FY 2020-21

PROPOSED BUDGET

1701 North Lombard Street, Suite 200, Oxnard, CA 93030
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United Water
CONSERVATION DISTRICT

The OH Pipeline provides water to the cities of Oxnard and Port Hueneme

Piru Creek

The Freeman Diversion in operations in 2017

United Water
CONSERVATION DISTRICT

May 1, 2020

Board of Directors
United Water Conservation District

Subject: Proposed Budget for Fiscal Year 2020-21

Honorable Board Members:

Introduction

Enclosed is the Proposed FY 2020-21 Budget for the District. As required by the District's Budget Submittal Policy, the General Manager will present the draft budget to the Board and District ratepayers by in May in order to provide sufficient review and discussion time prior to final adoption in June 2020.

The schedule for the budget review period will be as follows:

TBD	•	Pleasant Valley Pipeline representatives meet to discuss the proposed budget and rates
May 12	•	Oxnard Hueneme Pipeline users meet to discuss the proposed budget and rates (required by Water Delivery Agreement)
May 1 – June 12	•	Budget document review period
May 13	•	Pumping Trough Pipeline users meeting to discuss proposed budget and rates
May 23	•	Budget Study Session
June 10	•	Groundwater Hearing and FY 2020-21 Budget Consideration

The Budget Development Process

The Proposed Budget is the Board's policy document providing organizational and financial directives to staff for the next 12 months, in keeping with the overall mission of the District.

While this budget reflects our best estimates of the operating expense and capital needs for the coming year, based on all available information at the time of publication, it must be a flexible plan. Changing economic conditions and unanticipated operating, legal or legislative developments will require that the plan be revised through supplemental appropriations and/or modifications of expenditures. Any changes made throughout the fiscal year will be clearly documented and reviewed monthly by the Finance Committee. Staff reports will contain fiscal impact information and identify funding sources to cover resulting budget increases. All

recommended revisions to the adopted budget during the fiscal year will be presented to the Board for discussion and approval in accordance with the District's Budget Amendment Policy.

The District's entire budget is developed in the context of the District mission—to protect and augment water supplies for the benefit of the residents and businesses within the District—and is guided by the priority and policy direction provided by the District Board.

To prepare the budget, Finance staff reviewed current levels of spend, identified mandatory COLA and inflationary increases, sought out areas of efficiency gains where costs would increase at less than the rate of work or material increase. From there, we determine what new operational, legal/compliance and capital project activities will be required in the coming year in order to continue improvement in the District's ability to meet its mission.

Although United's recharge and other water conservation efforts may not be uniform in each area of the District on an annual basis, over time the information available to the District clearly shows that the District's conservation efforts benefit the entire service area. In order to apportion those costs which are not directly related to one specific zone or facility (e.g., pipeline), staff uses Board policies and guidelines as well as their professional judgment to allocate the costs to one or more zones/facilities in a consistent and fiscally sound manner. For an example of how the District apportions cost over multiple funds, please see the Environmental Activities Cost Allocation Policy in the District's Financial Policies document.

Groundwater extraction and water delivery charges are then calculated identifying all necessary expenditures for operations, asset replacements and reserve requirements. Consistent with its statutory mandate under the California Water Code, the net expenditures covered by the extraction charges are divided by the projected groundwater extraction volumes for each zone. The results provide the lowest statutorily allowable 3:1 ratio (municipal and industrial to agricultural) charge to customers. Quantitative analysis providing factual support for the 3:1 ratio between agricultural water and non-agricultural water charges will be provided at the Board's May Budget Workshop and at the June 10 Public Hearing. The analysis demonstrated that rates of groundwater charges:

- Are necessary to carry out the District's regulatory mission;
- Do not exceed the reasonable cost of providing the services necessary to the activity on which the fees are based; and
- That the cost allocation method bears a fair and reasonable relationship to the payer's burdens on, or benefits received from, the District's activity.

As always, in determining what is to be included in the budget, staff considers the following:

- Status Quo Operations – The budget should include only the minimum funding needed to run the District's current operations, with limited discretionary funding. Necessary or operational efficiency maintenance should not be deferred. At the same time, staff should pursue continuous improvement opportunities and consider minimizing or eliminating any status quo operations that no longer need to be performed.

- Continuing the District's long-standing mission – proactive awareness and accountability of our regulatory mission as a groundwater guardian (i.e. planning and

preemptive action) that guides our efforts in balancing a limited supply of water for use by people and the environment.

- Address safety issues for employees, and protection of District assets and constituents.
- Address all mandated or legal requirements of the District.
- Ensure the financial stability capabilities of the District and ensure that appropriate and/or reasonable reserve levels for all funds are maintained in accordance with the Reserve Policy. In the future, the Board may need to consider increasing the reserves as the District addresses legal/regulatory mandates, undertakes large infrastructure improvements and makes long-term water-purchasing plans.
- Address major rehabilitation or replacement for key District infrastructure that are necessary due to the aging process before more serious emergency repairs are needed.

Staff is proposing a balanced budget to the Board. The budget successfully incorporates all of the aforementioned priorities and includes rate increases to ensure the advancement of the District's mandates and mission. The budget is fiscally prudent and, staff believes, in the best interest of the District and our ratepayers. Each fund's spending plan and estimated funding resources will be discussed later in this document.

FY 2020-21 Budget Summary

Despite experiencing a rather wet 2019, we are now in a drier than normal year and water conservation and protection remain critical. While conservation and protection of the aquifers is the core of the District's mission, extensive regulatory and legal circumstances, aging infrastructure, and the critical need for new/alternative water sources are challenging District resources. The budget attempts to 1) continue progressing with environmental and regulatory compliance matters (specifically ESA and FERC compliance), 2) address immediate infrastructure needs as well as prepare for future capital costs, and 3) explore alternatives and technological options that advance the District's core mission of water conservation.

The Capital Improvement Project (CIP) budget for FY 2020-21 is $10.2 million. The largest project planned for next year is Iron and Manganese Treatment for the OH Pipeline, where construction is planned to commence in FY20-21. This project, as well as the installation of an emergency generator to service the OH Pipeline, will make up $4.9 million of the CIP budget. Other projects in the coming year are the ongoing work of repairs and improvements at the Santa Felicia dam and the Freeman diversion, as well as development of the Ferro-Rose Recharge, Brackish Water and Recycled Water Treatment projects. A detailed list of CIP projects is found beginning on page 53 of the budget document.

Personnel costs are $10.9 million for FY 2020-21. This is an increase of $500 thousand from the prior year and reflects contractually mandated cost of living increases and step increases in salaries as well as increases in medical insurance and other benefits. A more comprehensive list of staffing levels is located on page 17 of the budget.

Included in the budget are $685 thousand of Capital Outlay costs that are summarized on page 20 of the budget document. The planned Capital Outlay includes $360 thousand for replacement of District vehicles that had been postponed in past budgets. As a consequence, the maintenance costs of these vehicles have outstripped the vehicle value and, in the case of the water truck, the vehicle is no longer street legal.

A total of $9.3 million is included in the budget for contractual services. $1.5 million is related to FERC and ESA/HCP compliance matters (excluding legal costs), another $5.5 million is for all legal services. Judicial court developments have made it necessary to create a legal reserve of $3.3 million, which is included in the total legal services budget. $355 thousand is planned for PMC, the concessionaire at the Lake Piru recreation area. A summary list of all contractual services is located on page 20 of the budget document.

The budget also includes allocations of $2.5 million for FY 2020-21 to meet the District's debt service obligations. This has increased from the prior year in anticipation of taking on more debt to support the ambitious CIP planned in FY20-21. Other general operating expenditures account for the remaining expenditures in the budget.

In order to accomplish the goals set forth in the budget, rate increases to the Groundwater Extraction/Replenishment charges for the Water Conservation Activities Fund (Zone A) and Freeman Fund (Zone B) are necessary and therefore recommended for FY 2020-21. The rates are discussed further below in this letter and a complete table of groundwater and pipeline rates is found on page 11.

The budget also includes rate adjustments for the three pipeline funds (Oxnard Hueneme, Pleasant Valley, and the Pumping Trough Pipeline) as described in the Operating Funds Overview section of this letter. These rate adjustments are essential to continue operation of these enterprises and maintain required reserve levels.

Operating Overview

Groundwater Pumping and Pipeline Rates:

As the District is committed to consistently improving the water supply available to its users as well assuring that that supply is available when and where the users need it, the financial resource demands on the District will grow substantially in FY 2020-21. Operating expenses are planned to increase by 6%. These increases will support, among other things, improved dam safety at Santa Felicia and a rehabilitation of the Freeman diversion—all while navigating the ever-changing legislative and regulatory currents that govern our operations. While total CIP expenditure will increase as large projects advance toward construction, due to carryovers from FY19-20, new CIP appropriations for the year will decrease by 17% to $10 million.

In the coming year, the District will issue new debt to finance part of its CIP program. However, excess debt limits operational flexibility in future years. Therefore, groundwater rate increases will be necessary in FY 2020-21. The Zone A Groundwater Extraction Charge will increase by $2.71 and $8.13 per acre-foot for Agricultural and Municipal & Industrial (M&I) users, respectively. In Zone B, the Groundwater Extraction Charge will increase by $2.37 for Agricultural users and $7.10 for M&I users.

The adopted rates reflect the minimum 3:1 rate ratio for non-agricultural (M&I) water to Agricultural water ***required*** by the California Water Code. The California Water Code authorizes the District to set the M&I to Agricultural rate ratio as high as 5:1. In 2017, the California Supreme Court ruled that the District's extraction charges are not subject to Proposition 218. The District, however, must meet its burden of showing compliance with Proposition 26 to the extent that the groundwater extraction charges provide different rates for agricultural water and for non-agricultural water. Since FY 2013-14, the District has conducted two cost-of-service rate analyses (studies) to provide quantitative factual support for the different rates. The updated analyses for FY 2020-21 was considered by the Board prior to its final action on the adopted increase on Water Conservation Extraction Charges

The charts below illustrate the history of the District's groundwater extraction rates over the past ten years and the year-on-year dollar growth in the rates. Further detail on proposed rates for FY 2020-21 can be found on page 11.

Revenue:

The table on the following page outlines the projected revenue for FY 2020-21 along with a breakdown by fund and revenue type. The same figures are provided for FY 2019-20 for purposes of comparison. Note that this table only includes revenue from the ordinary course of business—property taxes, pumping and delivery charges. It does not include proceeds from debt issuance or from the disposal of assets.

in USD'000s	General/Water Conservation Fund	State Water Fund	Freeman Fund	OH Pipeline Fun	PV Pipeline Fund	PT Pipeline Fund	Special Water Fund	TOTAL
Budget 2020-21								
Property Tax	2,828	719						3,547
Water Deliveries	1,869		1,178	3,783	134	2,224		9,189
Groundwater	11,085		3,485					14,570
Other	1,135	19	55	550	9	245	518	2,531
Revenue	**16,918**	**738**	**4,719**	**4,333**	**143**	**2,469**	**518**	**29,837**
Budget 2019-20								
Property Tax	2,873	1,623						4,496
Water Deliveries	1,840		1,138	4,211	323	1,928		9,440
Groundwater	11,689		3,502					15,191
Other	1,066	41	100	509	16	513	555	2,799
Revenue	**17,468**	**1,664**	**4,740**	**4,719**	**338**	**2,441**	**555**	**31,926**
Variance								
Property Tax	(45)	(904)	0	0	0	0	0	(949)
Water Deliveries	29	0	40	(428)	(189)	296	0	(251)
Groundwater	(604)	0	(17)	0	0	0	0	(621)
Other	69	(23)	(45)	42	(7)	(268)	(37)	(268)
Revenue	**(550)**	**(927)**	**(21)**	**(386)**	**(196)**	**28**	**(37)**	**(2,089)**

- Groundwater revenue down slightly as increased rates offset by lower planned pumping volumes (vs FY 2019-20 Budget).
- The budget for the State Water Import Fund includes a separate voter approved property tax assessment of $719 thousand to cover fixed and prior year variable costs associated with the District's State Water agreement. Property tax decrease reflects the funding required to purchase 100% of Table A State Water allocation.
- OH Pipeline revenue down as higher-than-planned delivery volumes in the current fiscal year generate excess revenue that partially offsets expenses in the coming fiscal year. The carryover is reflected in the lower fixed and variable rates for the OH Pipeline. Other includes $300K Bureau of Reclamation grant for the Iron and Manganese CIP.
- Other Revenue includes investment income and rent.

Water Purchase Fund—in FY 2019-20, the District created a new fund, dedicated to financing supplemental water purchases in order to boost the recharge of aquifers in the district. The fund has no operating expenses other than for the purchase of water. Revenues for the fund will come from a surcharge levied on each acre-foot of water pumped from the aquifers. The surcharge for FY 2020-21 will be $2.30 for Agricultural users and $6.90 for M&I users. The District expects to raise approximately $500 thousand per year in the coming year from the surcharge.

The Water Purchase Fund was supplemented in FY2019-20 by a grant from the Fox Canyon Groundwater Management Agency This grant enabled a recharge of 15,000 acre-feet to the Oxnard Plain. Also, along with the proceeds from the water purchase surcharge, the grant brought more than 6,600 acre-feet of additional imported water to the District in FY19-20—water that would otherwise not have been available to District users.

This fund is considered a sub-fund of the General/Water Conservation Fund for financial reporting purposes but is presented separately for budgeting purposes.

Groundwater Pumping Volume

Forecasting groundwater demands for the coming year is an inexact science. Variables such as weather, user conservation efforts and alternative sourcing are difficult to predict. This year, the economic impact of the current health crisis, particularly on the agriculture industry, adds another level of uncertainty to the forecast. For the purposes of this budget, we looked at the past five years of pumping history and took into account most recent developments such as the unusually dry January and February 2020. The FY 2020-21 Budget volume forecast is 9% lower than what was forecast for FY 2019-20 during the budget for that year. However, pumping volumes in the first half of FY19-20 were 10% below the budget for that period. Given the level of rainfall in early 2020, we are planning pumping volumes for the second half of the fiscal year to be in line with the budget. Therefore, we are taking a conservative approach to our forecast for groundwater extraction in FY20-21 and planning total extraction volumes at 90% of the median extractions over the past ten years. The history and forecast of groundwater extraction volumes is broken down by District zone in the table below.

Groundwater Pumping Volume History *in acre-feet*

Fiscal Year Ending	***2016***	***2017***	***2018***	***2019***	***2020***	***2021***	
	Actual	**Actual**	**Actual**	**Actual**	**Actual**	***Budget***	**5 yr**
July - Dec	***15-2***	***16-2***	***17-2***	***18-2***	***19-2***	***20-2***	**average**
Zone A AG (Upper River)	45,366	43,061	48,824	37,752	35,909	*33,103*	42,182
Zone B AG	40,846	34,701	42,220	33,691	33,173	*34,231*	36,926
Zone A M&I (Upper River)	6,201	7,054	6,563	7,402	7,185	*6,881*	6,881
Zone B M&I	6,837	7,227	7,284	7,308	7,328	*7,000*	7,197
Total	**99,249**	**92,044**	**104,891**	**86,153**	**83,595**	***81,215***	93,187
% of FY Total	57.3%	59.9%	61.3%	62.7%	54.5%	57%	59.1%

Jan - June	**Actual**	**Actual**	**Actual**	**Actual**	**Projection**	***Budget***	**5 yr**
	16-1	***17-1***	***18-1***	***19-1***	***20-1***	***21-1***	**average**
Zone A AG (Upper River)	32,622	28,763	31,336	20,238	32,000	*26,875*	28,992
Zone B AG	29,582	21,855	23,507	18,624	26,000	*22,168*	23,914
Zone A M&I (Upper River)	5,595	4,730	5,427	5,791	5,400	*5,389*	5,389
Zone B M&I	6,264	6,348	5,970	6,505	6,400	*6,200*	6,297
Total	**74,063**	**61,696**	**66,241**	**51,159**	**69,800**	***60,632***	64,592
% of FY Total	42.7%	40.1%	38.7%	37.3%	45.5%	42.7%	40.9%

Full Year Jul-Jun	**Actual**	**Actual**	**Actual**	**Actual**	**Projection**	***Budget***	**5 yr**
	2016	**2017**	**2018**	**2019**	***2020***	***2021***	**average**
Zone A AG (Upper River)	77,988	71,824	80,160	57,991	67,909	*59,979*	71,174
Zone B AG	70,428	56,557	65,728	52,315	59,173	*56,399*	60,840
Zone A M&I (Upper River)	11,796	11,784	11,990	13,193	12,585	*12,270*	12,270
Zone B M&I	13,101	13,575	13,254	13,813	13,728	*13,200*	13,494
Total	**173,313**	**153,740**	**171,132**	**137,312**	**153,395**	***141,847***	157,778

Operating Expense

The following table outlines projected Operating Expense for the next fiscal year.

in USD'000s	General/Water Conservation Fund	State Water Fund	Freeman Fund	OH Pipeline Fun	PV Pipeline Fund	PT Pipeline Fund	TOTAL
Budget 2020-21							
Direct Personnel	4,742		854	826	48	390	**6,859**
Operating Expenditures	7,181	1,876	5,405	2,653	86	1,615	**18,816**
Depreciation	1,323		368	462	76	488	**2,716**
Overhead	2,854	0	724	576	52	433	**4,638**
OPEX	**16,100**	**1,876**	**7,350**	**4,516**	**262**	**2,926**	**33,029**
Budget 2019-20							
Direct Personnel	4,776		818	990	32	593	**7,210**
Operating Expenditures	4,769	1,417	1,711	2,259	58	1,038	**11,252**
Depreciation	1,260		350	430	72	460	**2,572**
Overhead	2,689	0	701	600	46	417	**4,454**
OPEX	**13,494**	**1,417**	**3,581**	**4,280**	**209**	**2,508**	**25,488**
Variance							
Direct Personnel	(35)	0	36	(165)	16	(203)	(351)
Operating Expenditures	2,413	459	3,694	394	28	578	7,564
Depreciation	63	0	18	32	4	28	144
Overhead	165	0	22	(25)	6	16	184
OPEX	**2,606**	**459**	**3,769**	**236**	**53**	**418**	**7,542**

- Direct Personnel does not include headcount in executive/administrative positions, which are captured in the Overhead expense category above.
- Increase in Direct Personnel due to contractually mandated cost-of-living increases as well as increased health insurance and pension costs.
- Other drivers of the increase in General and Overhead include enhanced legislative outreach and public education efforts
- Freeman Operating Expenditure driven by regulatory and legal requirements related to environmental impact of diversion facility as well as legal challenges to that facility.

The budget aims to finish the fiscal year with a cash reserve of $4 to $5 million, consistent with the Reserve Policy. The Reserve Policy allows the District the flexibility to manage cash flows in the General/Water Conservation Fund, in light of the fact that a majority of the groundwater extraction revenues are received between February 1 and August 1, while the property tax receipts are received in December and May. Ensuring sufficient reserves is fiscally responsible and essential to responding to the demands placed on the District and the uncertainties that come with operations and aging infrastructure and dynamic environmental and legal mandates.

Capital Improvement Project Plan

A Five-Year (FY 2020-21 through FY 2024-25) Capital Improvement Plan is included in this document, along with project detail pages. The plan provides insight as to the projects necessary to be completed or being considered by the District in the very near future.

Appropriations and the necessary funding approved in prior years by the Board for CIP continues to be appropriated and carried forward from year to year until the CIP is completed or closed out. The Board can only appropriate new funding one year at a time to avoid committing future Boards to financial responsibilities over which they had no authority. By approving funding for a CIP in FY 2020-21, the Board is indicating that this is a project which

they would like to see implemented and/or completed. Future funding needs would be requested on an annual basis and would indicate the on-going support of a project.

