

2022-2023

Budget



Paradise Irrigation District

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July 15, 2022

Paradise Irrigation District
Board of Directors

The Paradise Irrigation District management and staff are pleased to present the Paradise Irrigation District's 2022/23 Budget. The basic purpose of the budgetary process is to present the District's expenditure plan and to identify the resources and revenues available to fund it. The Budget is intended to support the priorities and policies of the Board of Directors as reflected in the District's Mission Statement and its Strategic Business Plan.

History

Paradise Irrigation District (PID) is located in the Town of Paradise, a Northern California foothill community. PID was originally formed in 1916 under the laws of the California Irrigation Code for the purpose of providing agricultural water to approximately 1,000 ridge residents.

The PID treatment plant draws water from Magalia Reservoir and Paradise Lake, which hold a total of 12,293 acre-feet of water. The water treatment plant was constructed in 1995 and provides an average flow of 7.5 million gallons per day. Runoff is collected over 11.2 square miles of watershed located north and east of Magalia Reservoir. This watershed is heavily forested and sparsely populated, which contributes to the high-quality water we serve. The District has a ground water source at the D Tank reservoir site. This well produces up to 450 gallons per minute (gpm) and is used as a drought management and emergency source.

In November of 2018, the Camp Fire, the most destructive wildfire in California State history, swept through the Town of Paradise, which destroyed approximately 90% of the Town's residences and businesses within the PID service area. During the Camp Fire, a significant number of service laterals and service meters burned and melted, causing the distribution system to depressurize. The depressurization caused contaminants, especially volatile organic compounds (VOC's), to be sucked into the service lines. Following the Camp Fire, the distribution system was repressurized, leaks were repaired, and initial water quality testing began. The initial water quality testing discovered VOC contamination in multiple samples. Immediately, a "do not drink" water advisory was initiated by PID. A Water System Recovery Plan was developed and is currently under way. The Water System Recovery Plan involves extensive testing of all service laterals serving standing structures, and testing/repair of service laterals to burned lots to return potable water to all PID customers. As of July 1, 2022

As a result of the damage caused by the Camp Fire, PID has incurred significant losses in revenue and a substantial portion of its customer base. PID had grown to serve approximately 10,500 municipal and residential/commercial customers before the Camp Fire. As of the beginning of the prior fiscal year, approximately 8,800 of those customers remain. PID continues to process customer

requests to permanently disconnect service as customers continue to receive lost mail and finalize their housing decisions, however, these disconnects have slowed substantially over the prior fiscal year. PID has made significant progress through the Water System Recovery Plan and has tested and/or replaced all the service and main lines serving customers whose structure remained standing after the 2018 Camp Fire, which has enable PID to return these customers to potable service. The District continues to test, repair, and replace main lines and service lines to the remainder of the District's customer base in order to support the recovery of the town of Paradise. The District has focused recovery efforts towards supporting the rebuild by testing and/or replacing all service lines to new construction. As of the beginning of the fiscal year, the District has returned a total of approximately 4,595 customers to potable service. Approximately 4,200 customers have active service and 4600 customers are on the ready-to-serve rate.

Those customers that are active and using water are currently being charged the standard active rate. Customers that are not actively using water that are remaining with PID are currently being charged a reduced service charge set at the readiness to serve rate. These customers will continue to be charged the reduced readiness to serve rate until service is requested. Additionally, customers have not been charged consumption fees since the fire due to the damage and contamination to the District's distribution system. PID is actively working to develop the project to replace customer meters, at which point PID plans to reinstate consumption fees. The replacement of customer meters began in early 2021 and approximately 420 completed services will receive their first billings in September for usage beginning on July 1, 2022.

In May of 2022 the Paradise Irrigation District reached a settlement for a portion of its claim against the Fire Victims Trust for \$189,485,000.00 subject to the Trust's payment percentage applicable to all fire victims which may be adjusted up from time to time. The District has received 45% of the settlement to date.

District Structure and Leadership

The Paradise Irrigation District is an independent special district that operates under the authority of Division 11 of the California Water Code. The District was formed by an election in 1916 and is governed by a five-member Board of Directors, elected at-large from within the District's service area. Each Director must reside in the division they represent.

The District is an enterprise special district recognized as a local government of the State of California. Our primary source of revenue is generated through the sales of our product, drinking water for our customers. Although we are a not for profit governmental organization, we collect revenues in excess of our needs for operational purposes to invest in capital projects within our District that support our Mission Statement. The Board of Directors, similar to the Board of Directors for a corporation, works through the District Manager, similar to a CEO of a corporation, to ensure the District is operated in a businesslike manner.

A major difference between how our District operates as opposed to privately owned water companies, such as Del Oro Water Company and California Water Service Company, is that our Directors are elected from within the community and decisions on rate structures and capital

improvement projects are made at our local level. Rates are adjusted by the Board of Directors under the process established by Prop 218. Private Water Companies are regulated by the Public Utility Commission and receive rate approvals for operational and capital expenditures from this state-operated entity.

The District Manager administers the day-to-day operations of the District in accordance with policies and procedures established by the Board of Directors. The District currently employs thirty-one full time employee positions organized in departments led by supervisors and managers who are responsible for their budgets and expenses. The District's Board of Directors meet on the third Wednesday of each month at 6:30 p.m. Meetings are publicly noticed and citizens are encouraged to attend.

Government

Director	Division	Title	Term Expires
Vacant	1	Director	Dec-2022
Alan Hinman	2	Director	Dec-2022
Shelby Boston	3	President	Dec-2022
Marc Sulik	4	Vice-President	Dec-2022
Bob Matthews	5	Director	Dec-2022

Directors Responsibilities

The Board establishes policy on the District's mission, goals, and operations. The Board delegates authority to the District Manager to handle day-to-day operations. The Board sets water rates and charges and establishes an annual budget; makes contracts and employs labor as necessary to carry out the purposes of the District. The Board also has the authority to adopt policies that have the force of law within the District.

The Board reviews staff recommendations and decides which policies should be implemented in light of the District's mission and goals. The Board also monitors the implementation of its policies.

Our Mission

We are dedicated to producing and delivering a safe, dependable supply of quality water in an efficient, cost-effective manner with service that meets or exceeds the expectation of our community.

District Services

The District provides water service to approximately eight thousand eight hundred customer connections within its service area, which is located in the Foothills of Butte County. The District encompasses the Town of Paradise, California and some unincorporated areas of Butte County, California.

Budget Control

The budget for the District is kept on a cash accounting basis. Revenues are recognized when received and expenses are recognized when paid.

The District is operated as a single enterprise fund, which is an accounting entity with a self-balancing set of accounts established to record the financial position and results that pertain to a specific governmental activity. The activities of enterprise funds closely resemble those of ongoing businesses in which the purpose is to conserve and add to reserves while meeting operating expenses for current revenues. Enterprise funds account for operations that provide services on a continuous basis and, in the case of the Paradise Irrigation District, are almost entirely financed by revenues derived from user charges.

