09	2019	MC	Planning		NYWD Master Plan	NYWD				Project Confirmed	No project form or budget	Jeff Maupin Leona Harris	<a href="mailto:jmaupin@nywd.org">jmaupin@nywd.org</a> <a href="mailto:lharris@nywd.org">lharris@nywd.org</a>
89	Low	NYWD-10	2019	MC	Security		Water Security Improvements	NYWD				Project Confirmed	No project form or budget	Jeff Maupin Leona Harris	<a href="mailto:jmaupin@nywd.org">jmaupin@nywd.org</a> <a href="mailto:lharris@nywd.org">lharris@nywd.org</a>
90	Low	NYWD-11	2019	MC	Water Quality		Treatment Upgrades, water treatment plant filters, media replacement	NYWD				Project Confirmed	No project form or budget	Jeff Maupin Leona Harris	<a href="mailto:jmaupin@nywd.org">jmaupin@nywd.org</a> <a href="mailto:lharris@nywd.org">lharris@nywd.org</a>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
91	Low	RD10-01	2019	SRFA	Supply		Improvements and maintenance on 2 groundwater pumps	RD 10				Confirmation Requested	No project form or budget yet	Tom Schultz	skischultz@aol.com tschultz@sunpacific.com
92	Low	RD784-01	2017	SRFA	Flood	Planning Acquisition	Acquisition of Landside Urban Levee Maintenance Corridors	RD 784	\$5,650,000		\$5,650,000	Apprvd by IRWM	Budget is for planning and acquisition. No construction involved.	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
93	Low	RD784-08	2019	SRFA		Facility Construction	Convert Feather River Center concrete lined canal to underground collection system	RD 784			\$1,120,000	Apprvd by IRWM	No separate planning budget	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
94	Low	RD784-09	2019	SRFA		Facility Construction	Levee Protection - Fund waterside and landside pipe fences, as well as, concrete block walls to protect levees	RD 784			\$1,700,000	Apprvd by IRWM	No separate planning budget	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
95	Low	RD784-10	2019	SRFA		Conceptual Study/Assessment Planning Permitting Best Management Practices	Update RD784 Master Drainage Plan for Basins A, B, and C (urban basins)	RD 784			\$300,000	Apprvd by IRWM	Consider part of Marysville CIP and Overall S. County Stormwater Mgmt Environmental impact bond	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
96	Low	RD784-11	2019	SRFA		Engineering/Design Restoration	Relief Well Abandonment/Reinstall Fund	RD 784			\$3,240,000	Apprvd by IRWM	No separate planning budget	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
97	Low	RD784-12	2019	SRFA		Conceptual Engineering/Design Facility Construction	Replace RD784 Office/Shop Facility	RD 784			\$600,000	Apprvd by IRWM	No separate planning budget	Patrick Meagher	<a href="mailto:patrick@rd784.org">patrick@rd784.org</a>
98	Low	<del>RD817-02</del> <del>RD2103-01</del>	2017	SRFA	Flood		Bear River and Dry Creek Levee Feasibility Study	RD817 RD2103			\$1,200,000	Confirmation Requested	Long term project	Tom Engler	<a href="mailto:engler@mbengineers.com">engler@mbengineers.com</a>
99	Low	RWD-01	2020				"Pump Modernization"	Ramirez Water District				Confirmation Requested	Consider "Self Generation Incentive Program." Project Tasks: 1. Solar for pump 2. Pump replacement. 3. Debris screen. No form yet	Donald Brockhoff Charlie Engs	<a href="mailto:dbrockhoff@syix.com">dbrockhoff@syix.com</a> <a href="mailto:cengs@caoutdoorproperties.com">cengs@caoutdoorproperties.com</a>
100	Low	RWD-02	2020				"Ditch Lining"	Ramirez Water District				Confirmation Requested	New from Circuit Ride, No project form yet	Donald Brockhoff Charlie Engs	<a href="mailto:dbrockhoff@syix.com">dbrockhoff@syix.com</a> <a href="mailto:cengs@caoutdoorproperties.com">cengs@caoutdoorproperties.com</a>
101	Low	RWD-03	2020				"Ag Return Feasibility Study: Jack Slough tailwater return system:	Ramirez Water District/CID/HID				Confirmation Requested	New from Circuit Ride, No project form yet	Donald Brockhoff Charlie Engs	<a href="mailto:dbrockhoff@syix.com">dbrockhoff@syix.com</a> <a href="mailto:cengs@caoutdoorproperties.com">cengs@caoutdoorproperties.com</a>
102	Low	SCRCD-01	2017	SRFA	Conservation	Restoration Monitoring Best Management Practices	Hydrilla Eradication and Canal Lining	Sutter County RCD / NYWD			\$308,200	Apprvd by IRWM	No separate planning budget. No current contact at SCRCD.		