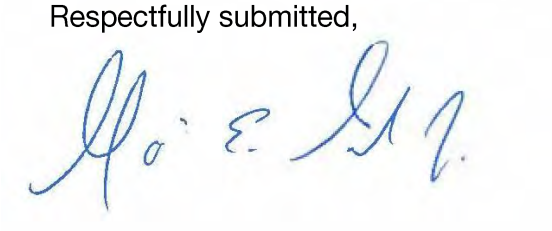
The Five-Year Capital Improvement Project Plan is shown on page 55 of this document. It is projected that $9.9 million in CIP funding/appropriations will be carried over from FY 2019-20. Of this carry over amount, 100% is already funded, with funds included in the appropriate CIP Fund and designated for the individual projects. New or additional funding for CIP totaling $10.2 million for FY 2020-21 is recommended with identified resources coming from transfers from the operating funds or financing proceeds.

The largest projects in terms of expenditures in FY 2020-21 are Iron and Manganese Treatment ($4.0 million), Freeman Diversion Rehabilitation ($3.8 million), and the Santa Felicia dam safety improvements (two projects totaling $4.6 million).

Conclusion

This letter provides a high-level view of the proposed operating budget for FY 2020-21 and is intentionally brief. Full detail on the rates, revenue and expenditure of each fund is found in the body of this document. All of the District funds' budgets for FY 2020-21 are balanced, as proposed to the Board.

Respectfully submitted,



Mauricio E. Guardado, Jr. - General Manager

Joseph Jereb - Chief Financial Officer

United Water Conservation District

Annual Budget

FY 2020-21

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United Water
CONSERVATION DISTRICT

FY 2020-21 PROPOSED BUDGET

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Board of Directors & Management Staff

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BOARD OF DIRECTORS FY 2020-21

Michael. W. Mobley
President
Division 2

Bruce E. Dandy
Vice President
Division 5

Sheldon G. Berger
Secretary / Treasurer
Division 7

Daniel C. Naumann
Division 6

Patrick Kelley
Division 3

Lynn E. Maulhardt
Division 4

Edwin T. McFadden, III
Division 1

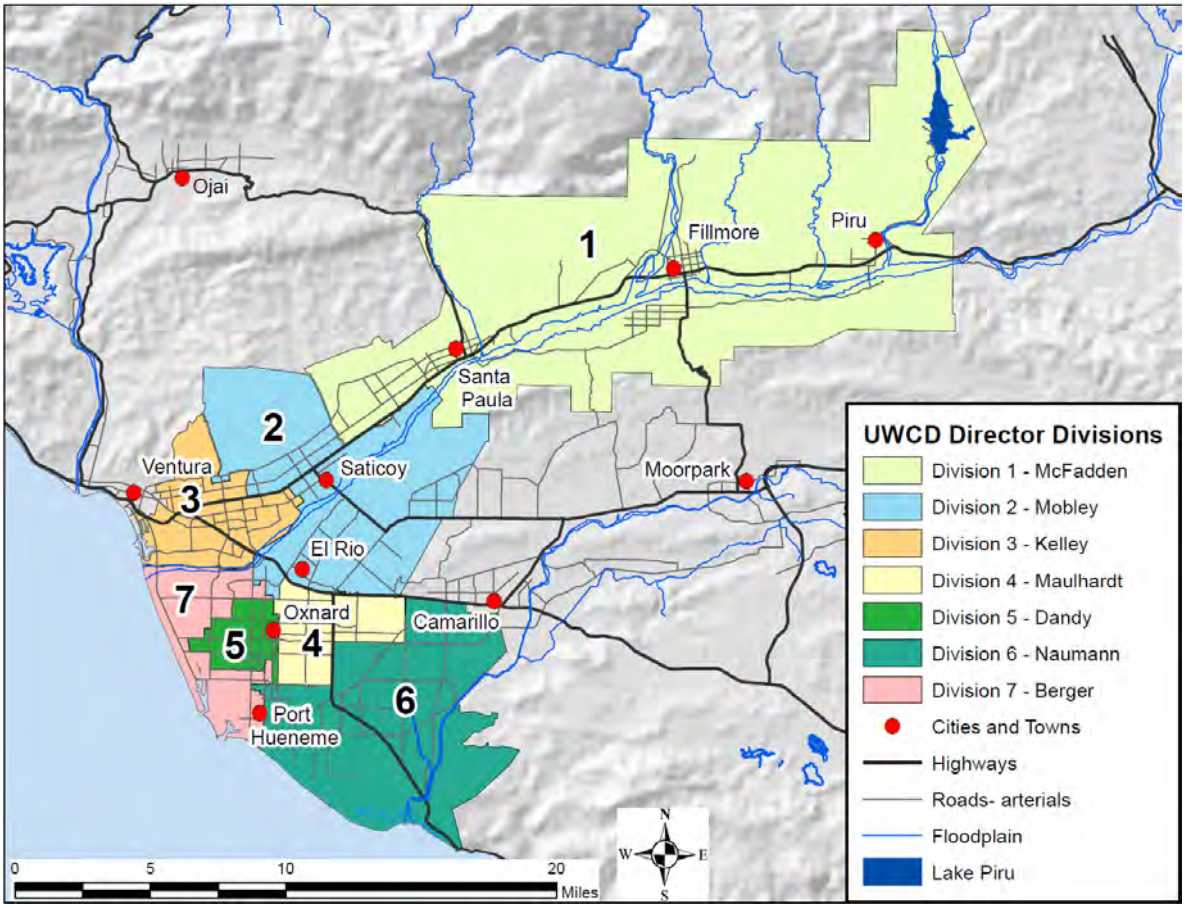
UNITED WATER CONSERVATION DISTRICT

United Water Conservation District covers about 214,000 acres in central Ventura County, California. Considered one of the prime agricultural areas of the world, the year-round growing seasons support high-value crops such as lemons, oranges, avocados, strawberries, berries, row crops and flowers. The District administers a basin management program for all of the hydrologically connected groundwater basins within its boundaries utilizing the surface flow of the Santa Clara River, its tributaries, and other activities for replenishment of groundwater.

United's facilities include the Santa Felicia Dam; Lake Piru Recreation Area; Saticoy (including Noble, Ferro and Rose), El Rio and Piru Spreading Grounds; the Freeman Diversion; the Saticoy Well Field; Pleasant Valley, Oxnard-Hueneme and Pumping Trough water delivery systems including wells, reservoirs and booster pumping stations.

United is one of the State's few legislatively established Water Conservation Districts. In performing its District-wide Water Conservation efforts, United recharges the aquifers and fights seawater intrusion into the aquifers.

DISTRICT DIVISION BOUNDARIES



UNITED WATER'S BOARD OF DIRECTORS

United Water's Board has seven directors serving four year staggered terms, elected by divisions within the District.

Michael W. Mobley
President

Mr. Mobley represents Division 2, which encompasses the area immediately west of Santa Paula to Highway 101 at Central Ave, and includes Saticoy, El Rio and the eastern portion of the City of Ventura. He is a lifelong resident of Ventura and he owns and operates Progressive Land Management, Inc. which provides complete ranch management and consulting services throughout Ventura County and southern Santa Barbara County. Mr. Mobley has served on the boards of numerous trade and community organizations including the California Farm Bureau Federation, Ventura County Farm Bureau (President 1996-97), Ventura County Resource Conservation District (Vice-President, 2004-2014), Boys & Girls Club of Santa Clara Valley (President 2006-2008), and Fillmore-Piru Citrus Association. Mr. Mobley has served on United's Board since 2013. His current term expires December 1, 2020.

Bruce E. Dandy
Vice President

Mr. Dandy represents Division 5 in northwest Oxnard. In October 2013 he retired from the City of Oxnard where he had worked since 1986 as Accounting Manager and previously as Personnel and Employee Relations Manager. He has also served as Executive Director for the California Junior Chamber of Commerce, Executive Director of the Public Employees Association of Tulare County and General Manager of the Long Beach City Employees Association. Mr. Dandy has long been active in community organizations, including Boy Scouts of America, Muscular Dystrophy Association, Jaycees International and others. He graduated from California State University Long Beach with a bachelor's degree in Political Science and from California State University Northridge with a B.A. degree in Accounting. He has served on United's Board since 2003. His current term expires December 1, 2020.

Sheldon G. Berger
Secretary / Treasurer

Mr. Berger represents Division 7, which includes portions of the cities of Oxnard and Port Hueneme as well as the CBC Navy Base and several unincorporated beach communities. He also served on the Board of Oxnard Harbor Association of Realtors, United Way of Ventura Committee, and served as ACWA Region 5 Committee Liaison. He lives in Oxnard and has been a licensed realtor since 1989, and currently serves as a trustee on the Ventura County Association of Realtors BOR-PAC Committee. Mr. Berger has been a member of United's Board since 1983. Mr. Berger currently serves as the Board's Secretary/Treasurer and most recently re-elected to he Board in November 2016. His current term expires December 1, 2020.

Daniel C. Naumann,

Mr. Naumann represents Division 6, the Pleasant Valley area of the District to the south and east of Oxnard. He holds a B.S. degree in Agricultural Business from California Polytechnic State University in San Luis Obispo. He is a member of the

UNITED WATER'S BOARD OF DIRECTORS

Board of the USDA Farm Service Agency. His family established farming operations on the Oxnard Plain in the 1890s and he is currently farming various vegetable row crops. Mr. Naumann's uncle, Robert Naumann, served on United's Board in the 1950s. Continuing the family tradition, Mr. Naumann has been a member of the Board since 1991. His current term expires December 1, 2020.

He is a member of the Board of the USDA Farm Service Agency. His family established farming operations on the Oxnard Plain in the 1890s and he is currently farming various vegetable row crops. Mr. Naumann's uncle, Robert Naumann, served on United's Board in the 1950s. Continuing the family tradition, Mr. Naumann has been a member of the Board since 1991. His current term expires December 1, 2020.

Patrick J. Kelley

Mr. Kelley represents Division 3, which includes a large portion of the City of Ventura. He first served on the Board of Directors from 2000 to 2002 and was appointed by the Board to the Division 3 seat in February 2020, filling the seat vacated in December 2019. Mr. Kelley has eight years of experience as a dairy nutritional consultant and 33 years of work experience associated with agricultural lending as a loan officer and Branch/Portfolio Manager with Farm Credit Service providing short– and long-term loans, leases, and cash management. His lending duties included loan approval; supervision of staff, and management of large major accounts. He has a working knowledge and resource regarding financial analysis, water rights, commodity conditions, and land issues of the local territory. His volunteer efforts have encompassed coaching youth sport programs and serving as President of the Board of Directors for Ventura Tri-Valley Girls Softball and providing hospice care for family members. Now retired, Mr. Kelley has been a resident of Ventura for some 30 years, and holds a bachelor's degree in Animal Science with emphasis in Agricultural Business Management from California Polytechnic University at Pomona. His current term expires December 2020.

Lynn E. Maulhardt

Mr. Maulhardt represents Division 4, northeast of the City of Oxnard. His family has been farming in the area since 1869 and he is a managing partner of a Ventura County farm. Mr. Maulhardt is active in community water activities and has served as chairman of Fox Canyon Groundwater Management Agency from 1987 through 2017. He received a B.S. in Physics from Loyola University in Los Angeles, and a M.A. in Management and Human Relations from Webster University in St. Louis, Missouri. He is a Vietnam War Veteran, having served in the U.S. Air Force as a fighter pilot, and is a retired commercial airline pilot. Mr. Maulhardt has been a member of the Board since 1985. His current term expires December 1, 2020.

Edwin T. McFadden, III

Mr. McFadden represents Division 1, which encompasses the eastern part of the District, from the western city limit of Santa Paula to the Ventura-Los Angeles County line. He resides with his wife in the Fillmore area where he farms 460 acres of citrus and avocados. He was raised on a farm in Orange County where he learned early about the municipal side of water by watching his father build and manage Los Alisos Water District. Mr. McFadden serves on the California Avocado Commission, the Farm Bureau of Ventura County, the Fillmore and Piru Basins Groundwater Sustainability Agency and is a member of the Fillmore Rotary Club. Mr. McFadden has been a member of the Board since 2014. His current term expires December 1, 2022.

UNITED WATER'S EXECUTIVE MANAGEMENT TEAM

MAURICIO E. GUARDADO, JR., GENERAL MANAGER—Mr. Guardado joined the District as its General Manager in August 2015. He spent the previous nine years as the Retail Manager/CEO for the Santa Clarita Water Division of Castaic Lake Water Agency, which serves as the water provider for 120,000 residents in Santa Clarita. Prior to that he served as the Director of Engineering for Cucamonga Valley Water District. He holds a B.S. degree in Civil Engineering from Cal State, Northridge and a Master's Degree from USC's Executive Master of Leadership Program, and he is registered civil engineer in the state of California.

ANTHONY A. EMMERT, ASSISTANT GENERAL MANAGER—Anthony Emmert joined the District staff team in April 2014 as Deputy General Manager. Previously, he served eight years as manager of the City of Oxnard's Water Resources Division, which provided water, wastewater, and recycled water services to the City's over 200,000 residents and significant industrial and commercial customers. Mr. Emmert has 28 years' experience in management of water, wastewater, recycled water, storm water, and public works systems, including the design, permitting, funding and construction of significant capital projects. He holds a B.S. degree in Environmental Policy Analysis and Planning, Water Quality, from the University of California, Davis.

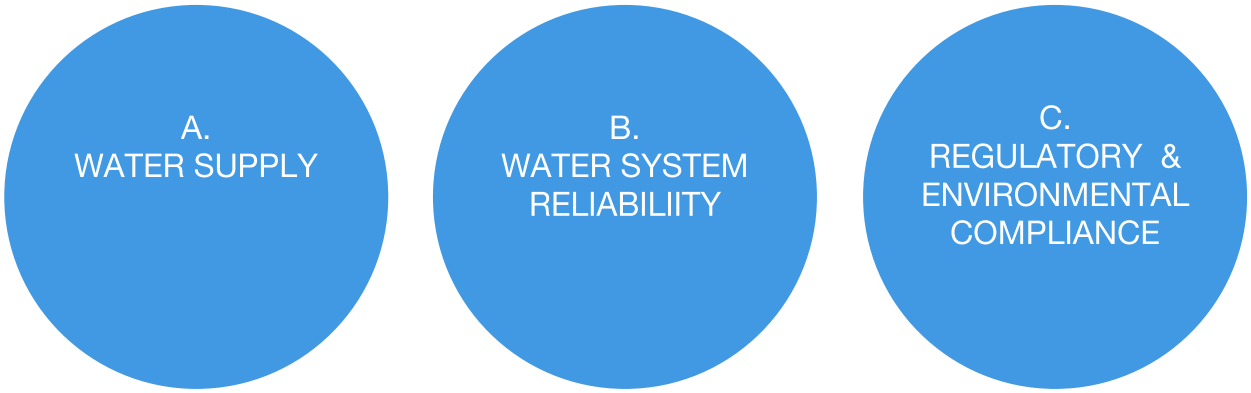
ROBERT C. SIEMAK, ASSISTANT GENERAL MANAGER - Mr. Siemak was hired in July 2018. He holds a Bachelor's Degree in civil engineering from Loyola University of Los Angeles and a Master's Degree in environmental engineering from University of California, Berkeley. Mr. Siemak has spent over 30 years in the water industry working for multinational water companies, national consulting engineering firms and public water agencies in various management roles, including program management, water operations and design management. He is a registered civil engineer in California and a Professional Project Manager.

UNITED WATER CONSERVATION DISTRICT

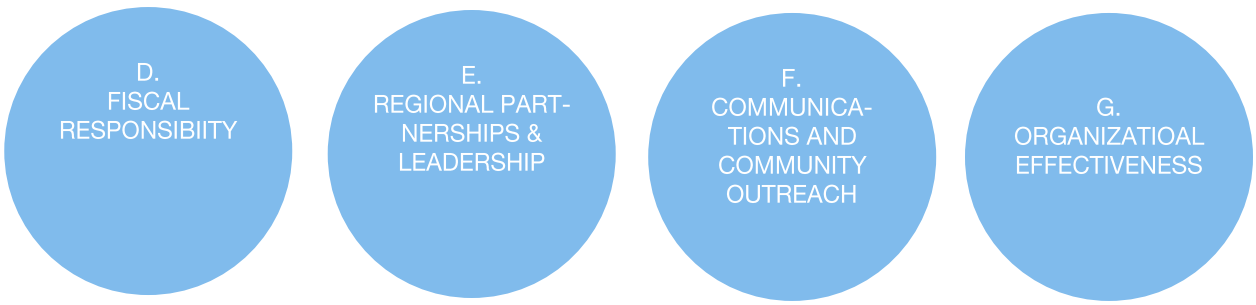
MISSION

United Water Conservation District manages, protects, conserves and enhances the water resources of the District and produces a reliable and sustainable water supply for the reasonable, beneficial use of all users.

MISSION-RELATED GOALS



MISSION-SUPPORTIVE GOALS



OPERATIONS AND PROJECT PLANNING PRIORITIZATION

The District's Mission Statement and corresponding goals provide the overall policy direction for District staff to manage and prioritize its operations and projects.

The primary objectives related to the District's goals are as follows:

A. **Water Supply**—Ensure long-term water supply for all users
B. **System Reliability**—Ensure that the District's existing and planned water supply, conveyance, and recharge systems meet regional needs, including emergency response
C. **Regulatory and Environmental Compliance**—Ensure long-term sustainability of all water sources within the District while complying with all regulations
D. **Fiscal Responsibility**—Protect current and future value of District resources in a transparent, timely and accurate fashion while adhering to all applicable legal, ethical and government accounting standards
E. **Regional Partnerships and Leadership**—Work collaboratively with local jurisdictions, agencies, and stakeholders to provide cost-effective water supply solutions
F. **Communications and Community Outreach**—Promote awareness and understanding of the District's mission, programs and priority projects to raise the District profile and credibility with customers and constituents.
G. **Organizational Effectiveness**—Increase UWCD's organizational capacity to meet current and future challenges.

The mission of the District continues to focus on water resource sustainability, reliability and quality while dealing with regional issues such as groundwater overdraft, seawater intrusion and abatement, and water resource management to balance the needs of people and the environment, as it is required by law, for the public health and safety of the people of the State of California.

For additional information please see the District's Strategic Plan in the final tab of this document.

Sunrise at the El Rio booster plant

DEPARTMENT RESPONSIBILITIES

ADMINISTRATIVE SERVICES is responsible for human resources, information technology, risk management and general administration of the District. Administrative Services oversees the management of the administrative office and staff, Board of Directors meetings, information technology, human resources, and risk management.

FINANCE is responsible for all financial matters and activities for the District including accounting, budgeting, accounts receivable and payable, investments, payroll, financial analysis, and financial reporting.

ENVIRONMENTAL PLANNING AND CONSERVATION is responsible for ensuring that United is in compliance with various environmental laws including Endangered Species Act, Clean Water Act, California Environmental Quality Act, and California's Department of Fish and Wildlife Code to allow for continued groundwater conservation efforts. The department manages fish passage facilities at the Freeman Diversion and conducts monitoring and studies of biological and physical conditions in support of United's permits.

ENGINEERING AND GROUNDWATER RESOURCES is responsible for developing water conservation infrastructure and providing hydrogeological expertise to assist the District in managing groundwater resources. Engineering staff focuses on the planning, design and construction of capital improvements, technical monitoring of existing infrastructures, right-of-way administration, and general technical assistance to operations and recreation activities. Groundwater staff performs water level measurements and water quality sampling and analysis on hundreds of wells each year, maintains and updates the regional groundwater flow model, performs field investigations to improve the District's understanding of the controls on groundwater flow, evaluates the impacts of groundwater utilization and conservation options on resource availability, and serves as an in-house technical resource on groundwater supply, water quality, and water resource management. The department also has lead responsibility for the District's responsibilities related to the Santa Paula Technical Advisory Committee and implementation of the Sustainable Groundwater Management Act of 2014.