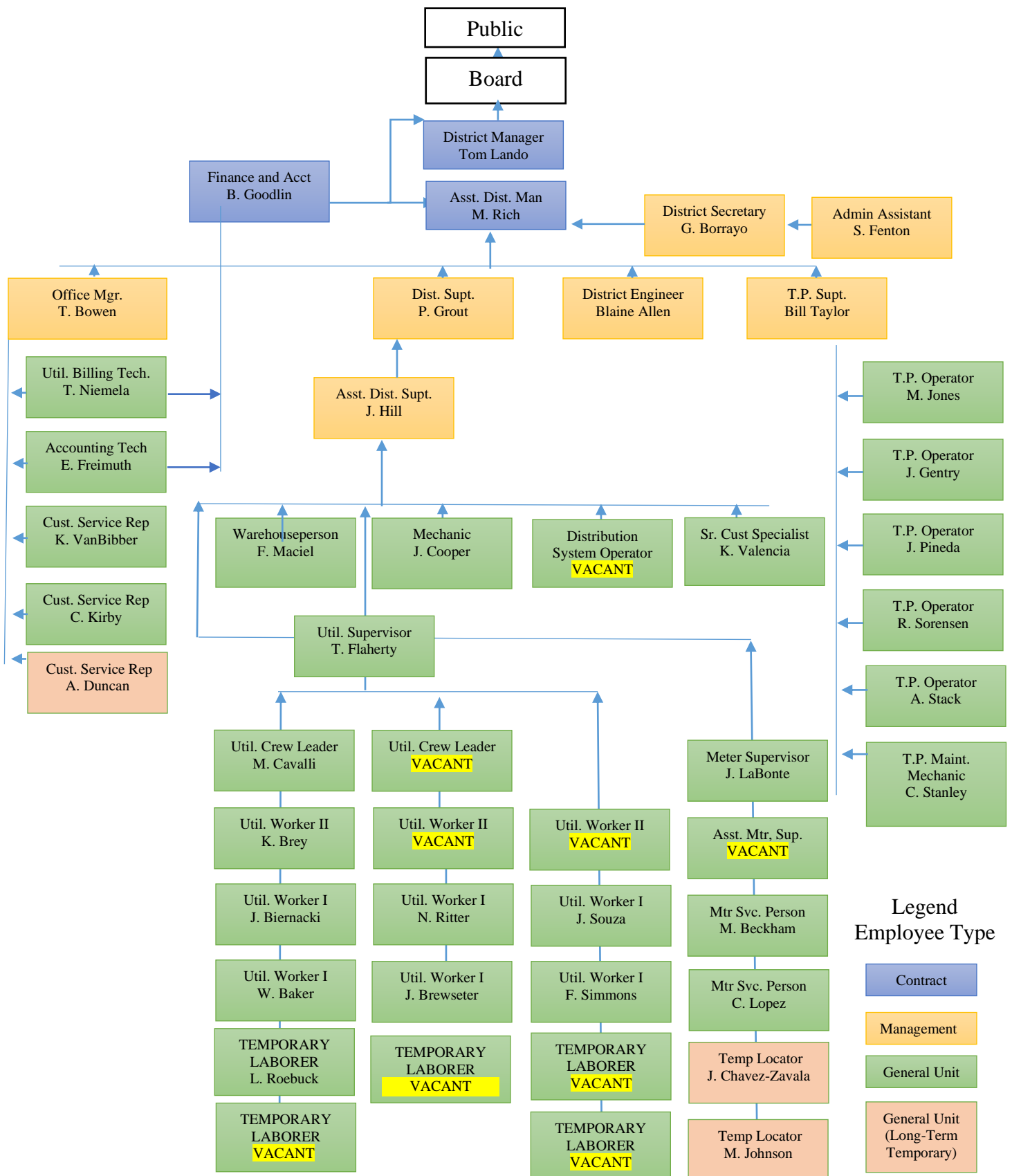
Budget Process

The Board of Directors annually adopts an operating and capital budget each fiscal year. The budget authorizes and provides the basis for reporting and control of financial operations and accountability for the District's enterprise operations and capital projects. Each year the District adopts a budget allowing it to continue to operate in the most efficient manner.

The District's budget process was developed with a series of goals and objectives in mind. These goals and objectives are developed from the Strategic Business Plan adopted by the Board of Directors. Throughout the year, the Board of Directors provides priorities and guidelines to the District Manager, the Finance and Accounting Manager, and other appropriate Staff. These priorities and other future issues and concerns are then discussed with department Supervisors and Managers during regular staff meetings. Once goals and objectives for the upcoming year are identified, consistent with those communicated by the Board of Directors, the District Manager, and his staff then begin development of the District's budget. The Budget is developed to summarize the revenue and expenses at the beginning and continue to get more detailed as the Budget continues.

An increase in the Operating and Capital budget may result in rate increases. In order to minimize the impact on District's rates, expense requirements are scrutinized to achieve operating efficiencies that maintain or improve customer service at the same time.

This budget is intended to be used for feasibility and planning purposes only. Approval of this budget by the Board of Directors does not commit the District to a particular course of action, does not constitute approval of any "project" under the California Environmental Quality Act (CEQA), and does not foreclose consideration or possible adoption of alternatives to any project, including the no project alternative. The District will comply with CEQA and other applicable laws, to the extent required, prior to approval or implementation of any project described herein.



Paradise Irrigation District
FY 2022/23 Budget
Budget Overview

	2019/20 Actual	2020/21 Actual	2021/22 Actual	2022/23 Budget
Cash Balance				
REVENUES:				
Water Sales	2,311,794	2,793,089	3,034,789	4,156,096
Outside Water Sales	105,338	118,909	167,195	250,000
Other	1,060,600	655,710	627,435	155,129
Interest	93,111	85,927	93,229	1,845,800
Taxes - 1%	380,185	432,366	212,138	275,000
Grant Rev	25,500	293,742	764	-
Inc-Capacity Fees	16,252	171,285	128,919	100,000
Revenue - PFD	54,372	62,621	76,278	79,311
Total Revenue	4,046,725	4,613,331	4,340,747	6,861,337
EXPENDITURES:				
Operating	5,260,887	5,468,220	6,107,207	7,000,697
Debt Service	841,723	936,174	1,096,245	828,834
PFD	34,043	57,704	-	150,000
Total Expenditures	6,136,653	6,462,098	7,203,452	7,979,531
Increase/(Decrease) in Cash before Recovery, Debt Proceeds, and Capital Improvements	(2,089,927)	(1,848,766)	(2,862,704)	(1,118,194)
Debt Proceeds	76,922	-	-	-
Increase/(Decrease) in Cash before Recovery and Capital Improvements	(2,013,005)	(1,848,766)	(2,862,704)	(1,118,194)
FEMA Reimbursements	159,961	2,390,485	7,422,351	12,296,848
Insurance Proceeds	4,084,707	5,068,231	401,787	1,300,000
State Funding	7,374,330	7,374,330	-	-
Other Proceeds	-	59,627	85,268,250	13,490,877
PGE Locating Reimbursements	-	-	-	198,000
Cash Available for Recovery/Capital Projects	11,618,998	14,892,673	93,092,388	27,285,725
	9,605,993	13,043,906	90,229,684	26,167,530
Major Capital/Recovery Projects	(6,414,054)	(389,853)	(19,461,982)	(26,206,616)
Minor Capital Projects	-	-	-	(1,300,771)
Increase/(Decrease) in Cash	3,191,938	12,654,054	70,767,702	(1,339,856)
Beginning Cash Balance	4,043,797	7,235,736	19,889,790	90,657,492
Ending Cash Balance	7,235,736	19,889,790	90,657,492	89,317,635

Paradise Irrigation District
FY 2022/23 Budget
Revenue Overview

The District has two forms of Cash Balances. Restricted Cash is cash that must be used for a specific purpose and the Board must use the cash for that specific purpose. Non-Restricted Cash is cash that the Board can designate for specific purposes.

The District adopted a reserving policy that defines cash is to be reserved. The information below provides a summary of the reserves calculation per the adopted policy, actual cash reserves as budgeted for FY 2022/23.

Reserve	Target Formula	
	Min	Max
Restricted		
Sick/Annual Leave Fund	As required by contract or law	
Facility Capacity Fund	As required by contract or law	
Bond Reserve Fund	As required by contract or law	
Debt Proceeds Construction Fund	As required by contract or law	
PFD Reserve Fund	As required by contract or law	

			Target Formula	
Priority	Reserve	Base Calculation	Min	Max
Non-Restricted				
1	Operating Fund	Operating Budget, including debt service & pipeline	17%	100%
2	Water Rate Stabilization Fund	Budget Water Revenue	10%	20%
3	Emergency Fund	Operating Budget, including debt service & pipeline	25%	25%
4	Drought Management Fund	Budgeted Consumption Revenue	25%	50%
5	Equipment Replacement Fund	Accumulated Equipment Depreciation	Current	100%
6	Long Term Capital Fund	10 Year Capital Plan	10%	100%

Budget 2022/23

Restricted			
Reserve	Min	Max	
Sick/Annual Leave Fund	\$ 425,818	\$ 425,818	
Facility Capacity Fund	\$ -	\$ -	
Bond Reserve Fund	\$ -	\$ -	
Debt Proceeds Construction Fund	\$ -	\$ -	
PFD Reserve Fund	\$ 663,911	\$ 663,911	
TOTAL	\$ 1,089,729	\$ 1,089,729	