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1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
103	Low	SMART-01	2019	MC	Natural Resource Preservation	Acquisition	Blue Point Conservation Acquisition	Smartsville			\$4,200,000	Apprvd by IRWM	No separate planning budget; acquisition only; trying to link this parcel with YWA's education program	Brian Bisnett Kit Burton	<a href="mailto:brian@bisnettdesign.com">brian@bisnettdesign.com</a> <a href="mailto:kitburton@hotmail.com">kitburton@hotmail.com</a>
104	Low	SMART-02	2019	MC	Recreation, Economic Dev.	Construction/Acquisition	Parks Bar – Spenceville Trail Corridor	Smartsville			\$200,000	Short Form	No separate planning budget; includes land acquisition; trying to link this parcel with YWA's education program	Brian Bisnett Kit Burton	<a href="mailto:brian@bisnettdesign.com">brian@bisnettdesign.com</a> <a href="mailto:kitburton@hotmail.com">kitburton@hotmail.com</a>
105	Low	SMART-03	2019	MC	Supply	Planning Engineering/Design Permitting CEQA/NEPA	Replacement Well Water for Ending NID's Service to Smartsville	Smartsville	\$400,000	\$0	\$400,000	Short Form	Planning only budget	Brian Bisnett Kit Burton	<a href="mailto:brian@bisnettdesign.com">brian@bisnettdesign.com</a> <a href="mailto:kitburton@hotmail.com">kitburton@hotmail.com</a>
106	Low	SMART-04	2019	MC	Wastewater		Wastewater Package Service Plant	Smartsville	\$400,000	\$0	\$400,000	Short Form	Planning only budget	Brian Bisnett Kit Burton	<a href="mailto:brian@bisnettdesign.com">brian@bisnettdesign.com</a> <a href="mailto:kitburton@hotmail.com">kitburton@hotmail.com</a>
107	Low	SMART-07	2019	MC			Smartsville Area Community Plan	Smartsville	\$375,000	\$0	\$375,000	Apprvd by IRWM	Planning only budget	Brian Bisnett Kit Burton	<a href="mailto:brian@bisnettdesign.com">brian@bisnettdesign.com</a> <a href="mailto:kitburton@hotmail.com">kitburton@hotmail.com</a>
108	Low	SYRCL-01	2017	SRFA	Fish	Planning Facility Construction Restoration Monitoring Best Management Practices Demonstration/Pilot Project	Daguerre Point Dam Fish Passage Improvement	South Yuba River Citizens League			\$1,000,000	Project Confirmed	Waiting on project detail from SYRCL		
109	Low	SYRCL-02	2017	SRFA	Conservation	Best Mgmt Practices	Water Conservation Education	South Yuba River Citizens League			\$40,000	Project Confirmed	Waiting on project detail from SYRCL		
110	Low	SYRCL-03	2017	SRFA	Recreation	Best Mgmt Practices Demonstration/Pilot Project	Yuba River Recreation Projects	South Yuba River Citizens League			\$400,000	Project Confirmed	Waiting on project detail from SYRCL		
111	Low	SYRCL-04	2017	SRFA	Fish	Restoration Best Management Practices	Yuba Salmon Education	South Yuba River Citizens League			\$75,000	Project Confirmed	Waiting on project detail from SYRCL		
112	Low	SYRCL-05	2017	SRFA	Habitat	Planning Restoration Monitoring Best Management Practices Demonstration/Pilot Project	Yuba Salmon Habitat Restoration	South Yuba River Citizens League			\$150,000	Project Confirmed	Waiting on project detail from SYRCL		
113	Low	SYRCL-06	2017	SRFA	Fish	Planning Monitoring Best Management Practices	Lower Yuba Environmental Flows	South Yuba River Citizens League			\$175,000	Project Confirmed	Waiting on project detail from SYRCL		
114	Low	WTLD-04	2017	SRFA	Recycled	Study/Assessment Planning	Reclaimed Water Feasibility Study	City of Wheatland	\$165,000	\$0	\$165,000	Apprvd by IRWM	Planning only budget	Dane Schilling Laurie Loiza	<a href="mailto:schilling@coastlandcivil.com">schilling@coastlandcivil.com</a> <a href="mailto:loiza@coastlandcivil.com">loiza@coastlandcivil.com</a>
115	Low	YC-01	2017	SRFA	Stormwater	Study/Assessment, Planning, Monitoring, Best Mgmt Practices	Yuba County Airport Drainage Improvements	Yuba County			\$3,600,000	Apprvd by IRWM	low priority project	Michael Lee Daniel Peterson	<a href="mailto:mlee@co.yuba.ca.us">mlee@co.yuba.ca.us</a> <a href="mailto:dpeterson@co.yuba.ca.us">dpeterson@co.yuba.ca.us</a>

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Priority	Code	Date	Funding Area	Project Focus	Project Type	Title	Sponsor	Planning Budget	Construction Budget	Total Budget	Project Status	Summary Notes	Contact	Contact Email