OPERATIONS AND MAINTENANCE is responsible for operating and maintaining the District's water resource facilities including Lake Piru's potable water system, Santa Felicia Dam and Hydro Plant, the Piru Diversion and Spreading Grounds, the Freeman Diversion, the Saticoy and El Rio Spreading Grounds, the Oxnard-Hueneme Drinking Water System, the PTP Agricultural Irrigation System, the Pleasant Valley Pipeline and the Saticoy Groundwater Storage Management Project

(The District's Recreation Operations at Lake Piru fall under the responsibilities of the Assistant General Manager.)

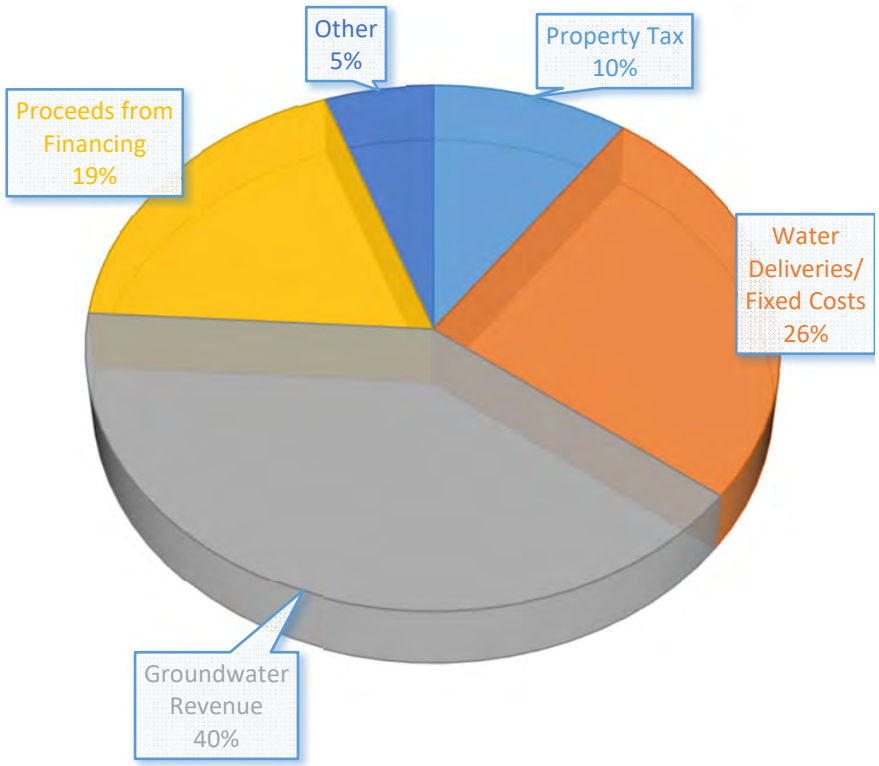
Grand canal at the Freeman Diversion

UNITED WATER CONSERVATION DISTRICT

REVENUE BY TYPE FY20-21

TOTAL $36.0M

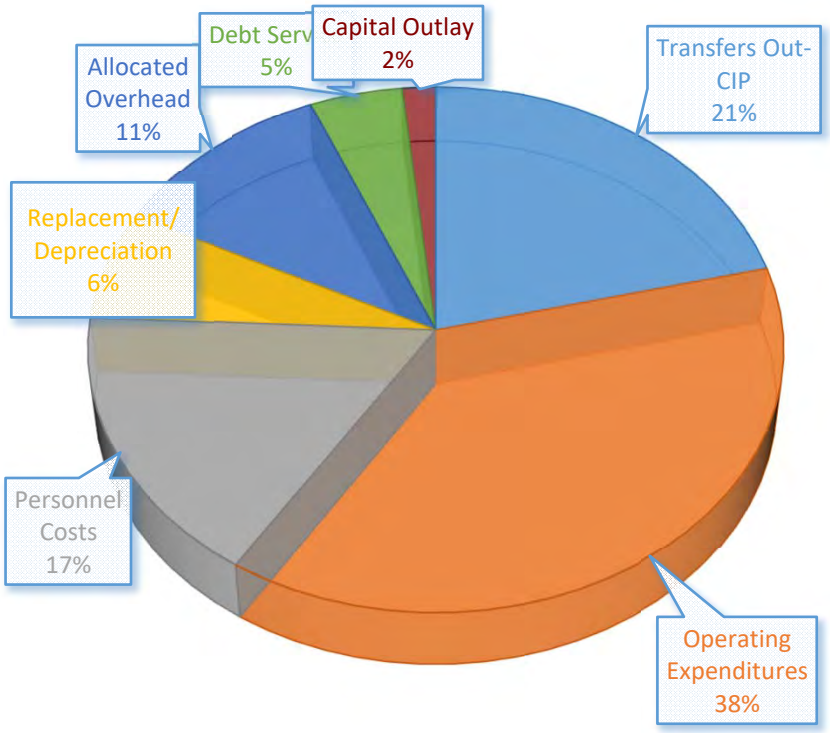
(EXCLUDES INTER-FUND ACTIVITY)



EXPENDITURES BY TYPE FY20-21

TOTAL $41.9M

(EXCLUDES INTER-FUND ACTIVITY)



United Water Conservation District

Operating Budget Summary
FY 2020-21

($ thousands)	General Water Conservation Fund	Water Purchase Fund	State Water Fund	Freeman Fund	O/H Pipeline Fund	PV Pipeline Fund	PT Pipeline Fund	TOTAL
CASH RESERVATIONS/WORKING CAPITAL								
Beginning Balance July 1, 2019	12,369	1,916	2,818	708	2,788	309	355	21,263
REVENUES								
Property Tax	2,828	-	719	-	-	-	-	3,547
Water Deliveries/Fixed Costs	1,869	-	-	1,178	3,783	134	2,224	9,189
Groundwater Revenue	11,085	-	-	3,485	-	-	-	14,570
Unrecovered Variable	-	-	-	-	66	-	-	66
Fox Canyon GMA	-	-	-	-	200	-	100	300
Grant Revenue	-	-	-	-	300	-	118	418
Rents & Leases	272	-	-	20	30	5	14	340
Investment/ Interest Earnings	105	-	19	35	20	4	11	194
Repayment of Interfund Loan	633	-	-	-	-	-	-	633
Proceeds from Financing	2,702	-	-	598	3,098	-	344	6,742
Proceeds from Disposal of Asset	-	-	-	-	-	-	-	-
Proceeds from Interfund Loan		-		2,475	-			2,475
Water Purchase Surcharge	-	518	-	-	-	-	-	518
Other	125	-	-	1	-	-	3	129
Total Revenues	19,620	518	738	7,791	7,497	143	2,813	39,119
EXPENDITURES								
Personnel Costs	4,742	-	-	854	826	48	390	6,859
Operating Expenditures	5,495	-	1,764	5,155	2,155	78	941	15,588
Replacement/Depreciation	1,323	-	-	368	462	76	488	2,716
Allocated Overhead	2,854	-	-	724	576	52	433	4,638
Debt Service	1,268	-	112	250	456	8	449	2,543
Capital Outlay	418	-	-	-	42	-	225	685
Transfers Out-CIP	3,348	-	-	690	5,008	3	473	9,522
Transfers Out for Interfund Loan	2,475	-	-	-	-	-	-	2,475
Total Expenditures	21,923	-	1,876	8,040	9,524	265	3,399	45,026
Net Surplus/(Shortfall)	(2,303)	518	(1,138)	(248)	(2,027)	(122)	(586)	(5,907)
Reservations/Designations	(6,556)		-	-	-	-	-	(6,556)
Add back Depreciation	1,323	-	-	368	462	76	488	2,716
Cash Reserves/Working Capital June 30, 2020	4,833	2,434	1,680	827	1,223	262	257	11,516


United Water
CONSERVATION DISTRICT

United Water Conservation District

Water Delivery Rate Summary

Charges (per Acre Foot):	Water Conservation Extraction Charge - Zone A			Freeman Extraction Charge - Zone B		
($)	Proposed FY 2020-21	FY 2019-20	$ Change	Proposed FY 2020-21	FY 2019-20	$ Change
Agriculture Rate	57.50	54.79	2.71	36.30	33.93	2.37
Municipal & Industrial Rate	172.50	164.37	8.13	108.90	101.80	7.10
Water Purchase Surcharge - Agriculture	2.30	2.25	0.05			
Water Purchase Surcharge - Municipal & Industrial	6.90	6.75	0.15			

Pipeline Charges (per Acre Foot):	O/H Pipeline [1, 2]			PV Pipeline [2]			PT Pipeline [2]		
($)	FY 2020-21	FY 2019-20	$ Change	FY 2020-21	FY 2019-20	$ Change	FY 2020-21	FY 2019-20	$ Change
Variable Rate O&M Charge/ Variable Charge	242.70	252.03	(9.33)						
Marginal Rate O&M Charge	152.25	152.25	0.00						
Unrecovered Variable Charge [3]	242.70	252.03	(9.33)						
O & M Charge				55.00	55.00	0.00	295.00	250.00	45.00
Fixed Costs/ Fixed Charge - Per Unit of Capacity	24,389.00	26,801.00	(2,412.00)	11,100.00	26,850.00	(15,750.00)	1,050.00	950.00	100.00
Fixed Cost - Upper System - Monthly [4]							745.50	675.00	70.50
Fixed Well Replacement Charge [5]	13.14	13.14	0.00						
PTP Sub-allocation Surcharge [6]							See Note	See Note	See Note
Saticoy Well Field Delivery Charge				30.00	30.00	0.00	30.00	30.00	0.00
PV minimum monthly service charge [7]				17.00	17.00	0.00			
GMA Pump Charge [8]	20.00	17.00	3.00				20.00	17.00	3.00
Recreation potable water ($850.41)									
Recreation irrigation water ($680.33)									

[1] - The O/H Pipeline contract calls for fixed costs to be billed per unit of peak capacity. Variable and marginal costs are billed per acre foot of water delivered. Therefore, the total cost per acre foot depends on the volume of deliveries and will vary by contractor.

[2] - Pipeline users pay Zone A and Zone B extraction charges and water purchase surcharge listed above as well as the pipeline-specific charges.

[3] - Applies to the difference of the allocation less actual water deliveries.

[4] - Rate applies only to PTP turnouts above elevation 58.5 instead of the PTP Fixed Cost - Monthly Rate.

[5] - Per acre foot for each agency's 75% sub-allocation. Refer to O/H Pipeline Fund.

[6] - The PTP Surcharge = equivalent to FCGMA groundwater extraction surcharge rates, on a pro rata basis, in an amount to reimburse the District for 100% of potential FCGMA surcharge.

[7] - The three PVP customers have a minimum $17/month service charge.

[8] - This rate is set by the Fox Canyon GMA and subject to change. Also applies to all Saticoy Well Field deliveries.

United Water Conservation District
Summary of Debt Service - FY 2020-21

Debt - Paying Fund	7/1/2020 Balance	FY 2020-21 New Issuance	FY 2020-21 Payments Principal	FY 2020-21 Payments Interest	Estimated 6/30/2021 Balance	Effective Interest Rate	Maturity Date
State Water Project Fund	1,505		71	38	1,434	4%	Dec. 2035
2001B Revenue Bonds	285		140	18	145	3.25% to 4.9%	Oct. 2021 [1]
General/Water Conservation Fund			26	2			Oct. 2011
Freeman Fund			4	-			
Oxnard/Hueneme Pipeline Fund			103	8			
Pleasant Valley Pipeline Fund			3	-			
Pumping Trough Pipeline Fund			4	-			
2005B Revenue Bonds	750		385	219	365	2.5% - 4.5%	Oct. 2035 [2]
General/Water Conservation Fund			304	178			Oct. 2025
Oxnard/Hueneme Pipeline Fund			30	25			
Pleasant Valley Pipeline Fund			2	2			
Pumping Trough Pipeline Fund			49	14			
2009 Certificates of Part.- Gen/Water Cons. Fund	926		255	391	671	2.0% to 5.0%	Oct. 2039
PTP Metering Interfund Loan - PTP Fund	318		318	7	-	2.0% to 2.5%	Jun. 2021 [3]
PTP CIP Interfund Loan - PTP Fund	1,084		217	22	867	2.0% to 2.5%	Jun. 2025
Caplital Improvement Projects Debt Financing	-	6,742	-	341	6,742	4%	Jan. 2040 [4]
General/Water Conservation Fund		2,702	-	108			
Freeman Fund		598	-	24			
Oxnard/Hueneme Pipeline Fund		3,098	-	124			
Pumping Trough Pipeline Fund		344	-	14			
Interfund Loan - New Headquarters	1,665	-	416	41	1,249	2.0% to 2.5%	Aug. 2023 [5]
Freeman Fund			156	15			
Oxnard/Hueneme Pipeline Fund			150	15			
Pleasant Valley Pipeline Fund			-	-			
Pumping Trough Pipeline Fund			110	11			
Interfund Loan - Freeman Fund		2,475	-	50	2,475	2.0% to 2.5%	Jun. 2026
Summary by Fund							
General/Water Conservation Fund			585	679			
State Water Project Fund			71	38			
Freeman Fund			160	89			
Oxnard/Hueneme Pipeline Fund			283	172			
Pleasant Valley Pipeline Fund			5	2			
Pumping Trough Pipeline Fund			698	68			
			1,802	1,048			

[1] Part of debt financed for SCADA 10 years, remaining debt for 20 years.
[2] Part of debt financed for Ferro Basin, FERC Costs and OH Clearwell No. 1 30 years, remaining debt for 20 years.
[3] Short-term loan of $317,500 at LAIF interest rate, with repayment to be made by June 30, 2021. Repayment of interfund loan not included in PTP Fund budget as it does not affect working capital.
[4] Anticipates issuing long-term debt (20-years) in FY 20-21 for capital project funding needs.
[5] Long-term loan to be paid in 5 equal payments July 31 of each year.

United Water Conservation District
Total Personnel Costs

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Regular Salaries	6,495	6,497	6,954
Part-Time Salaries	209	309	257
Overtime Salaries	75	119	114
Employee Benefits	3,328	3,461	3,548
Total Operating Funds Personnel Costs	10,107	10,386	10,873
Full-Time Equivalent District Positions	**63.35**	**65.22**	**66.67**

Assumptions:

FY 2020-21
2.0% cost of living adjustment
2020 health insurance rates project 6% increase over prior year
Retirement rate 20.611% - PERS Classic plus $706,713 payment of unfunded liability
Retirement rate 7.732% - PERS PEPRA plus $3,491 payment of unfunded liability

Notes:

Above personnel costs include staff time for capital improvement projects, which are classified as part of CIP Transfers Out on pages 24 - 49

Organizational Chart FY 20-21

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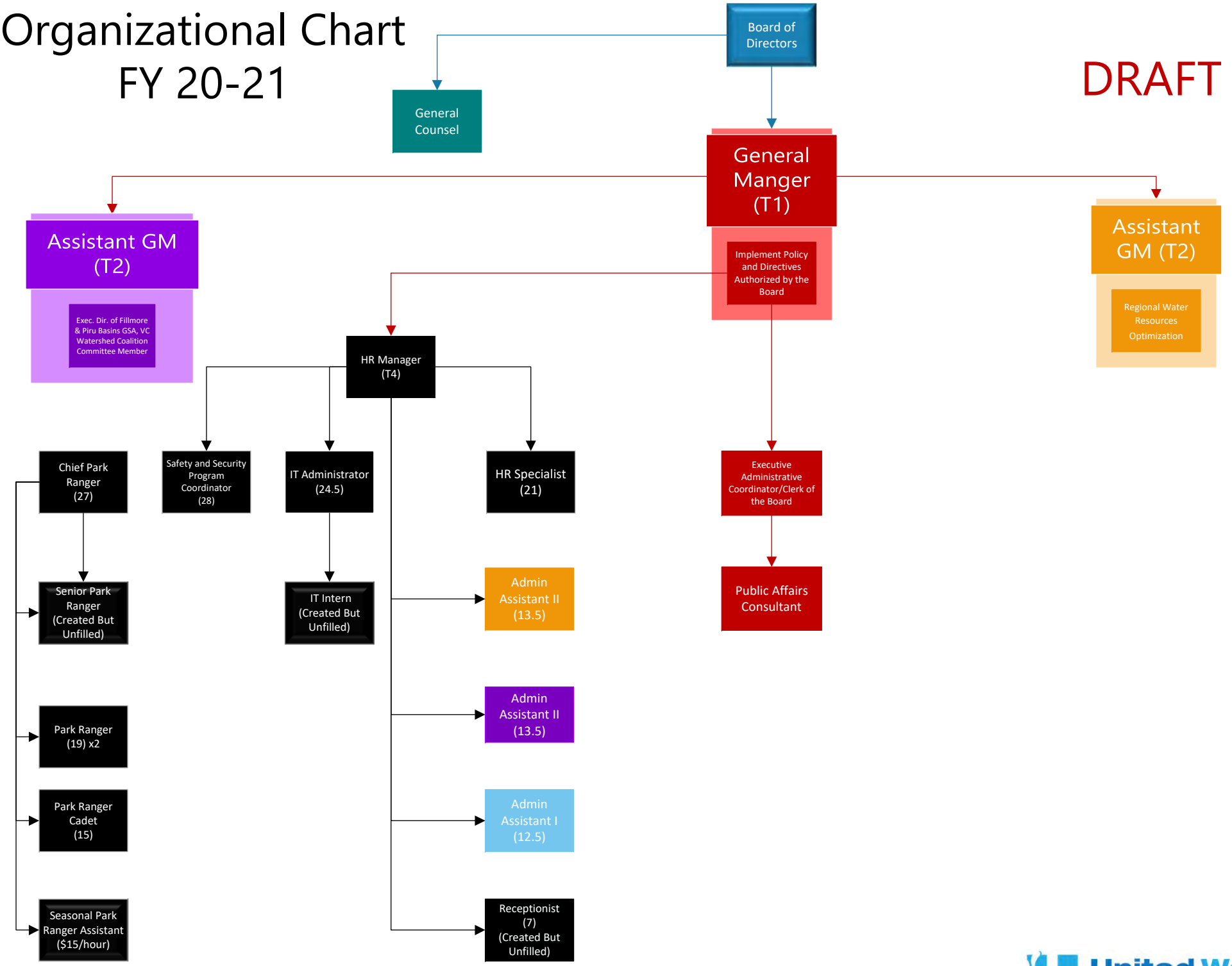