Budget 2022/23

Non-Restricted				
Priority	Reserve	Base Calculation	Min	Current
1	Operating Fund	Operating Budget, including debt service & pipeline	\$ 1,331,020	\$ -
2	Water Rate Stabilization Fund	Budget Water Revenue	\$ 441,439	\$ -
3	Emergency Fund	Operating Budget, including debt service & pipeline	\$ 1,957,383	\$ -
4	Drought Management Fund	Budgeted Consumption Revenue	\$ -	\$ -
5	Equipment Replacement Fund	Accumulated Equipment Depreciation	\$ 200,000	\$ -
6	Long Term Capital Fund	10 Year Capital Plan	\$ 1,580,700	\$ -
	TOTAL		\$ 5,510,542	\$ -
TOTAL CASH RESERVES			\$ 6,600,271	\$ 1,089,729

Paradise Irrigation District
FY 2022/23 Budget
Revenue Summary

	FY 2019/20 Actual	FY 202/21 Actual	FY 2021/22 Actual	FY 2022/23 Budget
<u>General Fund/Operating</u>				
Water - Service	2,303,549	2,345,685	3,004,784	3,598,089
Water - Consumption	(918)	(44)	-	217,672
Water - Fees & Adjustments	9,164	140	30,005	340,335
Outside Water Sales	105,338	118,909	167,195	250,000
Meter Revenue	868,678	417,116	504,022	8,296
Recreation & Boating Permits	17,508	165	-	-
Backflow Check	560	-	140	-
Rents	15,496	17,386	22,652	24,180
Revenue - Surplus Property	-	-	-	-
Escrow Fees	-	-	-	-
Custom Work/PFD Reimbursement	83,973	63,315	38,174	40,000
Misc	74,386	176,009	62,446	82,654
Total Operating Income	3,477,732	3,138,682	3,829,419	4,561,226
<u>Special Revenue Fund</u>				
Capital Improvement Program				
Taxes - 1%	380,185	354,959	212,138	275,000
Interest	93,111	85,927	93,229	1,845,800
FMV Gain/Loss - Securities	(427)	(319)	-	-
Inc-Capacity Fees	16,252	154,613	128,919	100,000
RDA Reimbursement	-	-	-	-
Grant	25,500	293,977	764	-
Total Capital Improvement	514,621	889,157	435,050	2,220,800
<u>Debt Service Fund</u>				
Inc-Assessment Res (PID Share)	-	-	-	-
Total Debt Service	-	-	-	-
<u>Recovery Proceeds</u>				
State Backfill Funding	7,374,330	7,374,330	-	-
FEMA Reimbursements	159,961	2,390,485	7,422,351	12,296,848
Insurance Proceeds	4,084,707	5,068,231	401,787	1,300,000
Other Recovery Grants	-	59,627	85,268,250	13,490,877
PGE Locating Reimbursements	-	-	-	198,000
Total Recovery Proceeds	11,618,998	14,892,673	93,092,387	27,285,725
<u>PFD</u>				
Revenue - PFD	54,372	51,635	76,278	79,311
Total PFD	54,372	51,635	-	79,311
Total Revenue	15,665,723	18,972,147	97,433,134	34,147,061

Paradise Irrigation District
FY 2020/21 Budget
Current Rates

Residential									
Each HCF (748 Gallons) 4/8/16 = \$1.53; 1/1/2017 = \$1.62; 1/1/18 = \$1.61									
	4/8/2016	1/1/2017	1/1/2018	1/1/2019					
Service Charge	\$17.06	\$19.00	\$20.00	\$20.00					
Debt Surcharge	8.88	9.16	14.00	\$17.79					
Reserve Surcharge	4.77	5.18	5.18	\$5.18					
Total Service Charge	\$30.71	\$33.34	\$39.18	\$42.97					
Business									
Each HCF (748 Gallons) 4/8/16 = \$1.53; 1/1/2017 = \$1.62; 1/1/18 = \$1.61									
5/8" & 3/4 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019	2 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019
Service Charge	\$17.06	\$19.00	\$20.00	\$20.00	Service Charge	\$90.93	\$101.27	\$106.60	\$106.60
Debt Surcharge	8.88	\$9.16	\$14.00	\$17.79	Debt Surcharge	47.33	\$48.82	\$74.62	\$94.82
Reserve Surcharge	4.77	\$5.18	\$5.18	\$5.18	Reserve Surcharge	25.42	\$27.61	\$27.61	\$27.61
Total Service Charge	\$30.71	\$33.34	\$39.18	\$42.97	Total Service Charge	\$163.68	\$177.70	\$208.83	\$229.03
1 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019	3 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019
Service Charge	\$28.49	\$31.73	\$33.40	\$33.40	Service Charge	\$170.60	\$190.00	\$200.00	\$200.00
Debt Surcharge	14.83	\$15.30	\$23.38	\$29.71	Debt Surcharge	88.80	\$91.60	\$140.00	\$177.90
Reserve Surcharge	7.97	\$8.65	\$8.65	\$8.65	Reserve Surcharge	47.70	\$51.80	\$51.80	\$51.80
Total Service Charge	\$51.29	\$55.68	\$65.43	\$71.76	Total Service Charge	\$307.10	\$333.40	\$391.80	\$429.70
1-1/2 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019	4 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019
Service Charge	\$56.81	\$63.27	\$66.60	\$66.60	Service Charge	\$284.39	\$316.73	\$333.40	\$333.40
Debt Surcharge	29.57	\$30.50	\$46.62	\$59.24	Debt Surcharge	148.03	\$152.70	\$233.38	\$296.56
Reserve Surcharge	15.88	\$17.25	\$17.25	\$17.25	Reserve Surcharge	79.52	\$86.35	\$86.35	\$86.35
Total Service Charge	\$102.26	\$111.02	\$130.47	\$143.09	Total Service Charge	\$511.94	\$555.78	\$653.13	\$716.31
Irrigation, Recreation District and School District Rates									
Each HCF (748 Gallons) \$0.35									
5/8" & 3/4 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019	2 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019
Service Charge	\$17.06	\$19.00	\$20.00	\$20.00	Service Charge	\$90.93	\$101.27	\$106.60	\$106.60
Debt Surcharge	8.88	\$9.16	\$14.00	\$17.79	Debt Surcharge	47.33	\$48.82	\$74.62	\$94.82
Reserve Surcharge	4.77	\$5.18	\$5.18	\$5.18	Reserve Surcharge	25.42	\$27.61	\$27.61	\$27.61
Total Service Charge	\$30.71	\$33.34	\$39.18	\$42.97	Total Service Charge	\$163.68	\$177.70	\$208.83	\$229.03
1 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019	3 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019
Service Charge	\$28.49	\$31.73	\$33.40	\$33.40	Service Charge	\$170.60	\$190.00	\$200.00	\$200.00
Debt Surcharge	14.83	\$15.30	\$23.38	\$29.71	Debt Surcharge	88.80	\$91.60	\$140.00	\$177.90
Reserve Surcharge	7.97	\$8.65	\$8.65	\$8.65	Reserve Surcharge	47.70	\$51.80	\$51.80	\$51.80
Total Service Charge	\$51.29	\$55.68	\$65.43	\$71.76	Total Service Charge	\$307.10	\$333.40	\$391.80	\$429.70
1-1/2 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019	4 Inch Meter	4/8/2016	1/1/2017	1/1/2018	1/1/2019
Service Charge	\$56.81	\$63.27	\$66.60	\$66.60	Service Charge	\$284.39	\$316.73	\$333.40	\$333.40
Debt Surcharge	29.57	\$30.50	\$46.62	\$59.24	Debt Surcharge	148.03	\$152.70	\$233.38	\$296.56
Reserve Surcharge	15.88	\$17.25	\$17.25	\$17.25	Reserve Surcharge	79.52	\$86.35	\$86.35	\$86.35
Total Service Charge	\$102.26	\$111.02	\$130.47	\$143.09	Total Service Charge	\$511.94	\$555.78	\$653.13	\$716.31
Fire Service Connection Charges									
Each HCF (748 Gallons) 4/8/16 = \$1.53; 1/1/2017 = \$1.62; 1/1/18 = \$1.61									
	4/8/2016	1/1/2017	1/1/2018	1/1/2019		4/8/2016	1/1/2017	1/1/2018	1/1/2019
Residential	\$6.75	\$6.75	\$6.75	\$6.75	6"	\$40.48	\$40.48	\$40.48	\$40.48
2"	\$13.49	\$13.49	\$13.49	\$13.49	8"	\$53.99	\$53.99	\$53.99	\$53.99
4"	\$26.99	\$26.99	\$26.99	\$26.99					

Paradise Irrigation District
FY 2020/21 Budget
Operating Expenditure Information

Operating Budget

This section of the budget describes the individual department operating expenses from the context of the programs and services that each deliver. Programs and services are developed and adjusted annually to continue the advancement of the District's Strategic Plan. Short-term initiatives identified by the departments are included in the operating program budgets.