116	Low	YC-04	2017	SRFA	Security		Olivehurst Pump Station	Yuba County	\$0	\$25,000	\$25,000	Apprvd by IRWM	No separate planning budget; monitoring only	Michael Lee Daniel Peterson	<a href="mailto:mlee@co.yuba.ca.us">mlee@co.yuba.ca.us</a> <a href="mailto:dpeterson@co.yuba.ca.us">dpeterson@co.yuba.ca.us</a>
117	Low	YC-06	2017	SRFA	Wastewater		Gold Village Stormwater & Wastewater Infiltration Detection Project	Yuba County			\$44,000	Apprvd by IRWM	low priority project	Michael Lee Daniel Peterson	<a href="mailto:mlee@co.yuba.ca.us">mlee@co.yuba.ca.us</a> <a href="mailto:dpeterson@co.yuba.ca.us">dpeterson@co.yuba.ca.us</a>
118	Low	YC-08	2019	SRFA	Wastewater		Wastewater management	Yuba County				Confirmation Requested	May have overlap with a Marysville project	Michael Lee Daniel Peterson	<a href="mailto:mlee@co.yuba.ca.us">mlee@co.yuba.ca.us</a> <a href="mailto:dpeterson@co.yuba.ca.us">dpeterson@co.yuba.ca.us</a>
119	Low	YC-09	2019	SRFA	Supply		Water Acquisition	Yuba County				Confirmation Requested	May have overlap with an OPUD project	Michael Lee Daniel Peterson	<a href="mailto:mlee@co.yuba.ca.us">mlee@co.yuba.ca.us</a> <a href="mailto:dpeterson@co.yuba.ca.us">dpeterson@co.yuba.ca.us</a>
120	Low	YC-12	2019	SRFA	Supply	Facility Construction Acquisition	Gold Village/River Highlands – Water Supply Reliability Project	Yuba County			\$1,055,000	Apprvd by IRWM	No separate planning budget	Michael Lee Daniel Peterson	<a href="mailto:mlee@co.yuba.ca.us">mlee@co.yuba.ca.us</a> <a href="mailto:dpeterson@co.yuba.ca.us">dpeterson@co.yuba.ca.us</a>
121	Low	YC-13	2019	SRFA	Stormwater	Engineering/Design Permitting CEQA/NEPA Facility Construction	Foothill Low Water Crossings	Yuba County			\$800,000	Apprvd by IRWM	No separate planning budget	Michael Lee Daniel Peterson	<a href="mailto:mlee@co.yuba.ca.us">mlee@co.yuba.ca.us</a> <a href="mailto:dpeterson@co.yuba.ca.us">dpeterson@co.yuba.ca.us</a>
122	Low	YC-14	2019	SRFA	Stormwater	Study/Assessment	Culvert Inventory & Assessment	Yuba County			\$500,000	Apprvd by IRWM	Planning/Assessment tool;	Michael Lee Daniel Peterson	<a href="mailto:mlee@co.yuba.ca.us">mlee@co.yuba.ca.us</a> <a href="mailto:dpeterson@co.yuba.ca.us">dpeterson@co.yuba.ca.us</a>
123	Low	YWA-03	2017	SRFA	Fish	Facility Construction	New Bullards Secondary Spillway	Yuba Water Agency			\$160,000,000	Apprvd by IRWM	short form created from existing IRWMP long-form; GEI conducting geotech borings; currently in design phase; schedule and detail needs to be added	Katie Burdick, cc Keri Rinne	
124	Low	YWA-04	2017	SRFA	Recycled	Facility Construction Best Mgmt Practices	North Area Irrigation Water Reuse	Yuba Water Agency			\$350,000	Apprvd by IRWM	low priority project	Katie Burdick, cc Keri Rinne	
125	Low	YWA-05	2017	SRFA	Fish	Facility Construction	South Yuba Canal Fish Screen	Yuba Water Agency			\$17,500,000	Apprvd by IRWM	low priority project	Katie Burdick, cc Keri Rinne	
126	Low	YWA-11	2017	SRFA	Operations	Best Mgmt Practices	New Bullards Bar Water Control Manual Update	Yuba Water Agency				Apprvd by IRWM	Budget uncertain	Katie Burdick, cc Keri Rinne	
127	Low	YWA-12	2017	SRFA	Flood	Facility Construction	New Colgate Powerhouse Tailwater Depression	Yuba Water Agency				Apprvd by IRWM	Budget uncertain	Katie Burdick, cc Keri Rinne	
128	Low	YWA-13	2017	SRFA	Supply	Study/Assessment	Regional Feather River Diversion Feasibility Study	Yuba Water Agency				Apprvd by IRWM	Budget uncertain	Katie Burdick, cc Keri Rinne	
129	Low	YWA-14	2017	SRFA	Flood	Planning Monitoring	Regional Flood Management Agency	Yuba Water Agency				Apprvd by IRWM	Budget uncertain	Katie Burdick, cc Keri Rinne	
130	Low	YWA-19	2017	SRFA	Flood	Study/Assessment Restoration Monitoring Best Mgmt Practices Demonstration/Pilot Project	Yuba County Levee Project	Yuba Water Agency				Apprvd by IRWM	Budget uncertain	Katie Burdick, cc Keri Rinne	
131	Low	YWA-20	2019	SRFA			YCWA Boundary Measurement Improvement Project	Yuba Water Agency			\$315,000	Apprvd by IRWM	low priority project	Scott Matyac	<a href="mailto:smatyac@yubawater.org">smatyac@yubawater.org</a>
132	<b>TOTALS</b>									\$16,434,930	\$87,378,090	\$488,137,680			