United Water CONSERVATION DISTRICT

Organizational Chart FY 20-21

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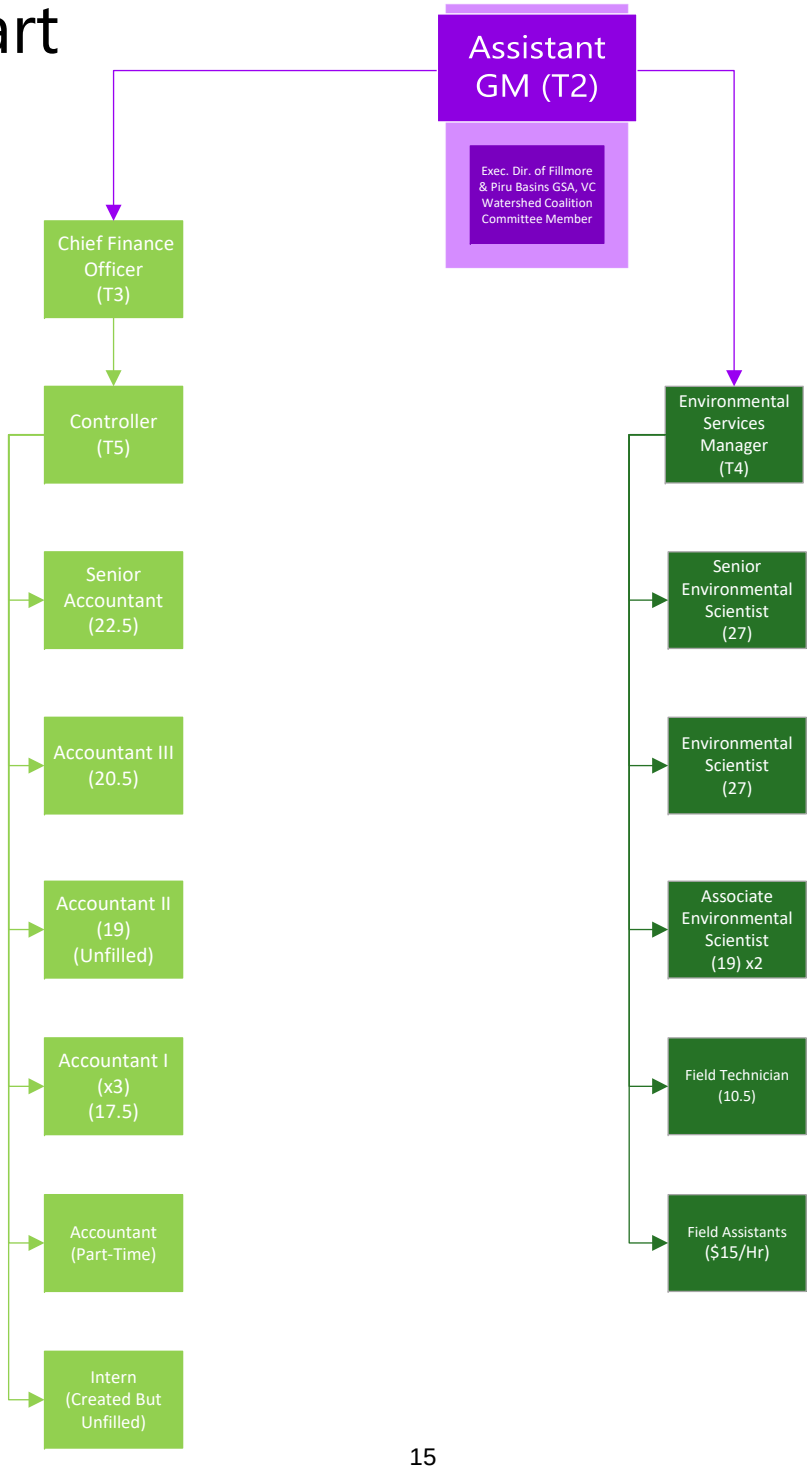

United Water CONSERVATION DISTRICT

Organizational Chart FY 20-21

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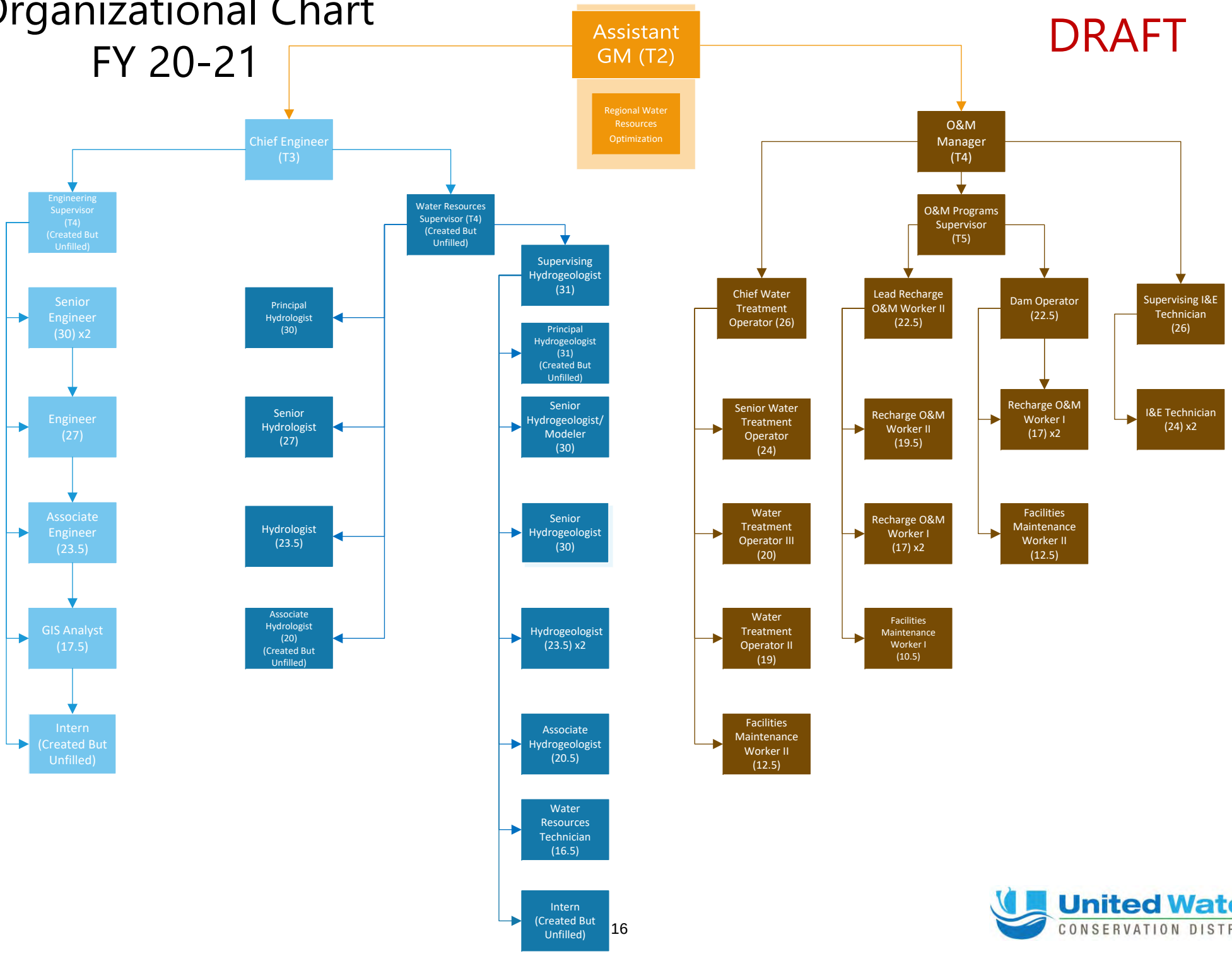


United Water CONSERVATION DISTRICT

United Water Conservation District

Staffing Level (FTE)

	Adopted June 2020	Proposed June 2021
Administration		
Executive Management		
General Manager	1.00	1.00
Assistant General Manager	2.00	2.00
Administrative Services		
Executive Administrative Coordinator/Clerk of the Board	0.00	1.00
Executive Assistant	1.00	0.00
Human Resources Manager	1.00	1.00
Human Resources Administrator	1.00	0.00
Human Resources Specialist	0.00	1.00
Safety and Security Program Coordinator	1.00	1.00
Administrative Assistant II	2.00	2.00
Administrative Assistant I	1.00	1.00
IT Administrator	1.00	1.00
Finance		
Chief Financial Officer	1.00	1.00
Controller	1.00	1.00
Senior Accountant	1.00	1.00
Accountant III	1.00	1.00
Accountant II	0.00	0.00
Accountant I	3.00	3.00
Accountant (GSA)	0.00	0.45
Total Administration	**18.00**	**18.45**
Environmental Planning & Conservation		
Environmental Services Manager	0.00	1.00
Senior Ecologist	1.00	0.00
Senior Environmental Scientist	1.00	0.00
Environmental Scientist	1.00	1.00
Associate Environmental Scientist	1.00	2.00
Lead Field Technician	0.00	0.00
Field Technician	1.00	1.00
Field Assistants [1]	1.85	1.85
Total Environmental Planning & Conservation	**6.85**	**6.85**
Engineering & Groundwater		
Chief Engineer	1.00	1.00
Engineering Supervisor	0.00	0.00
Water Resources Supervisor	0.00	0.00
Senior Engineer	2.00	2.00
Engineer	1.00	1.00
Associate Engineer	1.00	1.00
GIS Analyist	0.00	1.00
Engineering Technician	1.00	0.00
Supervising Hydrogeologist	1.00	1.00
Principal Hydeogeologist	0.00	0.00
Principal Hydrogeologist - Modeler	0.00	0.00
Senior Hydrogeologist/Modeler	1.00	1.00
Senior Hydrogeologist	1.00	1.00
Hydrogeologist	2.00	2.00
Associate Hydrogeologist	1.00	1.00
Principal Hydrologist	0.00	1.00
Senior Hydrologist	1.00	1.00
Hydrologist	1.00	0.00
Water Resources Technician	1.00	1.00
Total Engineering & Groundwater	**15.00**	**15.00**

	Adopted June 2020	Proposed June 2021
Operations & Maintenance		
Operations & Maintenance Manager	1.00	1.00
Operations & Maintenance Program Supervisor	0.00	1.00
Saticoy Facilities		
Senior Water Treatment Operator	1.00	1.00
Lead Recharge O&M Worker	1.00	1.00
Recharge O&M Worker II	1.00	2.00
Recharge O&M Worker I	2.00	2.00
Facilities Maintenance Worker I	1.00	1.00
El Rio		
Supervising Instrument & Electrical Technician	1.00	1.00
Instrument & Electrical Technician	2.00	2.00
Chief Water Treatment Operator	1.00	1.00
Senior Water Treatment Operator	1.00	0.00
Water Treatment Operator III [2] (2 - WTO II)	3.00	3.00
Facilities Maintenance Worker II	1.00	1.00
Santa Felicia Dam		
Dam Operator	1.00	1.00
Recharge O&M Worker I	1.00	1.00
Water Treatment Operator III [2] (Recharge O&M I)	1.00	1.00
Facilities Maintenance Worker II	1.00	1.00
Park & Recreation		
Chief Park Ranger	1.00	1.00
Senior Park Ranger	0.00	0.00
Park Ranger	2.00	2.00
Park Ranger Cadet	1.00	1.00
Seasonal Park Ranger Assistants [1]	1.37	1.37
Total Operations & Maintenance	**25.37**	**26.37**
Total District	**65.22**	**66.67**

[1] Temporary, extra-help or seasonal positions, as needed

United Water Conservation District

Position Titles with Annual Salary Ranges FY 20-21

Title	Range	Step 1	Step 2	Step 3	Step 4	Step 5
Accountant I	17.50	64,964	68,209	71,612	75,195	78,958
Accountant II	19.00	69,967	73,460	77,133	80,986	85,042
Accountant III	20.50	75,375	79,138	83,104	87,250	91,622
Accountant - Part-Time*** ($/hour)	17.50	31.23	32.79	34.43	36.15	37.96
Administrative Assistant I	12.50	50,746	53,292	55,951	58,745	61,675
Administrative Assistant II	13.50	53,315	55,974	58,768	61,697	64,784
Administrative Assistant III	14.50	56,019	58,813	61,765	64,852	68,097
Administrative Services Manager*	T3	155,279	163,053	171,210	179,773	188,764
Assistant General Manager*	T2	186,083	195,389	205,169	215,421	226,192
Associate Engineer	23.50	87,430	91,802	96,399	101,221	106,291
Associate Environmental Scientist	19.00	69,967	73,460	77,133	80,986	85,042
Associate Hydrogeologist	20.50	75,375	79,138	83,104	87,250	91,622
Associate Hydrologist	20.00	73,527	77,200	81,053	85,109	89,368
Chief Engineer*	T3	155,279	163,053	171,210	179,773	188,764
Chief Financial Officer*	T3	155,279	163,053	171,210	179,773	188,764
Chief Operations Officer*	T3	155,279	163,053	171,210	179,773	188,764
Chief Park Ranger	27.00	103,903	109,108	114,561	120,284	126,301
Chief Water Treatment Operator	26.00	98,900	103,835	109,018	114,471	120,194
Controller*	T5	119,293	125,264	131,529	138,109	145,004
Dam Operator	22.50	83,217	87,385	91,757	96,354	101,176
Engineer	27.00	103,903	109,108	114,561	120,284	126,301
Engineering Technician	16.00	60,322	63,342	66,519	69,854	73,347
Engineering Supervisor*	T4	134,976	141,736	148,835	156,271	164,090
Environmental Scientist	27.00	103,903	109,108	114,561	120,284	126,301
Environmental Services Manager*	T4	134,976	141,736	148,835	156,271	164,090
Executive Assistant	21.50	79,206	83,172	87,340	91,712	96,309
Executive Administrative Coordinator/Clerk of the Boar	25.50	96,489	101,311	106,381	111,699	117,287
Facilities Maintenance Worker I	10.50	45,969	48,267	50,678	53,202	55,861
Facilities Maintenance Worker II	12.50	50,746	53,292	55,951	58,745	61,675
Field Assistants*** ($/hour)		15.00	15.75	16.54	17.36	18.23
Field Technician	10.50	45,969	48,267	50,678	53,202	55,861
General Manager**	T1	270,227	284,450	299,421	314,392	330,112
GIS Analyist	17.50	64,964	68,209	71,612	75,195	78,958
HR Administrator	21.00	77,268	81,121	85,177	89,436	93,898
HR Specialist	21.00	77,268	81,121	85,177	89,436	93,898
HR Manager*	T4	134,976	141,736	148,835	156,271	164,090
Hydrogeologist	23.50	87,430	91,802	96,399	101,221	106,291
Hydrologist	23.50	87,430	91,802	96,399	101,221	106,291
Instrument & Electrical Tech.	24.00	89,616	94,100	98,810	103,745	108,928
IT Administrator	24.50	91,847	96,444	101,266	106,336	111,654
Lead Recharge O&M Worker	22.50	83,217	87,385	91,757	96,354	101,176
O & M Manager*	T4	134,976	141,736	148,835	156,271	164,090
O & M Program Supervisor*	T5	119,293	125,264	131,529	138,109	145,004
Park Ranger	19.00	69,967	73,460	77,133	80,986	85,042
Park Ranger - Cadet	15.00	57,416	60,277	63,297	66,452	69,764
Principal Hydrogeologist	31.00	126,571	132,903	139,551	146,536	153,860
Principal Hydrologist	30.00	120,465	126,481	132,813	139,461	146,423
Receiptionist	7.00	38,668	40,606	42,634	44,774	47,005
Recharge O&M Worker I	17.00	63,387	66,564	69,899	73,392	77,065
Recharge O&M Worker II	19.50	71,725	75,307	79,070	83,014	87,160
Safety and Security Program Cordinator	28.00	109,153	114,606	120,330	126,346	132,655
Seasonal Park Service Officer Assistant*** ($/hour)		15.00	15.75	16.54	17.36	18.23
Senior Accountant	22.50	83,217	87,385	91,757	96,354	101,176
Senior Engineer	30.00	120,465	126,481	132,813	139,461	146,423
Senior Env. Scientist	27.00	103,903	109,108	114,561	120,284	126,301
Senior Hydrogeologist	30.00	120,465	126,481	132,813	139,461	146,423
Senior Hydrogeologist/Modeler	30.00	120,465	126,481	132,813	139,461	146,423
Senior Hydrologist	29.00	114,674	120,397	126,414	132,746	139,393
Senior Hydrologist - Water Resources	27.00	103,903	109,108	114,561	120,284	126,301
Senior Park Ranger	21.00	77,268	81,121	85,177	89,436	93,898

United Water Conservation District
Position Titles with Annual Salary Ranges FY 20-21

Title	Range	Step 1	Step 2	Step 3	Step 4	Step 5
Senior Water Treatment Operator	24.00	89,616	94,100	98,810	103,745	108,928
Supervising Engineer	31.00	126,571	132,903	139,551	146,536	153,860
Supervising Hydrogeologist	31.00	126,571	132,903	139,551	146,536	153,860
Supervising Instr. & Elec. Tech	26.00	98,900	103,835	109,018	114,471	120,194
Water Resource Technician	16.50	61,832	64,919	68,164	71,567	75,150
Water Resources Supervisor*	T4	134,976	141,736	148,835	156,271	164,090
Water Treatment Operator II	19.00	69,967	73,460	77,133	80,986	85,042
Water Treatment Operator III	20.00	73,527	77,200	81,053	85,109	89,368
Water Treatment Operator IV	22.00	81,189	85,245	89,504	93,988	98,697
Board Member Per Diem Rate		226.00				

Employees are paid at an hourly rate calculated by dividing their annual salary by 2,080, rounded to the nearest $0.01. Salaires shown in this table are rounded to the nearest dollar.

*Position eligible for up to annual 5% merit pay, which may be applicable to PERS.

**Position eligible for annual merit pay, which may be applicable to PERS. Proposed salary range and merit pay pending Board of Directors' approval.

***Temporary, part-time or seasonal positions, as needed

Updated as of April 30, 2020

United Water Conservation District

Capital Outlay Included in FY 20-21 Budget

($ thousands)	Total Costs	General/Water Conservation Fund	Overhead Fund	Freeman Fund	Oxnard Hueneme Fund	Pleasant Valley Fund	Pumping Trough Fund
Equipment	304	37	-	-	42	-	225
Structures & Improvements	25	25	-	-	-	-	-
Vehicles	356	356	-	-	-	-	-
Total Capital Outlay	685	418	-	-	42	-	225

Contractual Services Included in FY 20-21 Budget

($ thousands)	Total Costs	General/Water Conservation Fund	Overhead Fund	Freeman Fund	Oxnard Hueneme Fund	Pleasant Valley Fund	Pumping Trough Fund
Financial	197	-	197	-	-	-	-
Recreation	373	373	-	-	-	-	-
IT	68	4	25	11	17	2	9
Legal	5,480	1,425	250	3,790	10	5	-
Other	719	268	340	3	106	0	2
Outreach & Public Relations	680	555	125	-	-	-	-
Regulatory-FERC	603	603	-	-	-	-	-
Regulatory-HCP	875	29	-	846	-	-	-
Regulatory-Other	337	305	2	30	-	-	-
Total Contractual Services	9,332	3,563	939	4,679	133	7	11

DEFINITIONS

Appropriations
A legislative authorization that permits government agencies to incur obligations and to make payments out of the treasury for specified purposes.

Annual Budget
Revenue and expenditure spending plan presented for one fiscal year period.

Capital Improvement Projects (CIP)
Construction or improvements to facilities and property, which are generally one time in nature and usually require design and engineering services. The projects may require purchase of land or right-of-way (ROW) and usually cost in excess of $10,000. Financing is sometimes used to fund the projects and have long-term return on the investment. The projects may take several years to complete and/or fund.

Capital Outlay
Purchase of a tangible asset with a cost of $5,000 or more and useful life of two years or more.

Carry Over (Encumbrance)
Authorization by legislative body to carry forward spending authority (appropriation) from one year to another.

Cash Reserves/Working Capital
Available resources, within a fund, accumulated over time, which are not restricted to a specific purpose and therefore may be used to fund operating expenses of the fund.

Debt Service
Principal and interest payments to repay a loan.

Electricity Sales Revenue
Revenue received from Southern California Edison for purchase of electricity produced by the District's hydroelectric plant at Santa Felicia Dam.

Fiscal Year
July 1 through June 30

Groundwater Revenue
Revenue (District-wide Water Conservation and Freeman groundwater extraction charge per acre-foot) received for water pumped directly from the ground by a well operator/owner.