The District's operating budget funds day-to-day programs and functions and includes six main cost centers: Source of Supply, Security and Recreation, Water Treatment, Transmission and Distribution, Customer Service, and Administration. Major expense items in the operating program budget include salaries and benefits, materials and supplies, outside services, utilities, and insurance.

The majority of the District's operating expenses are salaries and benefits. Salaries and Benefits are 60% of the Districts operating budget (Down from 70% in 2017/18). As of the beginning of the fiscal year, the District employs 31 full-time employees. The District offers a quality benefit package to all full-time employees. The benefit package includes a defined contribution retirement plan, medical, dental and vision insurance for the employee and their family, life insurance, and long-term disability insurance. The District's retirement plan is defined contribution plan. The District contributes 9% of the employee's salary into their retirement plan every pay period. The District will also match up to 3% of the employee's voluntary retirement plan contribution. The projected operating cost for employees' salaries and benefits are based on the Memorandums of Understanding (MOU's) approved by the Board in 2020, however the MOU's are up for renegotiation in 2020.

The Districts retirement plan is different than most California State government retirement plans. Those other State Government plans are called a defined benefit plan. Those plans give the employee a guaranteed annual payment after retirement based on years of service and salary. Those plans create an unknown liability for the government agency based on prior year returns from the account and based on the actuarial calculation.

Supplies and materials make up 16% of the operating budget. The main supplies and materials are water treatment chemicals and materials for transmission/distribution repairs.

Outside services make up 10% of the operating budget. The main outside services are legal services, annual auditing services, and equipment repairs.

Utilities make up 4% of the operating budget, insurance makes up 4% of the operating budget.

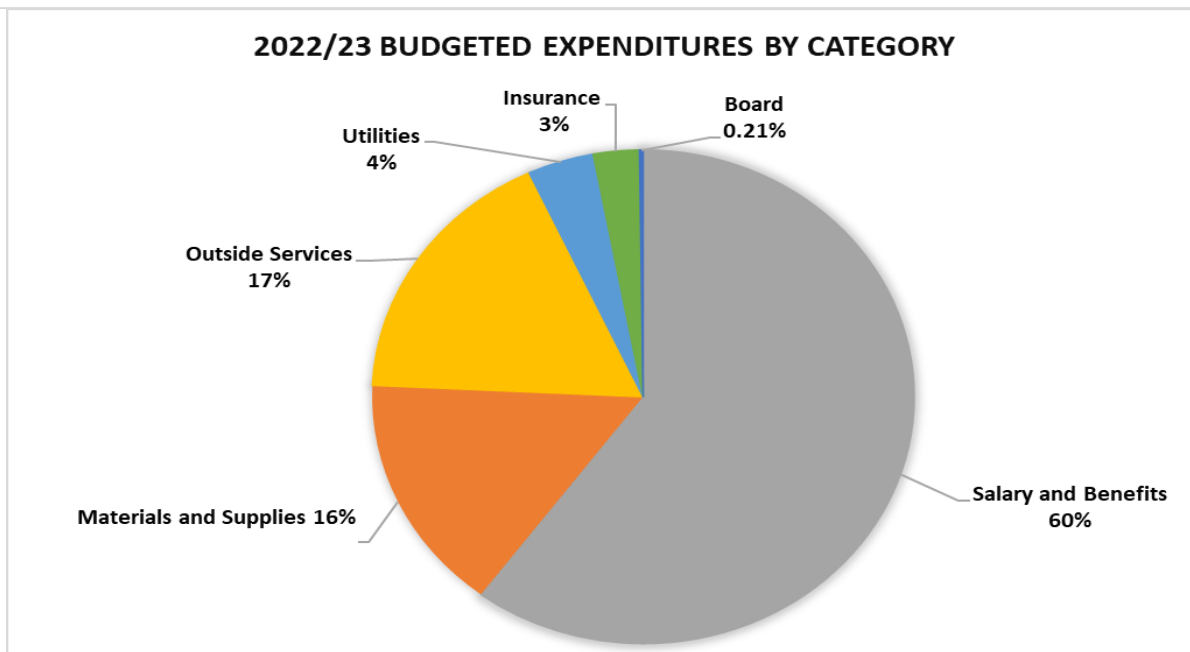
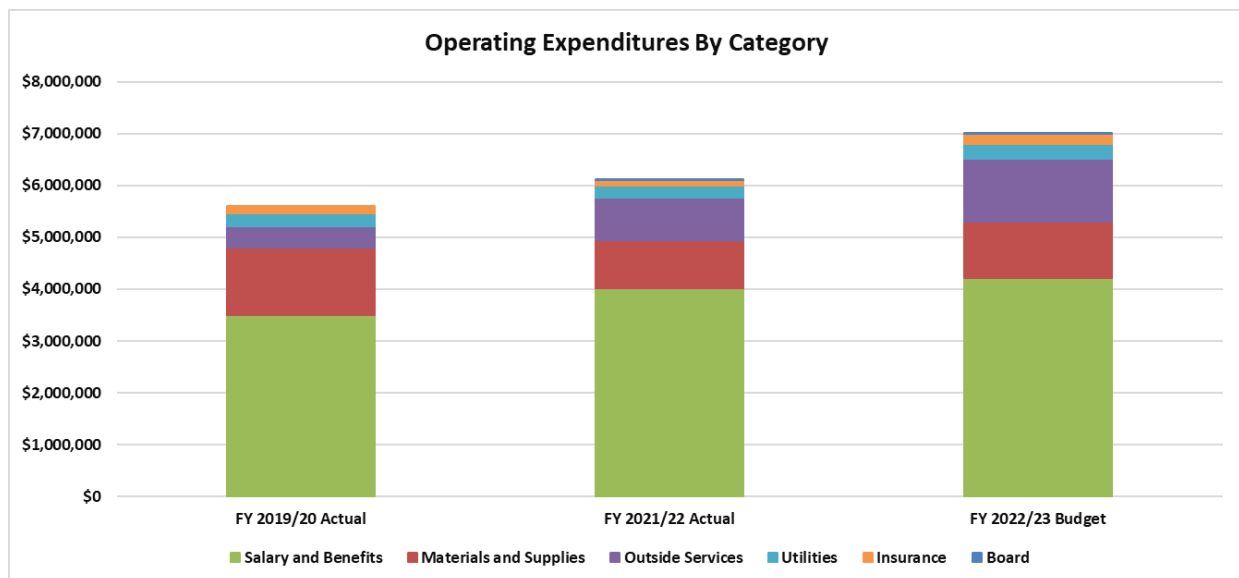
Board expenses make up 0.21% of the operating budget (Down from 1% in 2017/18).

The following charts provide a summary of budgeted operating expenses by department and by category.

Paradise Irrigation District
FY 2022/23 Budget
Operating Expenditure Summary

Operating Expenditures by Category

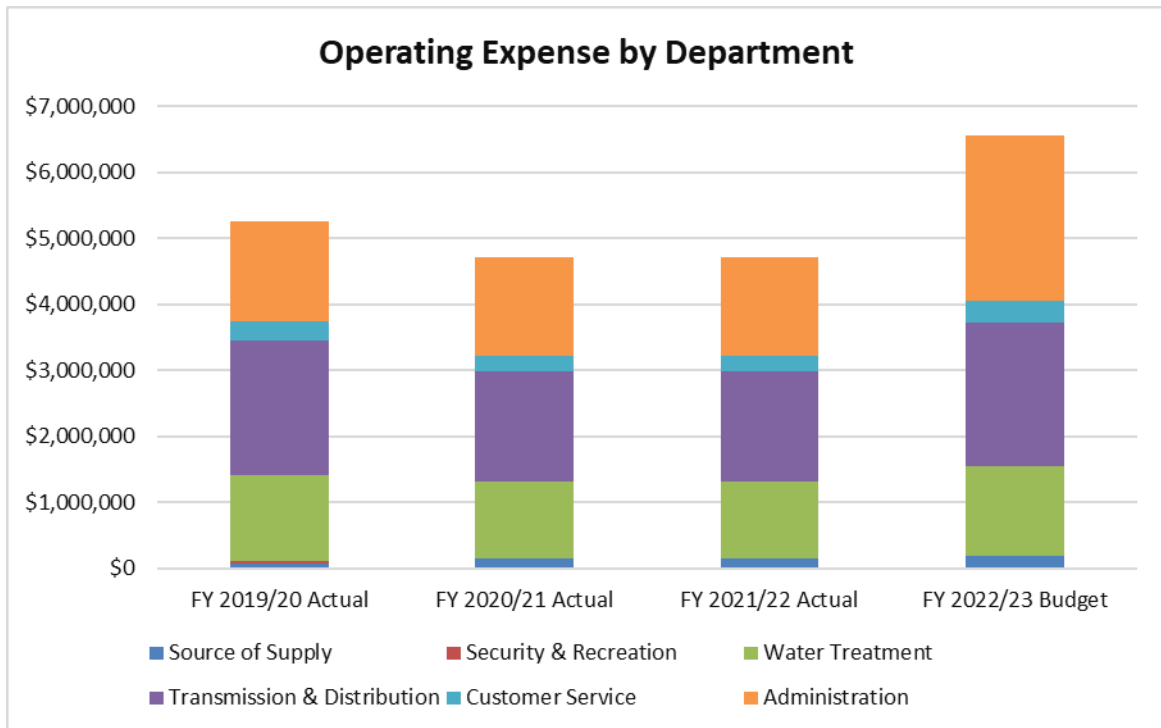
	FY 2019/20 Actual	FY 2020/21 Actual	FY 2021/22 Actual	FY 2022/23 Budget
<u>Operational Summary</u>				
Salary and Benefits	3,501,763	2,965,001	4,022,162	4,215,332
Materials and Supplies	1,296,706	678,709	920,462	1,086,915
Outside Services	412,974	684,242	813,726	1,215,000
Utilities	248,384	243,884	241,451	277,200
Insurance	137,155	127,967	105,094	191,250
Board	-	13,122	4,313	15,000
Total Operating Expense	5,596,982	4,712,924	6,107,207	7,000,697



Paradise Irrigation District
FY 2022/23 Budget
Operating Expenditure Summary

Operating Expenditures by Department

	FY 2019/20 Actual	FY 2020/21 Actual	FY 2021/22 Actual	FY 2022/23 Budget
Source of Supply	\$ 77,819	\$ 150,604	\$ 150,604	\$ 199,000
Security & Recreation	44,036	-	-	-
Water Treatment	1,284,603	1,174,412	1,174,412	1,346,858
Transmission & Distribution	2,040,957	1,658,068	1,658,068	2,187,214
Customer Service	291,064	237,448	237,448	323,795
Administration	1,522,408	1,492,426	1,492,426	2,495,550
Total Operating Expenditures	5,260,887	4,712,958	4,712,958	6,552,418



Paradise Irrigation District
FY 2022/23 Budget
Recovery Related Expenditures

Primary Title	Insurance Employment					
	Salaries	Overtime	Retirement	Benefits	Taxes	Total Pay
Assistant District Manager	100,006	-	12,001	7,889	8,751	128,646
District Manager	161,990	-	-	-	14,174	176,164
Finance and Accounting Manager	79,997	-	9,600	17,453	7,000	114,050
Contract Total	341,993	-	21,600	25,342	29,924	418,860
District Secretary	91,962	7,074	11,884	7,889	8,666	127,475
Office and Customer Service Manager	70,533	-	8,464	20,813	6,172	105,982
Assistant District Secretary	52,241	1,072	6,398	12,917	4,665	77,292
Engineer	95,763	-	11,492	20,813	8,379	136,447
District Superintendent	97,926	7,062	12,599	20,813	9,186	147,586
Assistant Superintendent	79,352	5,723	10,209	12,329	7,444	115,057
Water Treatment Plant Superintendent	127,462	12,256	16,766	17,453	12,225	186,163
Management Total	615,239	33,186	77,811	113,028	56,737	896,002
Utility Billing Technician	48,341	496	5,860	1,839	4,273	60,809
Customer Service Representative	35,198	361	4,267	1,232	3,111	44,170
Customer Service Representative	35,178	361	4,265	21,004	3,110	63,917
Customer Service Representative	33,852	347	4,104	31,608	2,992	72,904
Accounting Technician	43,427	445	5,265	28,036	3,839	81,012
Assistant Engineer	31,200	-	3,744	-	2,730	37,674
Assistant Meter Supervisor	74,676		8,961	27,816	6,534	117,987
Distribution System Operator	74,676		8,961	27,816	6,534	117,987
Mechanic	54,309	3,264	6,909	12,072	5,038	81,591
Meter Serviceperson	47,715	918	5,836	21,004	4,255	79,728
Meter Serviceperson	45,885	4,412	6,036	10,724	4,401	71,457
Meter Supervisor	74,672	-	8,961	12,072	6,534	102,238
Sr. Customer Service Specialist	51,402	527	6,232	28,036	4,544	90,740
Temporary Laborer	42,245	3,047	5,435	-	3,963	54,689
Temporary Laborer	47,004		5,640	-	4,113	56,757
Temporary Laborer	47,004		5,640	-	4,113	56,757
Temporary Laborer	47,004		5,640	-	4,113	56,757
Temporary Laborer	47,004		5,640	-	4,113	56,757
Utility Crew Leader	58,573	4,224	7,536	10,724	5,495	86,551
Utility Crew Leader	53,456	3,855	6,877	1,839	5,015	71,042
Utility Locator	45,677	3,294	5,877	28,036	4,285	87,168
Utility Locator	45,677	3,294	5,877	-	4,285	59,132
Utility Supervisor	65,666	4,736	8,448	1,232	6,160	86,242
Utility Worker I	43,930	3,168	5,652	10,724	4,121	67,595
Utility Worker I	42,245	3,047	5,435	1,839	3,963	56,528
Utility Worker I	40,581	2,927	5,221	1,839	3,807	54,374
Utility Worker I	40,581	2,927	5,221	21,004	3,807	73,539
Utility Worker I	40,581	2,927	5,221	10,724	3,807	63,259
Utility Worker I	40,581	2,927	5,221	21,004	3,807	73,539
Utility Worker II	60,324		7,239	27,816	5,278	100,657
Utility Worker II	60,324		7,239	27,816	5,278	100,657
Utility Worker II	60,324		7,239	27,816	5,278	100,657
Warehouse Person	68,536	659	8,303	21,004	6,055	104,557
Distribution System Operator	75,947	-	9,114	21,004	6,645	112,710
Water Treatment Plant Maintenance Mechanic	92,123	4,429	11,586	1,839	8,448	118,425
Water Treatment Plant Operator II	54,891	5,278	7,220	1,232	5,265	73,886
Water Treatment Plant Operator III	92,123	8,858	12,118	10,724	8,836	132,658
Water Treatment Plant Operator III	66,456	6,390	8,742	28,036	6,374	115,997
Water Treatment Plant Operator III	60,549	5,822	7,965	10,724	5,807	90,867
Water Treatment Plant Operator IV	82,911	-	9,949	21,004	7,255	121,119
Water Treatment Plant Operator V	101,234	9,734	13,316	21,004	9,710	154,998
General Total	2,274,082	92,670	284,010	552,239	207,091	3,410,092
Fully Staffed	\$ 3,231,314	\$ 125,856	\$ 383,422	\$ 690,610	\$ 293,752	\$ 4,724,954
Vacant	\$ 518,340	\$ -	\$ 62,201	\$ 139,080	\$ 45,355	\$ 764,976

Paradise Irrigation District
FY 2022/23 Budget
Capital Projects Summary

Capital Projects Program

These expenditures represent cash spent on the District's capital projects. The majority of these projects are related to recovery and repair of the damages to the Districts capital assets and infrastructure caused by the 2018 Camp Fire. The primary funding source for the majority of these projects includes FEMA/CalOES grants, insurance proceeds, and a local cost share incurred by the District. The District's local share may include work performed by District crews and/or capital outlays. The capital outlays are primarily financed through water rates and capacity fees. The District collects capacity fees from new developments to help cover the cost of expanding water system capacity to serve new development. As such, capacity fees are used to finance expansions to the water system capacity only. The District uses cash available in the long-term capital, drought management, and replacement reserves, collected from rates over a period of time, to replace or otherwise upgrade the identified capital facilities.