Required Reserves
A portion of working capital required by board policy and/or binding agreement to be set aside or restricted for specific purposes. Reserves are not available for operating expenditures.

Transfers In – Out
An exchange of cash from one operating fund to another.

Water Deliveries Revenue
Revenues received from customers for water delivered through one of the three District Pipelines – that is based on an "In Lieu of Replenishment Charge", which represents District-wide and Freeman groundwater extraction charges levied per acre-foot on pipeline deliveries versus well operator/owner direct pumping near the coastline.

Oxnard Hueneme Pipeline
Pleasant Valley Pipeline
Pumping Trough Pipeline


United Water
CONSERVATION DISTRICT

FY 2020-21 PROPOSED BUDGET

GENERAL/WATER CONSERVATION

Groundwater recharge at UWCD's Saticoy spreading grounds

GENERAL/WATER CONSERVATION FUND

United Water Conservation District (UWCD) is a legislatively established Water Conservation Districts in the State of California. The District's principal act is the Water Conservation District Law of 1931 (Water Code Section 74000 et seq.). An essential responsibility of the District is to protect and augment groundwater supplies necessary for the public health, welfare and safety of the people of the State of California. The responsibility directly arises from Article X, Section 2 of the California Constitution, which among other things provides that the general welfare requires the water resources of the State to be put to beneficial use to the fullest capable extent possible, that waste or unreasonable use of water be prevented, and that conservation of waters is to be exercised recognizing reasonable and beneficial use in the interest of the people of the State for the public welfare. UWCD is not a Municipal Water District, Wholesaler/Retail Water purveyor, or a general government service provider.

The fundamental mission of the District has not changed since the District was reformed under the Water Conservation Article Law of 1931, although the funding model for its water conservation efforts was legislatively amended in 1979 in recognition of its critical responsibilities. Because of its status as a water conservation district and funding authorities, financial reporting is unique as the District attempts to comply and distinguish its water conservation authority mandate, as provided for in the California Water Code, and the District's governmental status that requires it to comply with Generally Accepted Accounting Principles. In an effort to provide clarity and transparency for its unique status and for budgeting purposes, the General/Water Conservation Fund is broken down into the following activities. The descriptions below of each activity are meant to summarize, for clarification as to their separate financial reporting, and therefore are not all inclusive.

WATER CONSERVATION ACTIVITIES (ZONE A)

Represents the revenues and expenditures directly related to the District's statutory responsibilities and authorities, including those activities/mandates required to perform its water conservation efforts. For example:

- Collection of groundwater extraction charges, district-wide (Zone A), as authorized by California Water Code Section 75500 et. seq. This Collection of groundwater extraction charges is based on groundwater extraction via agricultural or municipal industrial use throughout the District (groundwater) or delivery of Santa Clara River surface water/UWCD extracted groundwater via three pipelines that are utilized by the District to minimize groundwater pumping near the coastline in an effort to abate seawater intrusion into groundwater aquifers (water delivery). Zone A is established each year by the Board of Directors in recognition that all of the groundwater basins within the District are hydrogeologically connected and have impact on one another.
- Consistent with Water Code Sections 75521-75522, groundwater charges levied by the District are in furtherance of its efforts to protect and augment water supplies, and are for

the benefit of all who rely directly or indirectly upon groundwater suppliers of the District or its zone(s) and water imported into the District or its zone(s).

- Under the General Operating Activities below, the District first utilizes its Ad Valorem Property Tax receipts per the Board's discretion, to fund expenditures that are deemed indirect support for District-wide water conservation efforts. Any property tax revenues remaining upon funding these indirect support costs are used to offset water conservation activity (Zone A) costs.
- Supplemental Water Revenue – UWCD groundwater storage credits (authorized by the Fox Canyon Groundwater Management Agency (FCGMA) as a result of the District's purchase of imported State Water used to replenish the groundwater in the forebay) provided to other groundwater extraction facilities, in return for compensation, to promote sound groundwater management strategies.
- Maintenance of the District's various spreading grounds (Piru, Saticoy, Ferro, Noble, Rose and El Rio) which provide District-wide benefits.
- Expenses related to the Santa Felicia Dam, including mandated environmental costs, dam safety and the hydroelectric plant (costs not covered by ad valorem property taxes).
- Development and management of upper Santa Clara River activities affecting issues in the Piru, Fillmore, and Santa Paula Basins.
- Expenses related to the Saticoy Well Field, established and used as a groundwater management facility.
- All environmental compliance costs as outlined in the Board's Environmental Cost Allocation Policy.
- Engineering services, debt service, overall groundwater management efforts, and capital assets and replacement costs that support the District-wide water conservation efforts.

GENERAL OPERATING ACTIVITIES

- Used to account for all Financial Resources and expenditures of the District that indirectly support District-wide water conservation efforts in Zone A – This does not include indirect administrative costs that provide support to all District activities (funds) that are accounted for and allocated proportionally in the Overhead Fund.
- Used to account for all other financial activities of the District that are not required by law, administrative action or Generally Accepted Accounting Principles (GAAP) to be accounted for in another fund, including hydro-electric plant generation revenues.
- Ad Valorem Property Taxes are initially appropriated by the Board of Directors, per their legal authority and at their discretion, as deemed necessary for indirect costs that directly support or are required for the District-wide water conservation activities. If the District's ad valorem property tax revenues are insufficient to cover these indirect water conservation costs, groundwater extraction charges may be used, if approved by the Board of Directors, for:
    - Legal (not associated with water conservation, Board matters or an Enterprise Fund activity)

- Legislative costs
- Public information, legal notices, etc.
- Training, conference, education and meeting costs
- Office expenses
- Memberships to ACWA, AWA, Watershed Coalition of Ventura County (IRWMP)
- Property tax collection fees (County of Ventura)
- LAFCO costs allocated to District
- Recreation Activities (including potable water services) at Lake Piru
- Hydro-electric plant at Santa Felicia Dam
- District-wide Federal Emergency Management Administration (FEMA) effort related to natural disasters unless the costs are directly related to the other operating funds.

RECREATION ACTIVITIES

As part of the approval process to construct the Santa Felicia Dam in 1955 and to comply with the requirements of Federal Energy Regulatory Commission license for the SFD hydro-electric plant, the District must provide recreational access/use of the Lake Piru area. The District contracts with an independent concessionaire to provide all recreational services (i.e. boat, camping, food services, dry storage, etc.) and park maintenance at Lake Piru Recreation Area. The District may receive a percentage of the concessionaire's revenue for the contracting rights and for landlord (District) maintenance costs. The District directly provides Public Service Officers' services for boating safety and enforcement of District established park rules, and constructs, maintains and operates the lake's potable water system using a portion of the District's ad valorem property taxes and revenues from the concessionaire. These provided services are performed to limit the District's liability exposure while attempting to reduce the District's cost related to providing the required recreational access/use of its Lake Piru Reservoir. All costs and revenues directly related to the Recreation Activities are included in the General/Water Conservation Fund, but also reported separately as a subsidiary fund for accountability purposes.

WATER PURCHASE FUND

The District utilizes this fund to account for the financial resources and expenditures related to the purchase of water beyond the District’s State Water Project Table A allocation. The District assesses a water purchase surcharge on all groundwater pumping and pipeline deliveries. These funds are committed for the purchase of water and cannot be used for any other purpose. All costs and revenues directly related to the Water Purchase Fund are included in the General/Water Conservation Fund, but also reported separately as a subsidiary fund for accountability purposes.

United Water Conservation District

General/Water Conservation Fund

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Revenues and Other Sources of Funds:			
Taxes	2,808	2,852	2,828
Water Delivery/Fixed Cost	1,564	2,047	1,869
Groundwater	8,578	11,146	11,085
Supplemental Water	1,160	1,840	-
Fox Canyon GMA			
Grants			
Rents and Leases	334	297	272
Investement/ Interest Earnings	430	269	105
Transfer In	546		-
Repayment of Interfund Loan			633
Proceeds from Financing		-	2,702
Proceeds from Disposal of Asset		1,500	
Other Revenue	276	2,173	125
Total Revenues and Other Sources of Funds	15,697	22,124	19,620
Expenditures:			
Regular Salaries	2,896	2,732	2,847
Part-Time Salaries	91	109	120
Overtime Salaries	29	57	43
Employee Benefits	1,513	1,641	1,731
Personnel Cost	4,528	4,539	4,742
Contractual Services	2,172	3,301	3,563
Public Information	2	10	13
Office Expenses	69	89	125
Travel, Meetings, Training	117	118	169
Fuel-Gasoline-Diesel	82	88	95
Insurance	110	151	218
Fox Canyon GMA	-	-	-
Utilities	44	75	75
Telephone	6	10	15
Safety, Supplies, Clothing	47	67	72
Water Treatment Chemicals	5	5	5
Maintenance	315	422	559
Small Tools & Equipment	61	65	98
Permits & Licenses	108	140	137
Water Quality Services	26	35	46
Miscellaneous	102	149	306
Supplemental Water	701	1,626	-
Operating Expenses	3,968	6,348	5,495
Replacement/Depreciation	-	1,260	1,323
Allocated Overhead	2,242	2,770	2,854
Debt Repayment - Principal	803	889	585
Debt Repayment - Interest	633	628	679
Finance Costs	4	4	4
Debt Services	1,440	1,521	1,268
Capital Outlay	234	177	418
Transfers Out for Capital Improvements	5,881	4,294	3,348
Transfers Out for Water Purchase Fund		1,374	-
Transfers Out for Interfund Loan	2,237	1,084	2,475
Other	8,118	6,752	5,823
Total Expenditures	20,530	23,367	21,923
Net : Surplus / (Shortfall)	(4,833)	(1,244)	(2,303)

United Water Conservation District

General/Water Conservation Fund

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Cash Reserves/Working Capital:			
Beginning Balance July 1	17,186	12,353	12,369
Net Surplus / (Shortfall)	(4,833)	(1,244)	(2,303)
Add Back Replacement/Depreciation	0	1,260	1,323
Ending Balance June 30	12,353	12,369	11,389
Designated to Date:			
Improvements	(7,504)	(7,879)	(8,254)
Replacement	(3,125)	(3,750)	(3,750)
Legal Reserve	(225)	(225)	(225)
Water Conveyance Infrastructure	(1,000)	(1,000)	0
Water Purchases	(1,160)	0	0
Environmental Projects	0	0	(500)
Debt Service 09 COP - Reserve	(897)	(897)	(897)
Total Designated to Date	(13,911)	(13,751)	(13,626)
Undesignated to Date:			
Improvements	475	475	475
Replacement	3,125	3,125	3,125
Legal Reserve	225	225	0
SFD Outlet Works Rehab CIP	3,470	3,470	3,470
PERS Side Fund	0	0	0
Other Post-Employment Benefits	0	0	0
Total Undesignated to Date	7,295	7,295	7,070
Designated Balance	**(6,616)**	**(6,456)**	**(6,556)**
Net Available	5,737	5,913	4,833
Reserve Requirement			**$4 - $5 million**

	FY 19-20			FY 20-21		
Groundwater Revenue:	**Water Conservation Extraction Charge ($)**	**Acre Feet**	**Forecasted Revenue ($ thousands)**	**Water Conservation Extraction Charge ($)**	**Acre Feet**	**Forecasted Revenue ($ thousands)**
Zone A - Agriculture	54.79	67,909	3,721	57.50	59,979	3,449
Zone A - Municipal & Industrial	164.37	12,050	1,981	172.50	12,270	2,117
Zone B - Agriculture	54.79	59,173	3,242	57.50	56,399	3,243
Zone B - Municipal & Industrial	164.37	13,400	2,203	172.50	13,200	2,277
Total Groundwater Revenue		152,532	11,146		141,847	11,085
Water Deliveries:	**In Lieu of Extraction Charge ($)**	**Acre Feet**	**Forecasted Revenue ($ thousands)**	**In Lieu of Extraction Charge ($)**	**Acre Feet**	**Forecasted Revenue ($ thousands)**
OH Pipeline - Municipal & Industrial	164.37	9,890	1,626	172.50	8,740	1,508
OH Pipeline - Agriculture	54.79	1,427	78	57.50	1,250	72
PV Pipeline - Agriculture	54.79	927	51	57.50	-	-
PT Pipeline - Agriculture	54.79	5,274	289	57.50	4,990	287
Total Pipeline Deliveries Revenue		17,518	2,044		14,980	1,866
	Delivery Charge ($)	**Acre Feet**	**Forecasted Revenue**	**Delivery Charge ($)**	**Acre Feet**	**Forecasted Revenue**
Saticoy Well Field Delivery Charge	30.00	-	-	30.00	-	-
			Forecasted Revenue ($ thousands)			**Forecasted Revenue ($ thousands)**
Recreation Water Deliveries		US Forest Service Water Deliveries	3		US Forest Service Water Deliveries	3
Total Water Deliveries Revenue			**2,047**			**1,869**

United Water Conservation District

Water Purchase Fund - 120

($ thousands)	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Revenues:		
Water Purchase Surcharge	542	518
Investment/Interest Earnings		
Transfers in From General/WC Fund	1,374	
Other Revenue	-	-
Total Revenues	1,916	518
Expenditures:		
Water Purchases	-	-
Operating Expenses	-	-
Total Expenditures	-	-
Net : Surplus / (Shortfall)	1,916	518

United Water Conservation District

Water Purchase Fund - 120

($ thousands)	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Cash Reserves/Working Capital:		
Beginning Balance July 1	-	1,916
Net Surplus / (Shortfall)	1,916	518
Ending Balance June 30	**1,916**	**2,434**

This fund is entirely designated for the purchase of water

Water Rate Summary:	FY 19-20			FY 20-21		
	Water Purchase Surcharge ($)	Acre Feet	Forecasted Revenue ($ thousands)	Water Purchase Surcharge ($)	Acre Feet	Forecasted Revenue ($ thousands)
Groundwater Revenue:						
Zone A - Agriculture	2.25	67,909	153	2.30	59,979	138
Zone A - Municipal & Industrial	6.75	12,050	81	6.90	12,270	85
Zone B - Agriculture	2.25	59,173	133	2.30	56,399	130
Zone B - Municipal & Industrial	6.75	13,400	90	6.90	13,200	91
Total Groundwater Revenue		152,532	458		141,847	443
	Water Purchase Surcharge ($)	Acre Feet	Forecasted Revenue	Water Purchase Surcharge ($)	Acre Feet	Forecasted Revenue
Water Deliveries:						
OH Pipeline - Municipal & Industrial	6.75	9,890	67	6.90	8,740	60
OH Pipeline - Agriculture	2.25	1,427	3	2.30	1,250	3
PV Pipeline - Agriculture	2.25	927	2	2.30	-	-
PT Pipeline - Agriculture	2.25	5,274	12	2.30	4,990	11
Total Pipeline Water Deliveries Revenue		17,518	84		14,980	75


United Water
CONSERVATION DISTRICT

FY 2020-21 PROPOSED BUDGET

OVERHEAD FUND

Overhead Fund

Allocation Methodology

UWCD's headquarters in Oxnard, CA

OVERHEAD FUND

The District Overhead Fund is used to account for administrative costs such as salaries of office personnel, accounting, financial reporting and miscellaneous expenses of the District's main office in Santa Paula in support of the five operating funds' activities (i.e. General/Water Conservation, Freeman, Oxnard-Hueneme Pipeline, Pleasant Valley, and Pumping Trough Pipeline). Specific operating funds of the District incur a prorated share of the administrative costs calculated by a Board of Directors and customer approved cost allocation method. This cost allocation method is based on an equally weighted average of the last completed year's billings, labor hours, accounts payable transactions, and revenues.

United Water Conservation District

Overhead Fund - 510

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Revenues:			
General & Administrative Revenue	3,923	4,589	4,635
Other Revenue	0	0	-
Total Revenues	3,923	4,589	4,635
Expenditures:			
Regular Salaries	1,986	2,107	2,266
Part-Time Salaries	111	187	129
Overtime Salaries	5	26	15
Employee Benefits	592	844	769
Personnel Cost	2,693	3,165	3,179
Contractual Services	859	804	939
Public Information	1	2	
Office Expenses	84	203	177
Travel, Meetings, Training	29	56	65
Fuel-Gasoline-Diesel	11	10	11
Insurance	-	-	-
Utilities	66	91	78
Telephone	46	50	44
Safety, Supplies, Clothing	0	1	4
Water Treatment Chemicals	-	-	-
Maintenance	111	110	107
Small Tools & Equipment	2	1	1
Permits & Licenses	0	1	1
Miscellaneous	22	25	30
Operating Expenses	1,231	1,353	1,455
Capital Outlay	-	-	-
Total Expenditures	3,924	4,518	4,635
Net : Surplus / (Shortfall)	-	-	-

Budgeted FY 2020-21 Allocation:

	Rate	Allocation ($ thousands)
General /Water Conservation Fund	61.53%	2,854
Freeman Fund	15.60%	724
OH Pipeline Fund	12.41%	576
PV Pipeline Fund	1.13%	52
PT Pipeline Fund	9.33%	433
Total Budgeted Allocation	100.00%	4,638

Budgeted FY 2019-20 Allocation:

	Rate	Overhead Expense Allocation ($ thousands)
General /Water Conservation Fund	60.37%	2,770
Freeman Fund	15.75%	723
OH Pipeline Fund	13.48%	619
PV Pipeline Fund	1.04%	48
PT Pipeline Fund	9.36%	430
Total Budgeted Allocation	100.00%	4,589

United Water Conservation District
Overhead Allocation

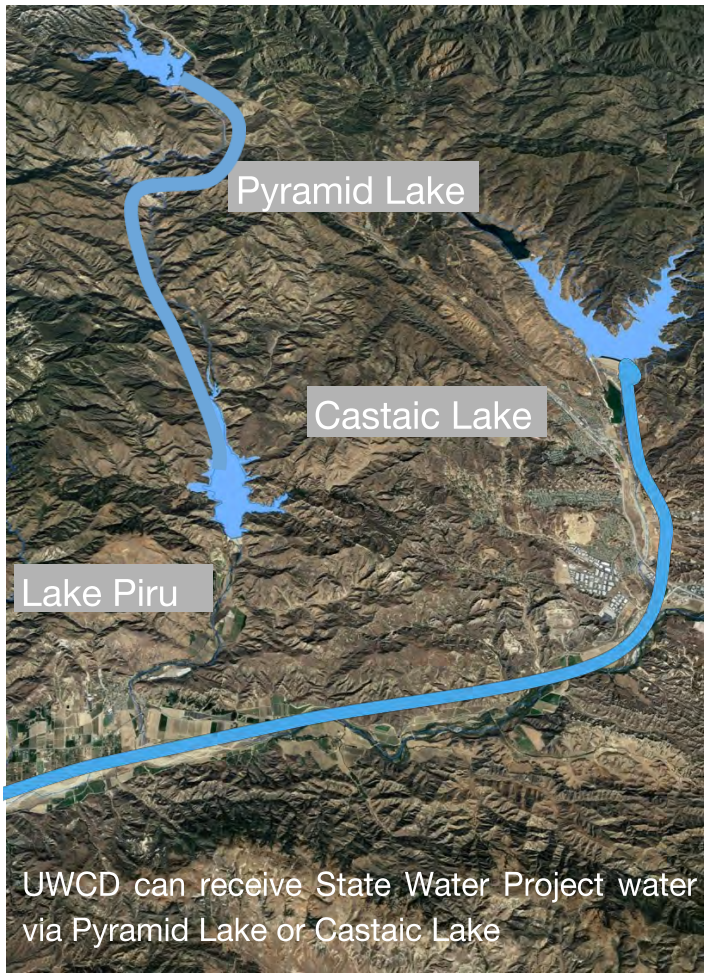
Fund	FY 2016-17 Overhead Allocation Rate	FY 2017-18 Overhead Allocation Rate	FY 2018-19 Overhead Allocation Rate	FY 2019-20 Overhead Allocation Rate	FY 2020-21 Overhead Allocation Rate	Change from FY 2019-20 to FY 2020-21
General/Water Conservation Fund	58.68%	56.80%	57.16%	60.37%	61.53%	1.16%
Freeman Fund	15.30%	15.34%	15.17%	15.75%	15.60%	-0.15%
OH Pipeline Fund	12.37%	14.30%	14.04%	13.48%	12.41%	-1.07%
PV Pipeline Fund	3.79%	3.08%	3.03%	1.04%	1.13%	0.09%
PT Pipeline Fund	9.86%	10.48%	10.60%	9.36%	9.33%	-0.03%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%	

FY 2020-21 PROPOSED BUDGET

SPECIAL REVENUE FUND

State Water Project Importation Fund

State Water Project Article 21 Water Release from Pyramid Lake to Lake Piru



UWCD can receive State Water Project water via Pyramid Lake or Castaic Lake

SPECIAL REVENUE FUND

Special Revenue Fund is used to account for the proceeds of specific revenue sources that are restricted or committed to expenditure for specified purposes other than debt service or capital projects.