The categories of capital projects are:

- Major Capital Projects: The acquisition of land, facilities, works, improvements and supplies of water; and enhancements or enlargements to existing capacity and facilities for obtaining, importing, transporting and delivering additional quantities of water. This also includes significant repairs and replacement of District assets and infrastructure damaged by the 2018 Camp Fire. Major capital projects are typically included in the Districts Long-Term Capital Program.
- Minor Capital Projects: Minor capital projects include the acquisition of land, facilities, works and improvements; and enhancements or enlargements to existing capacity and facilities. Minor capital projects take less time to develop are not generally included in the Districts Long-Term Capital Program. The purchase of fixed asset equipment with a cost of \$5,000 or more. Minor changes or additions to existing District-owned grounds or buildings and the electrical, lighting, pumping, air conditioning or heating systems contained therein, which correct unsafe or unhealthful working conditions, increase operating efficiency, promote improved service to the public, and provide for the installation of equipment and security devices.

This Capital budget reflects current activities and needs identified by staff. Planning, design, or construction of capital facilities other than those contained in the budget may occur during the fiscal year subject to Board Approval. All attempts were made to accurately estimate expenditures for the fiscal year, however, budget amounts may increase or decrease as projects develop or needs justify throughout the year on the capital projects.

The following charts provide a summary of future major and minor capital projects and equipment purchases, including estimated costs. Numbers in parenthesis next to project titles represent FEMA project numbers.

Paradise Irrigation District
FY 2022/23 Budget
Capital Projects and Equipment Purchase Summary

Major Capital Projects included in the summary above are as follows:

- **Service Lateral Replacement Project**
 - Estimated Cost: \$45,854,811
 - Funding Source: FEMA 428 Fixed Cost Program, PID Local Share
 - Project Description: This project is designed to replace 4,070 damaged service laterals within the District's distribution system. The number of damaged service laterals is estimated based on initial testing performed on a random sample of service laterals serving burned parcels throughout the District's distribution system. This project includes the cost of testing the service lateral for contamination, service lateral replacement, and project/construction management. The project is designed to replace 4,070 service laterals within a 7 year time-frame to begin during FY2021/22.
- **Service Lateral Replacement Project – Completed prior to FEMA 428 Fixed Cost Program**
 - Estimated Cost: \$3,306,882
 - Funding Source: FEMA/CalOES Standard Public Assistance, PID Local Share
 - Project Description: This project is designed to replace approximately 492 service laterals expected to be completed outside of the FEMA 428 Fixed Cost Project. These service laterals are expected to be completed by Sutton Enterprises through the construction contract with PID. The cost of the project reflects the remainder of the Sutton Enterprises contract outstanding as of the beginning of FY2020/21. The full extent of these costs are expected to be incurred during FY2020/21.
- **Backflow Preventers**
 - Estimated Cost Long-Term: \$3,924,269
 - Funding Source: FEMA 428 Fixed Cost Program, PID Local Share
 - Project Description: This project is designed to install backflow preventers on all service lateral connections within the District's distribution system. The backflow preventers are part of the hazard mitigation plan for service lateral connections to prevent future contamination of the distribution system in the event of a fire or other emergency. The estimated cost for FY202/21 is based on an estimated 492 backflow devices to be installed during the year, which is estimated based on the number of interim backflow devices installed during FY2019/20. The long-term cost is based on the District's FEMA 428 project request, which includes the materials and installation cost, as well as the cost for project/construction management. The number of backflow devices to be installed is tied directly to the number of service lines to be replaced in the Service Lateral Replacement Project.

Paradise Irrigation District
FY 2022/23 Budget
Capital Projects and Equipment Purchase Summary

- **Water Meters, Housing Boxes, and AMI System**

- Estimated Replacement Cost: \$5,792,542
- Estimated Hazard Mitigation Cost: \$658,257
- Funding Source: Insurance, FEMA 428 Fixed Cost Program, PID Local Share
- Project Description: This project is designed to replace 4,562 damaged meters within the District's distribution system. The number of meters to be replaced is tied directly to the number of service lines to be replaced in the Service Lateral Replacement Project. The project includes the cost of hazard mitigation measures to prevent against future fire related damages, including changing the meters from plastic to brass and changing the housing boxes from plastic to concrete. The project also includes the cost of replacing the Automated Metering Infrastructure (AMI), testing of meters, and project/construction management. As of the beginning of FY2020/21, the project is planned to begin at the beginning of 2021. The goal is to install meters for all potable services by the end of FY2020/21, which is currently estimated at 2,000 meters. The remainder of the meters are expected to be installed over a 6 year time frame to support the rebuild process. The District is also actively working with insurance to secure funding for additional meter replacements, however, insurance claims have not been finalized at this time.

- **Main Line Replacement**

- Estimated Cost: \$29,543,360
- Funding Source: FEMA 428 Fixed Cost Program, PID Local Share
- Project Description: This project is designed to replace and repair the water distribution main pipelines and related appurtenances that were damaged and/or contaminated as a result of the 2018 Camp Fire. This includes replacement and/or repairs of 79,466 LF of water main pipe based on initial sampling results and damage assessments performed to date. The project also includes repair of additional leaks resulting from the 2018 Camp Fire, requiring replacement of an estimated 25,570 joint gaskets. The project also includes costs relating to project/construction management. Mainline repair is expected to continue beginning FY2020/21 and is expected to be completed over a 7 year time frame.

Paradise Irrigation District
FY 2022/23 Budget
Capital Projects and Equipment Purchase Summary

- **B Reservoir Replacement**

- Replacement with Dual 1.5M Steel Tanks Cost: \$9,330,000
- Funding Source: Insurance, ASADRA
- Project Description: Prior to the 2018 Camp Fire, the District's distribution system contained a 3.0 million gallon earthen, polymer lined/covered reservoir known as B Reservoir. This Reservoir was severely burned during the 2018 Camp Fire, which rendered the reservoir unusable. This project is designed to utilize hazard mitigation funding through the FEMA Public Assistance process to replace the earthen polymer reservoir with two steel tanks with a capacity of 1.5 million gallons each. The replacement of the earthen polymer reservoir with two steel tanks is intended to add resiliency against fire damage, provide redundancy in the potential event of future damage, and allows for more efficient maintenance and operation. The District is actively working to secure funding for this project, which is currently estimated to begin towards the end of FY2020/21 and is estimated to be completed over a 2 year time frame. Due to the 2 year estimated timeline of construction, the project also includes the cost of temporary facilities to serve as an interim reservoir during construction.

- **Water Works Recovery Project Support**

- Estimated Cost: \$850,000
- Funding Source: FEMA/CalOES Standard Public Assistance, PID Local Share
- Project Description: Water Works Engineers continues to provide engineering services relating to recovery program management, recovery planning, and implementation of the recovery plan. The estimated cost is based on the remaining portion of the not-to-exceed amount of the contract with Water Works Engineers and is expected to be incurred entirely during FY2020/21.

- **Public Assistance and Disaster Recovery Management Consulting Support**

- Estimated Cost: \$502,180
- Funding Source: FEMA Category Z Management Costs (5% of Obligated Funds)
- Project Description: This project relates to consulting services for FEMA Public Assistance and Disaster Recovery Management Services.