THE STATE WATER IMPORT FUND

The District utilizes this fund to account for the financial resources and expenditures that are necessary to pay for the District's annual water allocation from the State Water Project. The primary resource for this fund is a voter approved property tax assessment that is determined annually, based on the amount of State Water the District intends to purchase, and the estimated associated fixed/variable costs. These costs are determined each year for the District's share of the County's contractual agreement with the State's Department of Water Resources.

The District's annual importation of its Table A State Water allocation is used for the sole purpose of increasing the recharge of groundwater basins in the District, beyond what water is naturally available within the Santa Clara River watershed. This added recharge, paid through the voter approved property tax special assessment, benefits all groundwater basins District-wide. City residents in Oxnard and Ventura are not subject to this property tax assessment since they have their own State Water Table A allocations; yet these residents receive the benefit of the District-wide recharge from such water. Any cost incurred in an effort by the District to enhance imported water deliveries, beyond the District's Table A, allocation is paid out of the Water Purchase Fund or the General/Water Conservation Fund.

United Water Conservation District

State Water Import Fund - 110

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Revenues:			
Taxes	2,728	1,623	719
Investment/Interest Earnings	88	41	19
Proceeds from Financing		-	-
Other Revenue	4	-	-
Total Revenues	2,821	1,664	738
Expenditures:			
Contractual Services		-	-
Miscellaneous	5	6	5
State Water Import Costs	2,762	1,462	1,759
Operating Expenses	2,768	1,468	1,764
Debt Repayment - Principal	84	76	76
Debt Repayment - Interest	37	36	36
Debt Services	121	112	112
Total Expenditures	2,889	1,581	1,876
Net : Surplus / (Shortfall)	(68)	83	(1,138)

United Water Conservation District

State Water Import Fund - 110

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Cash Reserves/Working Capital:			
Beginning Balance July 1	2,803	2,735	2,818
Net Surplus / (Shortfall)	(68)	83	(1,138)
Ending Balance June 30	**2,735**	**2,818**	**1,680**

	Reserve Maximum ($ thousands)	Reserve Balance ($ thousands)
Full Water Allocation Purchase Reserve	679 *	679
General Reserve	1,000	1,001
Total	**1,679**	**1,680**

* Based on most recent price per AF of Article 21 or Table A water, whichever is higher

Purchase activity since 2008 in acre feet:

	Approved Obligation	United Purchased	PHWA Purchased	Allowable Balance
2008	5,000	1,980	733	2,287
2009	5,000	3,150	1,850	-
2010	5,000	3,150	1,850	-
2011	5,000	2,520	932	1,548
2012	5,000	3,150	1,850	-
2013	5,000	2,242	830	1,928
2014	5,000	-	-	5,000
2015	5,000	630	233	4,137
2016	5,000	1,890	699	2,411
2017	5,000	12,677	1,573	(9,250)
2018	5,000	1,103	647	3,250
2019	5,000	13,516	1,295	(9,811)
2020	5,000	2,363	1,388	1,250
Total	**65,000**	**48,371**	**13,879**	**2,750**


United Water
CONSERVATION DISTRICT

FY 2020-21 PROPOSED BUDGET

ENTERPRISE FUNDS

Freeman Diversion Fund

Oxnard/Hueneme Pipeline Fund

Pleasant Valley Pipeline Fund

Pumping Trough Pipeline Fund

Water flowing over the Freeman Diversion

A Pumping Trough Pipeline well

ENTERPRISE FUNDS

Enterprise Funds are used in governmental accounting when the function of providing the service or product is conducted like private business in that a fee is charged for the service or product and the fee is sufficient to support the costs of providing the service or product. The District uses four (4) Enterprise Funds to account for activities which support the District's primary mission of managing and enhancing the groundwater aquifers and reducing seawater intrusion.

THE FREEMAN DIVERSION FUND (ZONE B)

The Freeman Diversion Dam is used to divert and efficiently manage run-off water from the Santa Clara River. The diversion of river (surface) water increases water availability that directly enhances the District's ability to recharge groundwater and reduce seawater intrusion in groundwater aquifers. The fund is used by the District to account for the financial resources and expenditures that result from the operation and maintenance of the Freeman Diversion facilities. Revenue for the fund comes from a separate groundwater extraction fee.

PIPELINE FUNDS

The three (3) pipelines operated by the District are not established zones but are all located within both Zone A (Water Conservation Fund – district-wide) and Zone B (Freeman Diversion Fund). The pipelines are part of the strategic water conservation facilities the District utilizes to fight seawater intrusion and protect the groundwater aquifers within the District's boundaries. The pipelines provide the District the ability to minimize/eliminate significant groundwater extractions by both municipal and agricultural water users from their groundwater extraction facilities near or along the coastline that would expedite seawater intrusion into groundwater aquifers. The "in-lieu of groundwater extraction" water deliveries of Santa Clara River surface water and/or Oxnard forebay groundwater via these pipelines come from an area within the District (forebay) in which the shallow aquifer is easily recharged when surface water is available. The customers on these pipelines pay not only the Zone A and Zone B groundwater extraction charges but also 100% of the operating and maintenance delivery charge, including operations and maintenance costs if the Saticoy Well Field is used, for each acre-foot of water delivered by the District.

THE OXNARD HUENEME PIPELINE FUND

The fund is used to account for the resources and costs of operating and maintaining of the Oxnard Hueneme pipeline. The District delivers potable water via groundwater treatment to the Oxnard Hueneme area. The pipeline delivers water for municipal, industrial and agricultural uses. Resources for the costs of managing and maintaining the Oxnard Hueneme pipeline are derived from the customers who directly benefit from the delivery of the water.

THE PLEASANT VALLEY PIPELINE FUND

The fund is used to account for the resources and costs of operating and maintaining of the Pleasant Valley pipeline. The District diverts surface water at the Freeman Diversion and transports it via the pipeline to the Pleasant Valley County Water District (PVCWD) for agricultural use. Revenues are primarily generated from fees paid by the PVCWD and its customers. Expenditures

for the fund include operations, maintenance, improvements and a portion (50%) of the District's moss screen facility.

THE PUMPING TROUGH PIPELINE FUND

The fund is used to account for the resources and costs of operating and maintaining the Pumping Trough pipeline (PTP). The PTP provides a combination of Santa Clara River surface water, Forebay groundwater (Saticoy Wellfield), and Fox Canyon aquifer water in an over pumped area of the Oxnard Plain. Revenues are generated from fees and cover the costs of operations and maintenance of the pipeline and a portion (50%) of the District's moss screen facility.


United Water
CONSERVATION DISTRICT

United Water Conservation District

Freeman Diversion Fund (Zone B) - 420

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Revenues:			
Water Delivery/Fixed Costs	858	1,234	1,178
Groundwater	2,308	3,372	3,485
Proceeds from Financing		-	598
Grants	50	-	-
Investment/Interest Earnings	137	70	35
Rents and Leases	43	30	20
Transfer in	981		-
Proceeds from Interfund Loan	780	-	2,475
Other Revenue	7	556	1
Total Revenues	5,163	5,261	7,791
Expenditures:			
Regular Salaries	411	436	499
Part-time Salaries	3	13	9
Overtime Salaries	16	16	26
Employee Benefits	241	281	320
Personnel Costs	671	746	854
Contractual Services	1,378	1,910	4,679
Public Information	-	-	-
Office Expenses	9	5	7
Travel, Meetings, Tranning	1	13	12
Fuel-Gasoline-Diesel	9	12	33
Insurance	29	33	55
Utilities	8	9	9
Telephone	0	1	2
Safety, Supplies, Clothing	13	14	19
Water Treatment Chemicals	20	30	30
Maintenance	131	157	172
Small Tools & Equipment	3	5	10
Permits & Licenses	3	5	5
Water Quality Services	1	3	3
Miscellaneous	7	67	120
Operating Expenses	1,612	2,265	5,155
Replacement/Depreciation	348	350	368
Allocated Overhead	595	723	724
Debt Repayment - Principal	4	4	4
Debt Repayment - Interest	18	16	89
Repayment of Interfund Loan	-	156	156
Financing Cost	0	0	0
Debt Service	22	177	250
Capital Outlay	117	29	-
Transfers Out	1,747	2,431	690
Total Expenditures	5,112	6,720	8,040
Net : Surplus / (Shortfall)	51	(1,459)	(248)

United Water Conservation District

Freeman Diversion Fund (Zone B) - 420

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2019-20
Cash Reserves/Working Capital:			
Beginning Balance July 1	1,418	1,817	708
Net Surplus / (Shortfall)	51	(1,459)	(248)
Add Back Non-cash Depreciation	348	350	368
Ending Balance June 30	1,817	708	827
Designated to Date:			
Legal Reserve	(300)	(425)	(425)
Improvements	(5,992)	(5,992)	(5,992)
Total Designated to Date	(6,292)	(6,417)	(6,417)
Undesignated to Date:			
Freeman Diversion Rehab CIP	3,872	3,872	4,167
Operations	2,118	2,120	1,825
Legal Reserve	300	425	425
Total Undesignated to Date	6,290	- 6,417	- 6,417
Designated Balance	(2)	-	-
Net Available	1,815	708	827
Reserve Requirement			**$800 - $1,000k**

Water Rate Summary:

	FY 19-20			FY 20-21		
	Water Conservation Extraction Charge ($)	Acre Feet	Forecasted Revenue ($ thousands)	Water Conservation Extraction Charge ($)	Acre Feet	Forecasted Revenue ($ thousands)
Groundwater Revenue:						
Zone B - Agriculture	33.93	59,173	2,008	36.30	56,399	2,047
Zone B - Municipal & Industrial	101.80	13,400	1,364	108.90	13,200	1,437
Total Groundwater Revenue		72,573	3,372		69,599	3,485
	In Lieu of Extraction Charge ($)	Acre Feet	Forecasted Revenue ($ thousands)	In Lieu of Extraction Charge ($)	Acre Feet	Forecasted Revenue ($ thousands)
Water Deliveries:						
OH Pipeline - Municipal & Industrial	101.80	9,090	925	108.90	8,740	952
OH Pipeline - Agriculture	33.93	1,270	43	36.30	1,250	45
PV Pipeline - Agriculture	33.93	-	-	36.30	-	-
PT Pipeline - Agriculture	33.93	4,990	169	36.30	4,990	181
Total Pipeline Water Deliveries Revenue		15,350	1,138		14,980	1,178

United Water Conservation District

Oxnard-Hueneme Pipeline Fund - 450

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Revenues:			
Water Delivery/Fixed Costs	4,056	4,273	3,783
Unrecovered Variable	108	179	66
Fox Canyon GMA	131	130	200
Proceeds from Financing	-	-	3,098
Grants		-	300
Rents & Leases	48	38	30
Investment/Interest Earnings	79	41	20
Transfer in	91	-	-
Proceeds from Interfund Loan	749	-	-
Other Revenue	21	0	0
Total Revenues	5,282	4,660	7,497
Expenditures:			
Regular Salaries	634	519	489
Overtime Salaries	11	25	16
Employee Benefits	331	342	320
Personnel Costs	976	886	826
Contractual Services	85	55	133
Office Expenses	10	10	13
Travel, Meetings, Traning	2	5	5
Fuel-Gasoline-Diesel	24	30	29
Insurance	27	29	44
Fox Canyon GMA	139	129	201
Utilities	893	1,008	1,058
Telephone	1	3	3
Safety, Supplies, Clothing	16	18	19
Water Treatment Chemicals	66	80	130
Maintenance	305	286	404
Small Tools & Equipment	11	15	13
Permits & Licenses	22	25	19
Water Quality Services	31	48	48
Miscellaneous	10	25	35
Operating Expenses	1,641	1,767	2,155
Replacement/Depreciation	426	430	462
Allocated Overhead	551	619	576
Debt Repayment - Principal	119	123	133
Debt Repayment - Interest	61	54	172
Repayment of Interfund Loan	-	150	150
Financing Cost	1	2	2
Debt Service	181	330	456
Capital Outlay	154	189	42
Transfers Out	1,143	705	5,008
Other	1,143	705	5,008
Total Expenditures	5,072	4,925	9,524
Net : Surplus / (Shortfall)	210	(265)	(2,027)

United Water Conservation District

Oxnard-Hueneme Pipeline Fund - 450

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Cash Reserves/Working Capital:			
Beginning Balance July 1	1,986	2,622	2,788
Net Surplus / (Shortfall)	210	(265)	(2,027)
Add Back Non-cash Depreciation	426	430	462
Ending Balance June 30	2,622	2,788	1,223
Reserve Requirement	1,078	1,105	1,142

Water Delivery Rate Summary ($):	FY 19-20	FY 20-21
O & M Charge:		
Fixed Costs Per Unit of Peak Capacity	26,801.00	24,389.00
Fixed Well Replacement Charge	13.14	13.14
Variable Rate	252.03	242.70
Marginal Rate	152.25	158.43
Unrecovered Variable Rate	252.03	242.70
GMA Charge [1]	17.00	20.00

[1] - This rate is set by the GMA and subject to change.

United Water Conservation District
Oxnard-Hueneme Pipeline Fixed Well Replacement Schedule

Fiscal Year	Well #	Estimated Replacement Cost	Annual Contributions	Monthly Contributions (	Interest	Balance
($ thousands)						
Beginning Balance						759
2019-20		-	140	12	2	901
2020-21	#5	714	140	12	1	328
2021-22			140	12	1	469
2022-23			140	12	1	610
2023-24			140	12	1	751
2024-25			140	12	2	893
2025-26	#11	810	140	12	1	224
2026-27			140	12	1	365
2027-28			140	12	1	506
2028-29			140	12	1	647
2029-30			140	12	1	788
2030-31	#8	895	140	12	1	34
2031-32			140	12	-	174
TOTAL		2,419	1,820			

	Annual Req. ($)	75% of 2010 Sub-allocation	Rate ($)
Effective 2020-21	$ 140,000	10,655.15	$ 13.14

Oxnard-Hueneme Pipeline Fixed Well Replacement Charge

Contractor	75% of 2010 Sub-Allocation	Rate	Annual Contribution	Monthly Contribution
Effective 2020-21	10,655.15	$13.14	$ 140,000.00	$ 11,666.67
City of Oxnard (includes Oceanview)	6,725.50	$13.14	88,373.07	7,364.39
Port Hueneme Water Agency	3,467.50	$13.14	45,562.95	3,796.91
Dempsey Mutual	145.85	$13.14	1,916.47	159.71
E & H Land Company, LLC	3.94	$13.14	51.77	4.31
Saviers Road Mutual	20.68	$13.14	271.74	22.65
Cypress Mutual WD	72.15	$13.14	948.05	79.00
Rio School District	20.03	$13.14	263.19	21.93
Vineyard Ave Estates Mutual	199.50	$13.14	2,621.43	218.45
TOTAL	10,655.15		$ 140,008.67	$ 11,667.35

United Water Conservation District

Pleasant Valley Pipeline Fund - 460

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Revenues:			
Water Delivery/Fixed Costs	323	374	134
Proceeds from Financing	-	-	-
Rents and Leases	10	7	5
Investment/Interest Earnings	17	12	4
Proceeds from Interfund Loan	-	-	-
Other Revenue	0	0	-
Transfer In	1	-	-
Total Revenues	350	393	143
Expenditures:			
Regular Salaries	19	25	26
Overtime Salaries	1	2	1
Employee Benefits	17	20	22
Personnel Costs	37	47	48
Contractual Services	3	2	7
Office Expenses	4	2	2
Travel, Meetings, Traning	0	1	0
Fuel-Gasoline-Diesel	1	1	1
Insurance	6	2	4
Utilities	4	4	4
Telephone	0	0	0
Safety, Supplies, Clothing	3	2	4
Water Treatment Chemicals	-	-	-
Maintenance	22	74	52
Small Tools & Equipment	0	0	0
Permits & Licenses	7	0	0
Water Quality Services	0	-	-
Miscellaneous	1	3	2
Operating Expenses	50	93	78
Replacement/Depreciation	69	72	76
Allocated Overhead	119	48	52
Debt Repayment - Principal	5	5	5
Debt Repayment - Interest	6	6	2
Financing Cost	0	1	1
Repayment of Interfund Loan	-	156	-
Debt Service	11	167	8
Capital Outlay	5	5	-
Transfers Out	128	83	3
Total Expenditures	419	514	265
Net : Surplus / (Shortfall)	(69)	(121)	(122)

United Water Conservation District

Pleasant Valley Pipeline Fund - 460

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Cash Reserves/Working Capital:			
Beginning Balance July 1	358	358	309
Net Surplus / (Shortfall)	(69)	(121)	(122)
Add Back Non-cash Depreciation	69	72	76
Ending Balance June 30	358	309	262
Reserve Requirement			**263**

Reserve Requirement Calculation as Defined by Contract:

	FY 18-19	FY 19-20	FY 20-21
Personnel Costs	37	47	48
Operating Expenses	50	93	78
Allocated Overhead	119	48	52
Depreciation	69	72	76
Operating & Maintenance Expenses	275	259	254
Three Years Running Average			263

Water Delivery Rate Summary:

	FY 19-20			FY 20-21		
	Delivery Rate ($)	Acre Feet	Forecasted Revenue ($)	Delivery Rate ($)	Acre Feet	Forecasted Revenue ($)
O & M Rate	55.00	930.00	51,150.00	55.00	-	-
Fixed Costs (Monthly)	26,850.00		322,200.00	11,100.00		133,200.00
Fixed Costs (Monthly, C-Customers)	17.00		612.00	17.00		612.00

United Water Conservation District

Pumping Trough Pipeline Fund - 470

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Revenues:			
Water Delivery/Fixed Costs	1,772	1,928	2,224
Fox Canyon GMA	52	75	100
Grants	106	175	118
Proceeds from Financing	-	-	344
Rents and Leases	30	21	14
Investment/Interest Earnings	42	24	11
Proceeds from Interfund Loan	552	1,084	-
Transfer In	35	-	-
Other Revenue	13	3	3
Total Revenues	2,602	3,310	2,813
Expenditures:			
Regular Salaries	168	243	217
Overtime Salaries	13	9	13
Employee Benefits	128	165	159
Personnel Costs	309	417	390
Contractual Services	11	11	11
Office Expenses	6	7	6
Travel, Meetings, Traning	1	4	2
Fuel-Gasoline-Diesel	10	15	15
Insurance	20	20	33
Fox Canyon GMA	53	75	100
Utilities	312	345	405
Telephone	1	2	2
Safety, Supplies, Clothing	8	12	11
Water Treatment Chemicals	32	45	45
Maintenance	166	239	255
Small Tools & Equipment	4	6	6
Permits & Licenses	8	4	22
Water Quality Services	6	10	10
Miscellaneous	15	8	18
Operating Expenses	652	801	941
Replacement/Depreciation	449	460	488
Allocated Overhead	416	430	433
Debt Repayment - Principal[1]	49	50	270
Debt Repayment - Interest	34	37	68
Repayment of Interfund Loan		110	110
Financing Cost	0	1	1
Debt Service	84	198	449
Capital Outlay	258	296	225
Transfers Out	707	1,368	473
Total Expenditures	2,874	3,969	3,399
Net : Surplus / (Shortfall)	(273)	(660)	(586)

[1] Repayment of short-term loan of $317,500 to be made by June 30, 2021 is excluded as it will not impact

United Water Conservation District

Pumping Trough Pipeline Fund - 470

($ thousands)	Actual FY 2018-19	Adjusted Budget FY 2019-20	Proposed Budget FY 2020-21
Cash Reserves/Working Capital:			
Beginning Balance July 1	379	555	355
Net Surplus / (Shortfall)	(273)	(660)	(586)
Add Back Non-cash Depreciation	449	460	488
Ending Balance June 30	555	355	257
Reserve Requirement			**$250k - $300k**

Water Delivery Rate Summary:

	FY 19-20			FY 20-21		
	Delivery Rate ($)	Acre Feet/Turnout	Forecasted Revenue ($ thousands)	Delivery Delivery Rate ($)	Acre Acre Feet/Turnout	Forecasted Revenue ($ thousands)
O&M Rate	250.00	4,990	1,248	295.00	4,990	1,472
Fixed Costs - (Monthly)	950.00	54	616	1,050.00	54	680
Fixed Costs - Upper System (Monthly)	675.00	8	65	745.50	8	72


United Water
CONSERVATION DISTRICT

FY 2020-21 PROPOSED BUDGET

CAPITAL IMPROVEMENT PROJECTS

Capital Improvement Projects Budget Summary

Five Year Plan

Capital Improvement Project Details

Construction at the Santa Felicia Dam Spillway

CAPITAL IMPROVEMENT PROJECTS

Capital Improvement Projects (CIP) are established to account for financial resources that are proportionately designated to fund(s) for the acquisition or construction of District major capital facilities and improvements. The capital improvement budget and five-year capital improvement project plan are presented in this section. Only the first year of the plan is actually funded and appropriation authority is provided by the Board of Directors as part of each annual budget adoption. However, once approved, Board authorized appropriations carry over from year to year until expended or the project is completed or eliminated (i.e. no longer necessary).

CIP costs are proportionately allocated based on their estimated benefit to District-wide water conservation activities (Zone A); Freeman Fund activities (Zone B groundwater extraction charge); or the three (3) enterprise pipeline funds (O&M delivery charge) operations.

Capital Improvement Budget Summary
FY 2020-21

($ thousands)	General/Water Conservation Fund	Freeman Fund	OH Pipeline Fund	OH Well Replacement Fund	Pleasant Valley Pipeline	Pumping Trough Pipeline	TOTAL
CASH RESERVES/WORKING CAPITAL:							
Beginning Balance less Carryovers	-	-	-	901	-	-	901
REVENUES:							
Grants	-	-	300	-	-	118	418
Proceeds from Financing	2,702	598	3,098	-	-	344	6,742
Well Replacement Charge	-	-	-	140	-	-	140
Interest - Well Replacement Charge	-	-	-	5	-	-	5
Transfer In	646	92	1,610	-	3	11	2,363
Total Revenues	3,348	690	5,008	145	3	473	9,666
	-	-	-	(570)	-	-	
EXPENDITURES:							
Personnel Costs	309	179	153	31	2	161	835
Capital Outlay	3,039	511	4,855	683	1	311	9,401
Transfer Out	-	-	-	-	-	-	-
Total Expenditures	3,348	690	5,008	714	3	473	10,236
Net Surplus/(Shortfall)	-	-	-	(570)	-	-	(570)
CASH RESERVES/WORKING CAPITAL:							
Ending Balance June 30, 2019	-	-	-	331	-	-	331
Reservations/Designation:							
Designated for Future Years				331			

United Water Conservation District

FIVE YEAR CAPITAL IMPROVEMENT PROJECT PLAN

($ thousands)

Project #	Fund	Description	Allocation To Date	Funded Allocations Remaining	Salary Carryover	Budget FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-thereafter	Total Project Cost
8000	452	Well Replacement Program	876	697	179	714	-	-	-	-	1,590
8001	421	Freeman Diversion Rehab	8,377	3,688	-	77	4,400	41,300	19,300	-	73,453
8002	051	SFD Outlet Works Rehab	3,743	844	159	1,297	2,765	18,828	22,153	4,603	53,390
8003	051	SFD PMF Containment	3,861	1,123	116	1,052	1,568	1,653	2,256	32,130	42,520
8005	051	SFD Sediment Management	95	34	17	70	80	-	-	-	245
8006		Lower River Quagga Mussel Management Project	577	321	-	4	30	30	-	-	640
8007	451	OHP Iron and Manganese Treatment Removal	1,141	1	9	4,039	4,475	-	-	-	9,655
8010	051	Lake Piru Asphalt	1,518	175	17	18	-	-	-	-	1,536
8018	051	Ferro-Rose Recharge	1,897	619	171	13	5,240	24,700	-	-	31,849
8019	051	Coastal Brackish Water Treatment Plant	60	37	(37)	340	1,483	4,056	4,032	144,697	154,667
8021	471	Rice Avenue Overpass PTP	73	-	15	10	-	-	-	-	83
8022	471	PTP Turnout Metering System	1,018	209	0	442	295	-	-	-	1,755
8023	051	Pothole Trailhead	312	143	(16)	191	-	-	-	-	503
8025	051	State Water Interconnection Project	303	112	37	6	250	-	-	-	559
8028		Replace El Rio Trailer	35	-	-	75	280	-	-	-	390
8030	051	Alternative Supply Alliance Pipeline	362	330	-	-	-	-	-	-	362
8032	051	Grand Canal	790	619	171	20	-	-	-	-	810
8033	421	Floc Building Emergency Generator	-	-	-	78	-	-	-	-	78
8034	051	Lake Piru Campground Electrical Update	66	66	-	8	300	300	-	-	673
8036	451	OH System Emergency Generator	-	-	-	909	-	-	-	-	909
8037	051	Piru WTP Emergency Generator	-	-	-	102	-	-	-	-	102
8039	051	Santa Paula Tower Emergency Generator	61	58	-	5	-	-	-	-	66
8041		Asset Management/CMMS System	30	30	-	83	150	-	-	-	263
8042	420	Recycled Water Groundwater Replenishment and Reuse Program	-	-	-	519	476	2,523	5,195	-	8,714
8043	470	PTP-PVCWD Laguna Road Recycled Water Pipeline Interconnection	-	-	-	-	220	804	1,383	-	2,408
8044	470	PTP-Camrosa Laguna Road Recycled Water Pipeline Interconnection	-	-	-	-	407	2,698	4,462	-	7,566
8045	051	Lake Piru e-Kiosk	-	-	-	166	-	-	-	-	166
		TOTAL AMOUNT PER YEAR	25,193	9,106	836	10,236	22,419	96,891	58,781	181,431	394,951

If no fund is noted, project is expensed throughout multiple funds. See detailed project sheets for breakdown.

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Well Replacement Program**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8000**
Department:	**Engineering 400**	**Strategic Objective:**	**B1**	**Fund Charged**	**452**

Project Description	
Description	The District initiated an asset management and preventative maintenance program to replace the Upper Aquifer System (UAS) water wells supplying Oxnard-Hueneme (OH) Pipeline. The wellfield is located at the El Rio Groundwater Recharge Facility. The program calls for replacing one water well every three to five years until the 7 original wells have been replaced.
Need Benefit, and Relation to Existing Facilities	Several of the original UAS water wells supplying the OH pipeline are still in service. The original UAS wells were constructed in the mid-1950s using the "cable-tool" technique and are nearing the end of their service life. Around FY 2000 the District and the OH service customers agreed to setup a dedicated account to replace one well every 3 to 5 five years. Well No. 2A was replaced in the 1980s but is experiencing some casing problems. The latest replacement well was in 2017 when Well No. 4 was replaced by Well No. 18. The District has replaced Well Nos. 3, 4, and 7 since the program began.
Current Status	The next well replacement is scheduled begin in FY 2020-21.
Graphical Information	 

PROJECT FUNDING

Project 8000	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0%	-	-	-	-	-	-	-
Debt Proceeds	0%	-	-	-	-	-	-	-
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	100%	875,705	714,430	-	-	-	-	1,590,135
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**875,705**	**714,430**	**-**	**-**	**-**	**-**	**1,590,135**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	178,705		178,705	31,430		-	-	-	210,135
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**178,705**	**-**	**178,705**	**31,430**	**-**	**-**	**-**	**-**	**210,135**
Project Planning & Design									
Design	8,000	-	8,000	8,000		-	-	-	16,000
Survey	-	-	-	-	-	-	-	-	-
Geotechnical	4,000	-	4,000	4,000		-	-	-	8,000
Total Planning & Design	**12,000**	**-**	**12,000**	**12,000**	**-**	**-**	**-**	**-**	**24,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	5,000		5,000	1,000		-	-	-	6,000
Total Land Acquisition	**5,000**	**-**	**5,000**	**1,000**	**-**	**-**	**-**	**-**	**6,000**
Construction									
Equipment	130,000		130,000	70,000		-	-	-	200,000
Construction	550,000		550,000	600,000		-	-	-	1,150,000
Total Improvements	**680,000**	**-**	**680,000**	**670,000**	**-**	**-**	**-**	**-**	**1,350,000**
Total Project Costs	**875,705**	**-**	**875,705**	**714,430**	**-**	**-**	**-**	**-**	**1,590,135**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Freeman Diversion Rehab**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8001**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**421**

Project Description	
Description	The project proposes to accomplish five items of rehabilitation: 1) Construct a fish passage facility, 2) Add cast concrete over the RCC face, 3) Reconfigure the existing fish screens, 4) Add trash racks or screens at the pipe inlets, and 5) Dredge the desilting basin to original lines and grades.
Need Benefit, and Relation to Existing Facilities	Item 1 is intended to comply with an ESA settlement as well as a mitigation measure for the Habitat Conservation Plan (HCP). The fish passage facility will provide a means for the District to comply with the ESA and continue diverting water at the Freeman Diversion. Item 2 is necessary to preserve the long term integrity of the structure. Item 3 is advisable for a variety of operational and ESA reasons. Item 4 is necessary for operator safety. Item 5 will allow for another 20 years of project operations.
Current Status	Design of a new fish passage facility enables diversion of higher flows with high levels of suspended sediment and facilitates managing limited water resources and balancing and meeting demands of the Oxnard Plain users through groundwater recharge. The new fish passage is intended to be implemented in multiple phases and is the longest lead item. The District together with its consultants have been developing preliminary basis of design and hydraulic design for multiple design alternatives and continue to determine the passage's details . Additional geotechnical investigation and land survey may be required to complete the design. Detailed 2-D computer modeling and 3-D physical modelling will be conducted to further refine the design. Depending on the HCP review and passage design review and approved by the regulators, the construction of the fish passage facility (Item 1) and diversion modifications (Items 2,3, 4 and 5) could begin as early as fiscal Year 2021-22.
Graphical Information	

PROJECT FUNDING

Project 8001	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0%	-	-	-	-	-	-	-
Debt Proceeds	100%	-		4,400,000	41,300,000	19,300,000	-	65,000,000
Freeman	0%	8,376,614	76,544	-	-	-	-	8,453,158
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**8,376,614**	**76,544**	**4,400,000**	**41,300,000**	**19,300,000**	**-**	**73,453,158**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Est Exp Thru End of Year	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	590,000	590,000	-	76,544	150,000	300,000	300,000		1,416,544
Legal Fees	60,050	4,050	56,000	-	250,000	-	-	-	310,050
Total Admin/Inspection	**650,050**	**594,050**	**56,000**	**76,544**	**400,000**	**300,000**	**300,000**	**-**	**1,726,594**
Project Planning & Design									
Design	5,540,104	3,100,000	2,440,104		2,000,000	3,000,000	-	-	10,540,104
Survey	154,717	159,081	(4,364)	-	-	-	-	-	154,717
Geotechnical	274,257		274,257	-	-	-	-	-	274,257
Total Planning & Design	**5,969,078**	**3,259,081**	**2,709,997**	**-**	**2,000,000**	**3,000,000**	**-**	**-**	**10,969,078**
Land Acquisition									
Row / Land Acquisition	184,439	53,879	130,560	-	-	-	-	-	184,439
CEQA / Permits	1,331,454	639,900	691,554	-	-	-	-	-	1,331,454
Total Land Acquisition	**1,515,893**	**693,779**	**822,114**	**-**	**-**	**-**	**-**	**-**	**1,515,893**
Construction									
Equipment	1,118	2,277	(1,159)	-		2,000,000	-	-	2,001,118
Construction	240,475	139,023	101,452	-	2,000,000	36,000,000	19,000,000	-	57,240,475
Total Improvements	**241,593**	**141,300**	**100,293**	**-**	**2,000,000**	**38,000,000**	**19,000,000**	**-**	**59,241,593**
Total Project Costs	**8,376,614**	**4,688,210**	**3,688,404**	**76,544**	**4,400,000**	**41,300,000**	**19,300,000**	**-**	**73,453,158**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

The project is a component of the MSHCP and must be coordinated with U.S. Army Corps of Engineers, National Marine Fishery Service, CDFW, USFWS and the County of Ventura.

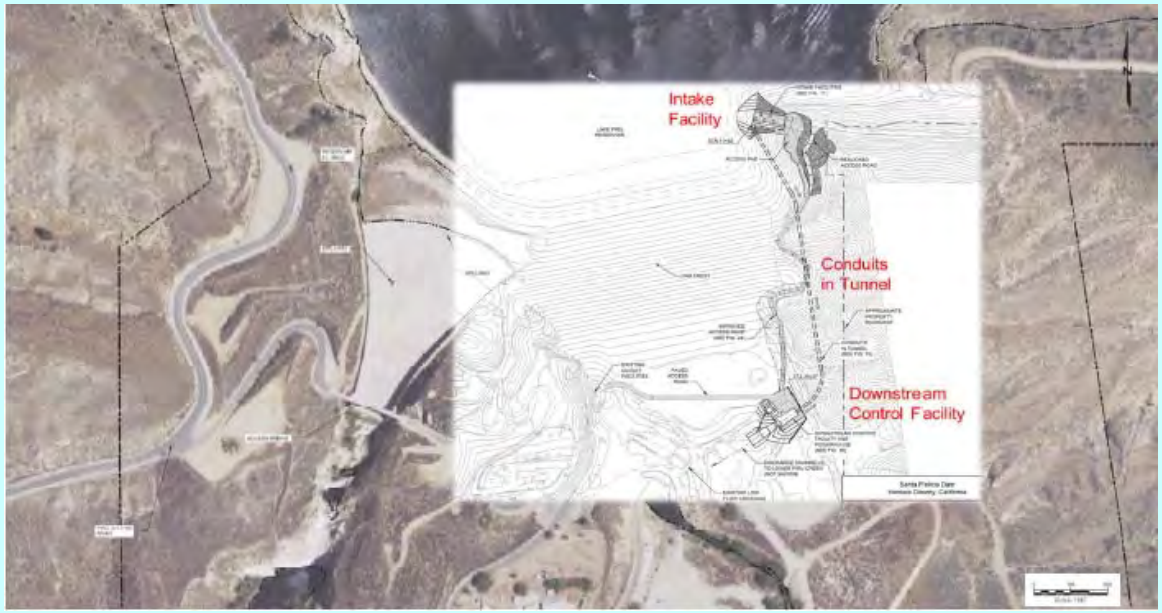
Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**SFD Outlet Works Rehab**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8002**
Department:	**Engineering** **400**	**Strategic Objective:**	**B2**	**Fund Charged**	**051**

Project Description	
Description	Replace the nearly buried and seismic-deficient intake tower at Santa Felicia Dam with a robust facility with a sloped multi-elevation intake. Abandon and replace the corroded and seismically marginal penstock and tunnel.
Need Benefit, and Relation to Existing Facilities	The existing intake tower which was extended approximately 30 vertical feet in 1977 has lasted over sixty four years since it was originally built in 1955. Based on the 2015 bathymetric survey, the sediment was within 4.1 feet below the intake sill. If sedimentation continues at a similar rate, the outlet works may be silted in as early as year 2022. A 2012 seismic evaluation determined that the structure is significantly vulnerable to high seismic loads. A failure of the intake tower could compromise the safety and operation of the dam. A seismic deformation analysis of the upstream slope conducted in 2015 indicates that a Maximum Creditable Earthquake (MCE) could potentially cause a failure of the 66-inch diameter outlet conduit and the 60-inch steel penstock. The proposed intake tower replacement includes provide relocation and construction of a new outlet works and other related facilities.
Current Status	During the Fiscal Years 2018/19 and 2019/20, the District completed Phase 2 and 10% design of the Outlet Works. Additionally, the CEQA permitting process that was initiated in 2016 was completed by the Environmental Impact Report (EIR) was adopted by the District as the lead agency in February 2019. Per the Federal Energy Regulatory Commission (FERC) Engineering Guidance, the District has convened a Board of Consultants (BOC) to provide peer review and quality assurance of the design. In October 2018, the BOC agreed with the proposed preferred design alternative for the Outlet Works. The design team proceeded with the 10% design and provided the results of the additional analyses and recommendations to the BOC in December 2019 and received the BOC's recommendations to proceed with the design of the Outlet Works. The 10% design packet was submitted to FERC and the Department of Water Resources Division of the Safety of Dams (DSOD) in March 2020. The Outlet Works design will be advanced to 30% design in the Fiscal Year 2020/21 and is anticipated to be complete by the Fiscal Year 2022/23. The federal permitting and the National Environmental Policy Act (NEPA) documentation that began in April 2019 is expected to be complete in the Fiscal Year 2020/21. The federal permitting process requires the District to file a non-capacity license amendment application for the Santa Felicia Dam with FERC.
Graphical Information	

PROJECT FUNDING

Project 8002	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100%	3,743,353						3,743,353
Debt Proceeds	0%	-	1,297,195	2,764,600	18,828,000	22,153,400	4,603,400	49,646,595
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**3,743,353**	**1,297,195**	**2,764,600**	**18,828,000**	**22,153,400**	**4,603,400**	**53,389,948**

PROJECT COSTS

	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Est Exp Thru End of Year	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	385,493	226,668	158,825	59,245					444,738
Legal Fees	22,000	4,781	17,219	-	-	-	-	-	22,000
Total Admin/Inspection	**407,493**	**231,449**	**176,044**	**59,245**	**-**	**-**	**-**	**-**	**466,738**
Project Planning & Design									
Design	2,270,518	2,041,493	229,025	440,374	2,200,000	1,103,400	103,400	103,400	6,221,092
Survey	63,670	23,670	40,000	-	-	-	50,000	100,000	213,670
Geotechnical	310,000	70,000	240,000	797,576	-	-	-	-	1,107,576
Total Planning & Design	**2,644,188**	**2,135,163**	**509,025**	**1,237,950**	**2,200,000**	**1,103,400**	**153,400**	**203,400**	**7,542,338**
Land Acquisition									
Row / Land Acquisition	60,000	-	60,000	-	-	-	-	-	60,000
CEQA / Permits	631,672	373,650	258,022	-	124,600	124,600	-	-	880,872
Total Land Acquisition	**691,672**	**373,650**	**318,022**	**-**	**124,600**	**124,600**	**-**	**-**	**940,872**
Construction									
Equipment			-	-	-	-	-	-	-
Construction			-	-	440,000	17,600,000	22,000,000	4,400,000	44,440,000
Total Improvements	**-**	**-**	**-**	**-**	**440,000**	**17,600,000**	**22,000,000**	**4,400,000**	**44,440,000**
Total Project Costs	**3,743,353**	**2,740,262**	**1,003,091**	**1,297,195**	**2,764,600**	**18,828,000**	**22,153,400**	**4,603,400**	**53,389,948**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