- **PG&E Locating Services**

- Estimated Cost: \$200,000
- Funding Source: PG&E
- This project relates to locating services performed by TEMPORARY EMPLOYEES to support PG&E projects within the District's jurisdiction. At the September 2019 special meeting, the Board of Directors approved the District Manager to execute an agreement with Utilquest for underground locator services and with PG&E to fund the Utilquest contract. The District is invoiced for these services and funding is provided by PG&E on a reimbursement basis.

Paradise Irrigation District
FY 2022/23 Budget
Capital Projects and Equipment Purchase Summary

- **Water Treatment Plant Repairs and Improvements**

- Estimated Cost: \$9,500,000
- The timing and funding sources for these projects are to be determined but are expected to be required within the 7-8 year timeframe projected in the major capital project plan.

Recovery Project Summary - Updated June 2022						
Project Description	Damage Category	Gross Property Damage SubTotal	Status	Original Estimated Gr	FEMA / CalOES	Insurance
Hazardous Tree Removal	Infrastructure		complete	\$ 10,210.00	\$ 9,955.00	
Emergency Protective Services	Infrastructure		complete	\$ 3,825,629.00	\$ 3,218,247.00	\$ 1,456,045.00
Smoke Damage Repair to PID District Offices	Building		complete	\$ 225,393.00		\$ 225,393.00
Smoke Damage Repair to PID Water Treatment Plant	Building		planning	\$ 67,932.00		\$ 67,932.00
Repair Damage to PID Roads	Infrastructure		planning	\$ 773,771.00		
Repair Damage to Henson Road Culvert	Infrastructure		planning	\$ 134,528.00	\$ 2,516.00	
Repair Magalia Dam	Infrastructure		planning	\$ 35,631.00		
Repair Reservoir B	Infrastructure		planning	\$ 3,030,000.00		\$ 1,208,733.00
Replace Meter and Housing Boxes & AMI	Infrastructure		in process	\$ 8,323,994.00		\$ 4,000,000.00
Replacing Service Laterals	Infrastructure		in process	\$ 79,985,603.00		
SUB ITEM - Project 1 Sutton - 492 Service Lateral Replacements		\$ 4,587,432.00	in process		\$ 4,425,870.00	
SUB ITEM - Project 2 RCI - 4070 Service Lateral Replacements		\$ 45,854,811.00	in process			
SUB ITEM - 79K+ linear feet Main Pipeline Repair / Replacement		\$ 29,543,360.00	planning			
Perimeter fencing around PID Facilities at Paradise Lake	Infrastructure		planning	\$ 578,655.00	\$ 93,750.00	
4935 Service Lateral Replacements - Code Upgrades	Infrastructure		in process	\$ 44,415,000.00	\$ 802,372.00	
Repair Exterior of Water Treatment Plant	Building		planning	\$ 50,000.00		
Additional Monitoring for Fluctuations in Water Quality and Levels	Infrastructure		in process	\$ 30,000.00		
Inspections to Paradise Dam Post-Fire	Infrastructure		complete	\$ 26,723.00	\$ 33,404.00	
Inspections to Water Tank A Post-Fire	Infrastructure		complete	\$ 7,015.00		\$ 7,015.00
Damage along conveyance pipe at Magalia Reservoir	Infrastructure		planning	\$ 25,000.00		
Additional Contingencies for FEMA Projects	Infrastructure			\$ 422,000.00		
Grant Management Costs 5%						
Backhoes/heavy construction equipment damaged and/or destroyed			complete		\$ 33,695.00	\$ 413,500.00
Totals				\$ 141,967,084.00	\$ 8,996,090.00	\$ 7,378,618.00

Paradise Irrigation District
FY 2022/23 Budget
Capital Projects and Equipment Purchase Summary

What	Category	Amount	Dept	Priority	Justification / Narrative
Survey Tools	Equipment	17,000	Admin	1	Includes annual licensing fees. Necessary to do job.
IT	Infrastructure	100,000	Admin	2	
Reseal/ Restripe Parking Lot	Infrastructure	50,000	Admin	2	The low er parking lot is very cracked and uneven. Most parking spaces are double stiped. The red fire lane curbs, Handicapped spots, and the yellow caution curbs are all faded. We are currently out of compliance w ith OSHA standards.
Lake Monitor	Equipment	50,000	Source	1	Mostly just labor left at this point, equipment purchased 2018
Ball Valve	Equipment	250,000	Source	2	Wrong valve type for application, very scary to open more than 50%
Gabion Wall	Infrastructure	200,000	Source	1	DSOD requirement due to poor rating of dam
Dump Trailer	Equipment	20,000	T&D	1	Due to lack of commercial drivers this trailer w ould make it so a class C driver could haul equipment and w ould be beneficial for property clean up.
F-450	Equipment	80,000	T&D	1	This w ould be a class C dump truck that any non CDL driver could operate to haul material. It is also heavy duty enough to haul various equipment.
Masticator	Equipment	50,000	T&D	1	Regrowth on PID lands is bad and we need to start doing something about it. This implement w ould greatly reduce the time spent on clearing all of PID's properties and keep all cross country mains clear from vegetation. This vegetation has not been managed since the fire.
Misc.	Equipment	25,000	T&D	1	This is a yearly line item to cover worn out or broken tools for field operations.
Pipeline	Infrastructure	200,000	T&D	1	Project estimated around \$900,000, most of which FEMA will reimburse. This amount represents the pipelines that are not included in the scope of the FEMA project.
Tank Recoating	Infrastructure	1,500,000	T&D	1	These tanks were to go to bid for repair and recoat late 2018 but was deferred due to fire. Tanks are in poor shape, with lead paint on the outer shell that needs to be abated. The coating of our water storage tanks are in poor condition and need to be dealt with before it turns into a total tank replacement.
Vehicle Replacement	Equipment	2,070,000	T&D	1	88% of current fleet is over 10 years old, well beyond warranty. Mechanic is currently spending 70% of time repairing damage to fleet that could be avoided if truck was still warrantied. Priority is given to repair so we can get the truck back out there, postponing the regular scheduled maintenance on the remaining vehicles, thus perpetuating the cycle. Mechanic does not have the capacity to maintain the current fleet and keep up on the other standard duties of fabrication and welding that is needed for completed rebuild projects.
Generator	Infrastructure	1,000,000	WTP	1	Existing generator is 1995 vintage, put numerous hours on it during camp fire and PSPS events. If it dies we are out of business
Pump Station	Infrastructure	1,000,000	WTP	1	This is a pump station at the plant to pump water to A zone. We only have one pump station, if something happens to it A zone is out of water.
Pipeline	Infrastructure	1,000,000	WTP	1	This will give us a second source of water feeding the town if something were to happen to the 42.
EQ Tank	Infrastructure	8,000,000	WTP	1	EQ tank serious rust issues needs to be replaced, problem is there is no way to take the tank offline for more than a few hours. One of the few systems at the plant with no redundancy.
Cathodic proection	Infrastructure	50,000	WTP	1	System for protecting plant piping not operational, needs to be replaced.
Cathodic proection	Infrastructure	50,000	WTP	1	System for protecting steel tanks (below water line) needs to be installed in Raw and Tank A, replaced in E and checked in C & D
Asphalt Repair	Infrastructure	75,000	WTP	2	Original asphalt at plant in poor condition
Raw Water Tank	Infrastructure	20,000	WTP	2	Tank coating starting to show its age, think we can touch it up in a few spots and get a few more years out of it.
Total		15,807,000		20	

Paradise Irrigation District
FY 2022/23 Budget
Debt Service

The Debt Service Budget for the District in FY 2022/23 is presented in this section. District debt service is a non-operating expense item of the budget, which includes principal and interest payment associated with the original loan.

Loan Name	FY 2019/20 Actual Total Payments	FY 2020/21 Actual Total Payments	FY 2021/22 Actual Total Payments	FY 2022/23 Estimated Total Payments
IBANK	-	-	-	-
2016 Private Placement (Refi)	246,002	340,587	244,059	244,074
2017 Private Placement (Refi)	595,721	595,587	852,186	584,760
New Debt	-	-	-	-
Total	841,723	936,174	1,096,245	828,834

CURRENT OUTSTANDING DEBT

Loan	Initial Year	Capital Project
2017 Private Placement (Refi)	2017	Meter Replacement Project
IBANK	2007	Magalia Bypass
2016 Private Placement (Refi)	2016	Billie Road Pipeline, SCADA, & Corp Yard

Paradise Irrigation District
FY 2022/23 Budget
Debt Service

California Infrastructure and Economic Development Bank

	<u>Original</u>	<u>2019 Refinance</u>
Note number:	CIEDB 07-077	
Debt Service Title:	IBANK	
Capital Projects:	Magalia Bypass	
Initial Year:	2007	
Final Year:	September 1, 2027	September 1, 2032
Original Borrowing Amount:	\$2,000,000	
Length of Loan:	20 years	25 years
Interest Rate:	2.77%	1.00 %
Annual Payment:	Various	Various
Current Balance:	\$1,233,202	\$1,053,395
FY 2019/20 Payment	\$133,271	\$0

Date	Balance	Interest	Principal	Principal & Interest Payment	Annual Fee	Total Payment
9/1/2009	1,923,811	26,645	78,300	104,944	5,771	110,716
2/1/2010	1,845,511	25,560	-	25,560	-	25,560
9/1/2010	1,845,511	25,560	80,468	106,029	5,537	111,565
2/1/2011	1,765,043	24,446	-	24,446	-	24,446
9/1/2011	1,765,043	24,446	82,697	107,143	5,295	112,438
2/1/2012	1,682,346	23,300	-	23,300	-	23,300
9/1/2012	1,682,346	23,300	84,988	108,289	5,047	113,336
2/1/2013	1,597,358	22,123	-	22,123	-	22,123
9/1/2013	1,597,358	22,123	87,342	109,466	4,792	114,258
2/1/2014	1,510,015	20,914	-	20,914	-	20,914
9/1/2014	1,510,015	20,914	89,762	110,675	4,530	115,205
2/1/2015	1,420,254	19,671	-	19,671	-	19,671
9/1/2015	1,420,254	19,671	92,248	111,919	4,261	116,179
2/1/2016	1,328,006	18,393	-	18,393	-	18,393
9/1/2016	1,328,006	18,393	94,803	113,196	3,984	117,180
2/1/2017	1,233,202	17,080	-	17,080	-	17,080
9/1/2017	1,233,202	17,080	97,429	114,509	3,700	118,209
2/1/2018	1,135,773	15,730	-	15,730	-	15,730
9/1/2018	1,135,773	15,730	100,128	115,859	3,407	119,266
2/1/2019	1,035,645	14,344	-	14,344	-	14,344
9/1/2019	1,053,395	-	-	-	-	-
2/1/2020	1,053,395	-	-	-	-	-
9/1/2020	1,053,395	-	-	-	-	-
2/1/2021	1,053,395	-	-	-	-	-
9/1/2021	1,053,395	-	-	-	-	-
2/1/2022	1,053,395	-	-	-	-	-
9/1/2022	1,053,395	-	-	-	-	-
2/1/2023	1,053,395	-	-	-	-	-
9/1/2023	1,053,395	-	-	-	-	-
2/1/2024	1,053,395	-	-	-	-	-
9/1/2024	1,053,095	-	91,044	91,044	-	91,044
2/1/2025	962,051	4,810	-	4,810	-	4,810
9/1/2025	962,051	4,810	91,955	96,765	2,886	99,651
2/1/2026	870,096	4,350	-	4,350	-	4,350
9/1/2026	870,096	4,350	92,874	97,225	2,610	99,835
2/1/2027	777,222	3,886	-	3,886	-	3,886
9/1/2027	777,222	3,886	93,803	97,689	2,332	100,021
2/1/2028	683,419	3,417	-	3,417	-	3,417
9/1/2028	683,419	3,417	94,741	98,158	2,050	100,208
2/1/2029	588,677	2,943	-	2,943	-	2,943
9/1/2029	588,677	2,943	95,689	98,632	1,766	100,398
2/1/2030	492,989	2,465	-	2,465	-	2,465
9/1/2030	492,989	2,465	96,645	99,110	1,479	100,589
2/1/2031	396,344	1,982	-	1,982	-	1,982
9/1/2031	396,344	1,982	97,612	99,594	1,189	100,783
2/1/2032	298,732	1,494	-	1,494	-	1,494
9/1/2032	298,732	1,494	98,588	100,082	896	100,978
2/1/2033	200,144	1,001	-	1,001	-	1,001
9/1/2033	200,144	1,001	99,574	100,575	600	101,175
2/1/2034	100,570	503	-	503	-	503
9/1/2034	100,570	503	100,570	101,072	302	101,374

Paradise Irrigation District
FY 2022/23 Budget
Debt Service

2016 Private Placement Loan

Note number:
Debt Service Title: Private Placement Loan (Refi)
Capital Projects: Billie Pipeline Project
SCADA
Corporation Yard
Initial Year: 2016
Final Year: Nov 1, 2028
Original Borrowing Amount: \$2,640,000
Length of Loan: 13 years
Interest Rate: 2.42%
Annual Payment: \$244,325
Current Balance: \$2,345,000
FY 2019/20 Payment \$246,001.50

Date	Balance	Interest	Principal	Principal & Interest Payment
8/31/2016	2,640,000			
11/1/2016	2,640,000	10,825	111,000	121,825.47
5/1/2017	2,529,000	30,601	91,000	121,600.90
11/1/2017	2,438,000	29,500	93,000	122,499.80
5/1/2018	2,345,000	28,375	94,000	122,374.50
11/1/2018	2,251,000	27,237	95,000	122,237.10
5/1/2019	2,156,000	26,088	-	26,087.60
11/1/2019	2,156,000	26,088	97,000	123,087.60
5/1/2020	2,059,000	24,914	98,000	122,913.90
11/1/2020	1,961,000	23,728	99,000	122,728.10
5/1/2021	1,862,000	22,530	101,000	123,530.20
11/1/2021	1,761,000	21,308	102,000	123,308.10
5/1/2022	1,659,000	20,074	103,000	123,073.90
11/1/2022	1,556,000	18,828	104,000	122,827.60
5/1/2023	1,452,000	17,569	106,000	123,569.20
11/1/2023	1,346,000	16,287	107,000	123,286.60
5/1/2024	1,239,000	14,992	108,000	122,991.90
11/1/2024	1,131,000	13,685	109,000	122,685.10
5/1/2025	1,022,000	12,366	111,000	123,366.20
11/1/2025	911,000	11,023	112,000	123,023.10
5/1/2026	799,000	9,668	114,000	123,667.90
11/1/2026	685,000	8,289	115,000	123,288.50
5/1/2027	570,000	6,897	116,000	122,897.00
11/1/2027	454,000	5,493	118,000	123,493.40
5/1/2028	336,000	4,066	119,000	123,065.60
11/1/2028	217,000	2,626	217,000	219,625.70

Paradise Irrigation District
FY 2022/23 Budget
Debt Service

2017 Private Placement Loan

Note number:
Debt Service Title: 2018 Private Placement (Refi)
Capital Projects: Meter Replacement Project
Initial Year: 2017
Final Year: Oct 1, 2024
Original Borrowing Amount: \$3,361,900
Length of Loan: 7 years
Interest Rate: 2.28%
Annual Payment: Various
Current Balance: \$3,308,000
FY 2019/20 Payment \$595,721

Date	Balance	Interest	Principal	Principal & Interest Payment
12/21/2017	3,361,900			
4/1/2018	3,361,900	21,292	53,900	75,192.03
10/1/2018	3,308,000	37,711	258,100	295,811.20
4/1/2019	3,049,900	34,769	-	34,768.86
10/1/2019	3,049,900	34,769	264,600	299,368.86
4/1/2020	2,785,300	31,752	264,600	296,352.42
10/1/2020	2,520,700	28,736	270,600	299,335.98
4/1/2021	2,250,100	25,651	270,600	296,251.14
10/1/2021	1,979,500	22,566	276,000	298,566.30
4/1/2022	1,703,500	19,420	534,200	553,619.90
10/1/2022	1,169,300	13,330	280,700	294,030.02
4/1/2023	888,600	10,130	280,600	290,730.04
10/1/2023	608,000	6,931	287,000	293,931.20
4/1/2024	321,000	3,659	287,000	290,659.40
10/1/2024	34,000	388	34,000	34,387.60