12/13	$86,000	050	$126,600 010
13/14	$448,000	050	$70,400 2005B Rev Bonds trsf from 822
14/15	$80,000	050	$(76,000) reduction of Bond trsf to 875
15/16	$278,000	050	$480,000 Trsfr from 861

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**SFD PMF Containment**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8003**
Department:	**Engineering** **400**	**Strategic Objective:**	**B2**	**Fund Charged**	**051**

Project Description	
Description	The Probable Maximum Flood (PMF) at all dams must be confined to the structure and spillway. Overtopping earthen dams will almost certainly lead to failure. UWCD will need to increase the passthrough capacity of the spillway. The preferred modifications include steepening the spillway, retrofitting the existing east spillway wall and raising the height of the dam crest.
Need Benefit, and Relation to Existing Facilities	The spillway's original design allowed to pass a maximum flood of 105,000 cfs. The PMF increased dramatically following application of the new standard National Weather Service's California rainfall model (HMR-58/59). The 2006 PMF inflow was determined to be 321,000 cfs. California Division of Safety of Dams (DSOD) calculated a "modified" PMF inflow of 220,000 cfs. Both DSOD and FERC directed the District to reduce the risk of failure using the modified inflow as inflow design flood (IDF). A site-specific study of the Piru Creek watershed indicated that the model was flawed and overly conservative. The District retained GEI Consultants in 2013 to perform a feasibility study to evaluate alternatives to mitigate the hydraulic deficiency of the existing spillway.
Current Status	The existing spillway does not have adequate capacity to pass the IDF of 220,000 cfs. The purpose of the spillway modification is to safely pass the IDF without overtopping the spillway walls. The GEI Consultants (GEI) perform a feasibility study to evaluate alternatives to mitigate the hydraulic deficiency of the existing spillway. The findings were presented to DSOD and FERC in 2015. The Phase II Study that followed the feasibility study developed conceptual designs for four different spillway modifications and identified the preferred design alternative for spillway modifications. In 2018, the results were presented to the Board of Consultants (BOC) who provides peer review and quality assurance of the design. The preferred design alternative for spillway modifications include preserving the existing ogee spillway crest, preserving the existing spillway walls and wall footings, raising the existing walls elevation and replacing the spillway chute downstream of the ogee crest, and raising the embankment dam crest. The design efforts were advanced to 10% design in 2019 and based on further analyses multiple alternatives for retrofitting the existing east spillway wall were identified. The results of the 10% design were presented to the BOC in December 2019 and the final 10% design packet was submitted to DSOD and FERC in March 2020. Future design milestones are anticipated to be at 30, 60, 90, and 100% completion levels and the 30% design development is anticipated to be complete in the Fiscal Year 2020/21. Construction of the spillway modifications is anticipated to begin after completion of the new outlet works construction.
Graphical Information	

PROJECT FUNDING

Project 8003	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100%	3,861,136	-	-	-	-	-	3,861,136
Debt Proceeds	0%	-	1,052,370	1,567,700	1,652,700	2,256,050	32,130,050	38,658,870
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**3,861,136**	**1,052,370**	**1,567,700**	**1,652,700**	**2,256,050**	**32,130,050**	**42,520,006**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	423,147	307,154	115,993	58,370					481,517
Legal Fees	11,000	6,148	4,852	-	15,000	-	-	-	26,000
Total Admin/Inspection	**434,147**	**313,302**	**120,845**	**58,370**	**15,000**	**-**	**-**	**-**	**507,517**
Project Planning & Design									
Design	2,182,182	1,934,299	247,883	526,000	1,200,000	1,600,000	857,000	171,000	6,536,182
Survey	1,050	1,050	-	-	-	-	-	200,000	201,050
Geotechnical	600,000	-	600,000	468,000	-	-	-	-	1,068,000
Total Planning & Design	**2,783,232**	**1,935,349**	**847,883**	**994,000**	**1,200,000**	**1,600,000**	**857,000**	**371,000**	**7,805,232**
Land Acquisition									
Row / Land Acquisition	709	709	-	-	-	-	-	-	709
CEQA / Permits	601,449	372,716	228,733	-	52,700	52,700	79,050	79,050	864,949
Total Land Acquisition	**602,158**	**373,425**	**228,733**	**-**	**52,700**	**52,700**	**79,050**	**79,050**	**865,658**
Construction									
Equipment	41,599	-	41,599	-	-	-	-	-	41,599
Construction	-	-	-	-	300,000	-	1,320,000	31,680,000	33,300,000
Total Improvements	**41,599**	**-**	**41,599**	**-**	**300,000**	**-**	**1,320,000**	**31,680,000**	**33,341,599**
Total Project Costs	**3,861,136**	**2,622,077**	**1,239,059**	**1,052,370**	**1,567,700**	**1,652,700**	**2,256,050**	**32,130,050**	**42,520,006**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

11/12	$255,000	010	$116,291	010
12/13	$6,000	050	$ 17,475	Supp from GF Res
13/14	$60,000	050	$ 57,525	Trsfr from 860 1/11 2005 Bonds
14/15	$220,000	050	$217,872	2005B Rev Bonds
15/16	$216,000	050		

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

*FY 15-16 forward will use the General/Water Conservation Fund as the main funding source.

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**SFD Sediment Management**		**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8005**
Department:	**Engineering**	**400**	**Strategic Objective:**	**B1**	**Fund Charged**	**051**

Project Description	
Description	Develop a long term strategy for the sedimentation of Lake Piru. This could involve removal, relocation and/or in-place stabilization.
Need Benefit, and Relation to Existing Facilities	The sediment in the lake is measured every ten years, with the next survey scheduled for 2026. There will be an opportunity to check the sediment as part of the bathymetric survey that is scheduled for 2020. The volume of accumulated sediment is large. Each unit of sediment removed from below the operational water surface lends a like unit to usable water storage. However, current cost of standard earth moving techniques is expected to exceed $1,600/ AF for adjacent benching.
Current Status	No significant activity has occurred. Staff plans to conduct a feasibility study for removal of sediment from Lake Piru as part of the SFD Outlet Works Rehab project.
Graphical Information	

PROJECT FUNDING

Project 8005	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100%	94,954	70,000	80,000	-	-	-	244,954
Debt Proceeds	0%	-	-	-	-	-	-	-
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**94,954**	**70,000**	**80,000**	**-**	**-**	**-**	**244,954**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Est Exp Thru End of Year	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	20,657	3,670	16,987	-	20,000	-	-	-	40,657
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**20,657**	**3,670**	**16,987**	**-**	**20,000**	**-**	**-**	**-**	**40,657**
Project Planning & Design									
Design	10,000	20,000	(10,000)	50,000	50,000	-	-	-	110,000
Survey	64,297	*20,000*	44,297	5,000		-	-	-	69,297
Geotechnical	-	-	-	5,000	-	-	-	-	5,000
Total Planning & Design	**74,297**	**40,000**	**34,297**	**60,000**	**50,000**	**-**	**-**	**-**	**184,297**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	10,000	10,000	-	-	-	20,000
Total Land Acquisition	**-**	**-**	**-**	**10,000**	**10,000**	**-**	**-**	**-**	**20,000**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Total Improvements	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total Project Costs	**94,954**	**43,670**	**51,284**	**70,000**	**80,000**	**-**	**-**	**-**	**244,954**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

$75,000 2009 COP Bonds
15/16 $78,277 050

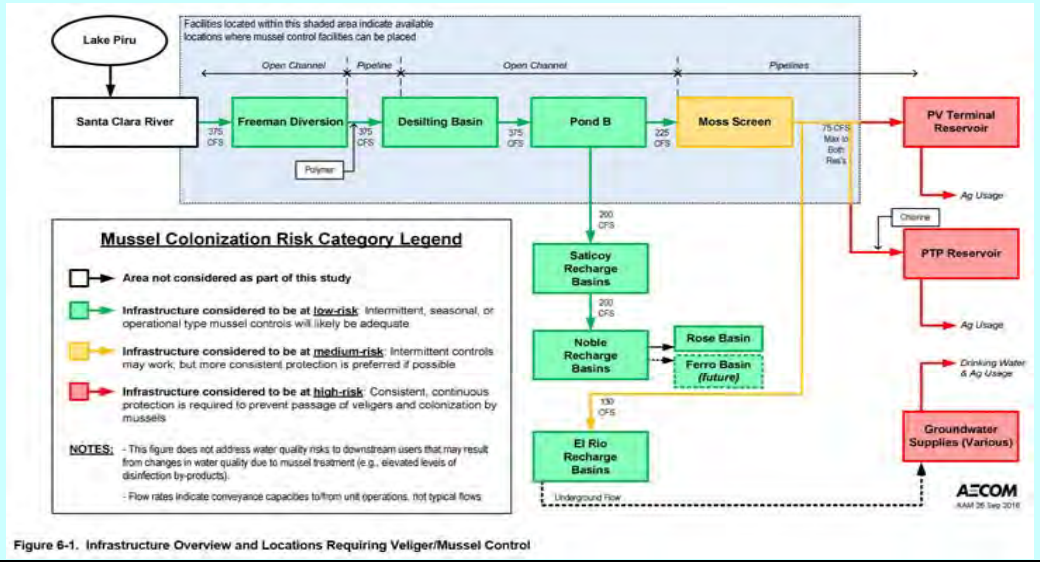
Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Lower River Quagga Mussel Management Project**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8006**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**052**

Project Description	
Description	Evaluate, design and implement operational modifications and treatment options to control invasive species (i.e. quagga mussels) on the Lower River System and Pipelines (Freeman Diversion, Saticoy, El Rio, PVCWD, and PTP).
Need Benefit, and Relation to Existing Facilities	The District is preparing to deal with the quagga mussel threat. If the mussels migrate downstream from Piru Creek, the lower river system, recharge basins and pipeline customers could be adversely affected. Once colonies have been established, the mussels are challenging to eradicate. Control will include modifying operations and the installation of treatment facilities. Implementation will be phased over a period of years.
Current Status	On October 15, 2015, the District selected the engineering firm AECOM to prepare a feasibility study on invasive species control options for the Freeman Diversion and Lower River System infrastructure. The results of the feasibility study were presented to PTP and PVCWD stakeholders at user meetings held on April 18 and December 8, 2016. The final feasibility study report dated September 27, 2016 was posted to the District's website for public review. In March 2019, a chemical treatment pilot study was conducted by KASF Consulting to determine the efficacy of various chemical disinfectants on quagga mussel veligers. In September 2019, the final report was delivered and none of the chemicals tested achieved the high mortality rates at low concentrations needed for a successful chemical treatment system. Several recommendations were provided for a second round pilot study using different chemical treatments that could yield better results. Additionally, the District plans to perform pilot testing to evaluate the treatment efficacy of shallow infiltration galleries.
Graphical Information	 Figure 6-1. Infrastructure Overview and Locations Requiring Veliger/Mussel Control 

PROJECT FUNDING

Project 8006	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	20%	115,303	757	6,000	6,000	-	-	128,060
Debt Proceeds	0%	-	-	-	-	-	-	-
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	40%	230,607	1,513	12,000	12,000	-	-	256,120
PT Pipeline	40%	230,607	1,513	12,000	12,000	-	-	256,120
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**576,517**	**3,783**	**30,000**	**30,000**	**-**	**-**	**640,300**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	75,000	75,000	-	3,783	30,000	30,000			138,783
Legal Fees		-	-	-	-	-	-	-	-
Total Admin/Inspection	**75,000**	**75,000**	**-**	**3,783**	**30,000**	**30,000**	**-**	**-**	**138,783**
Project Planning & Design									
Design	490,517	176,983	313,534	-	-	-	-	-	490,517
Survey	6,000	4,000	2,000	-	-	-	-	-	6,000
Geotechnical	5,000	-	5,000	-	-	-	-	-	5,000
Total Planning & Design	**501,517**	**180,983**	**320,534**	**-**	**-**	**-**	**-**	**-**	**501,517**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	-	-	-	-	-	-
Total Land Acquisition	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-		-	-	-	-
Total Improvements	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total Project Costs	**576,517**	**255,983**	**320,534**	**3,783**	**30,000**	**30,000**	**-**	**-**	**640,300**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Water Conservation 050

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**OHP Iron and Manganese Treatment Removal**		**Mission-Related Goal:** B. System Reliability	**Project Number**	**8007**
Department:	**Engineering**	**400**	**Strategic Objective:** B2	**Fund Charged**	**451**

Project Description	
Description	Construct treatment facilities to remove dissolved iron and manganese from OH Wells 12, 13, and 14.
Need Benefit, and Relation to Existing Facilities	Rising nitrate concentrations in the nine (9) Upper Aquifer System (UAS) wells as part of the El Rio Wellfield have resulted in the need for increased extractions from the three (3) Lower Aquifer System (LAS) wells (Well Nos. 12, 13 and 14). The LAS wells exceed the recommended concentrations of iron and manganese (currently 0.3 milligrams per liter (mg/L) and 0.05 mg/L respectively). In order to comply with State Water Resources Control Board Division of Drinking Water (DDW) secondary Drinking Water Standards (standards that address water aesthetics), the District must either blend the water with other sources that are lower in iron and manganese, sequester the minerals, reduce the contaminants to acceptable levels, or survey customers and continue to apply for a waiver for not meeting DDW secondary drinking water standards. The current drought has stressed existing sources and blending is not always possible. Sequestering the minerals causes water quality issues with the pipeline customers.
Current Status	Staff has prepared a feasibility study for iron and manganese treatment which was distributed to stakeholders on March 10, 2016. Pilot Plant testing commenced in May 2016 which successfully demonstrated higher design treatment loading rates are possible than initially thought. The feasibility study was updated in August 2016 with the recommendation to pursue manganese dioxide coated filter media. A Request for Qualifications and Proposals for design services was issued to interested engineering firms on January 16, 2018 and a design contract was awarded on July 11, 2018. On June 26, 2018, the District was notified that its application for $300,000 in federal grant funding from the Bureau of Reclamation was accepted. In November 2019, the District applied for a $2.5 million Prop 1 Integrated Regional Water Management grant. Completion of design is anticipated by mid-2020 and start of construction by Fall 2020.
Graphical Information	 

PROJECT FUNDING

Project 8007	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0%	-	-	-	-	-	-	-
Debt Proceeds	0%		3,739,158	4,475,153	-	-	-	8,214,311
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	100%	1,140,777		-	-	-	-	1,140,777
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	300,000	-	-	-	-	300,000
Total Funding Sources	**100%**	**1,140,777**	**4,039,158**	**4,475,153**	**-**	**-**	**-**	**9,655,088**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Est Exp Thru End of Year	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	214,655	206,000	8,655	138,604					353,258
Legal Fees		3,586	(3,586)	-	-	-	-	-	-
Total Admin/Inspection	**214,655**	**209,586**	**5,069**	**138,604**	**-**	**-**	**-**	**-**	**353,258**
Project Planning & Design									
Design	815,539	813,200	2,339	119,588	96,413		-	-	1,031,539
Survey	26,000	22,434	3,566	19,931	-	-	-	-	45,931
Geotechnical	20,750	25,725	(4,975)	28,088	-	-	-	-	48,838
Total Planning & Design	**862,289**	**861,359**	**930**	**167,607**	**96,413**	**-**	**-**	**-**	**1,126,308**
Land Acquisition									
Row / Land Acquisition		-	-	-	-	-	-	-	-
CEQA / Permits	20,774	20,774	-	71,262	-	-	-	-	92,036
Total Land Acquisition	**20,774**	**20,774**	**-**	**71,262**	**-**	**-**	**-**	**-**	**92,036**
Construction									
Equipment	39,350	39,350	-		-	-	-	-	39,350
Construction	3,710	3,710	0	3,661,686	4,378,740	-	-	-	8,044,136
Total Improvements	**43,060**	**43,060**	**0**	**3,661,686**	**4,378,740**	**-**	**-**	**-**	**8,083,486**
Total Project Costs	**1,140,777**	**1,134,778**	**5,999**	**4,039,158**	**4,475,153**	**-**	**-**	**-**	**9,655,088**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

FY 17-18	FY 18 - 19	FY 19 - 20
450 - 100%	Debt Proceeds - 76%	Debt Proceeds - 100%

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Lake Piru Asphalt**		**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8010**
Department:	**Engineering**	**400**	**Strategic Objective:**	**B1**	**Fund Charged**	**051**

Project Description	
Description	The District developed the Pavement Maintenance Program to systematically repair and resurface the roads and parking lots in the Lake Piru Recreation Area. This program includes: repair of the asphalt concrete pavement utilizing different methodology (e.g., pulverize in place, asphalt overlays, crack sealing, slurry seals), and associated repairs throughout the Lake Piru Recreation Area.
Need Benefit, and Relation to Existing Facilities	The existing asphalt concrete pavement for many of the existing travel ways and parking lot areas in the Lake Piru Recreation Area are damaged due to aging. In 2011 the District began implementing a maintenance program to repair the existing asphalt concrete pavement throughout the Lake of Piru Recreation Area. The pavement repairs and rehabilitation will enhance the park visitors' experience and improve road safety.
Current Status	In FY 2019-2020, the District completed the pavement repair for approximately 53,000 sq. ft of the existing Olive Grove Campground adjacent roads. The Lake Piru Recreation Area Pavement Maintenance Program for the FY 2020-2021 will include repair of approximately 1,900 linear feet of the existing damaged asphalt concrete pavement on Oak Lane (see photo below). The project will also include the replacement of the existing asphalt concrete berm at both sides of Oak Lane.
Graphical Information	  

PROJECT FUNDING

Project 8010	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100%	1,517,915	17,768	-	-	-	-	1,535,683
Debt Proceeds	0%	-	-	-	-	-	-	-
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**1,517,915**	**17,768**	**-**	**-**	**-**	**-**	**1,535,683**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	117,051	100,000	17,051	17,768	-	-	-	-	134,819
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**117,051**	**100,000**	**17,051**	**17,768**	**-**	**-**	**-**	**-**	**134,819**
Project Planning & Design									
Design	16,835	16,835	-	-	-	-	-	-	16,835
Survey	-	-	-	-	-	-	-	-	-
Geotechnical	8,834	3,000	5,834	-	-	-	-	-	8,834
Total Planning & Design	**25,669**	**19,835**	**5,834**	**-**	**-**	**-**	**-**	**-**	**25,669**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	40,880	15,000	25,880	-	-	-	-	-	40,880
Total Land Acquisition	**40,880**	**15,000**	**25,880**	**-**	**-**	**-**	**-**	**-**	**40,880**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	1,334,315	1,191,186	143,129	-	-	-	-	-	1,334,315
Total Improvements	**1,334,315**	**1,191,186**	**143,129**	**-**	**-**	**-**	**-**	**-**	**1,334,315**
Total Project Costs	**1,517,915**	**1,326,021**	**191,894**	**17,768**	**-**	**-**	**-**	**-**	**1,535,683**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

10/11 $80,000 010
11/12 $354,808 010 $51,731 2005B Rev Bonds transfers from 890
12/13 $94,000 010 14/15 $201,500 010
13/14 $144,163 010 15/16 $174,651 010

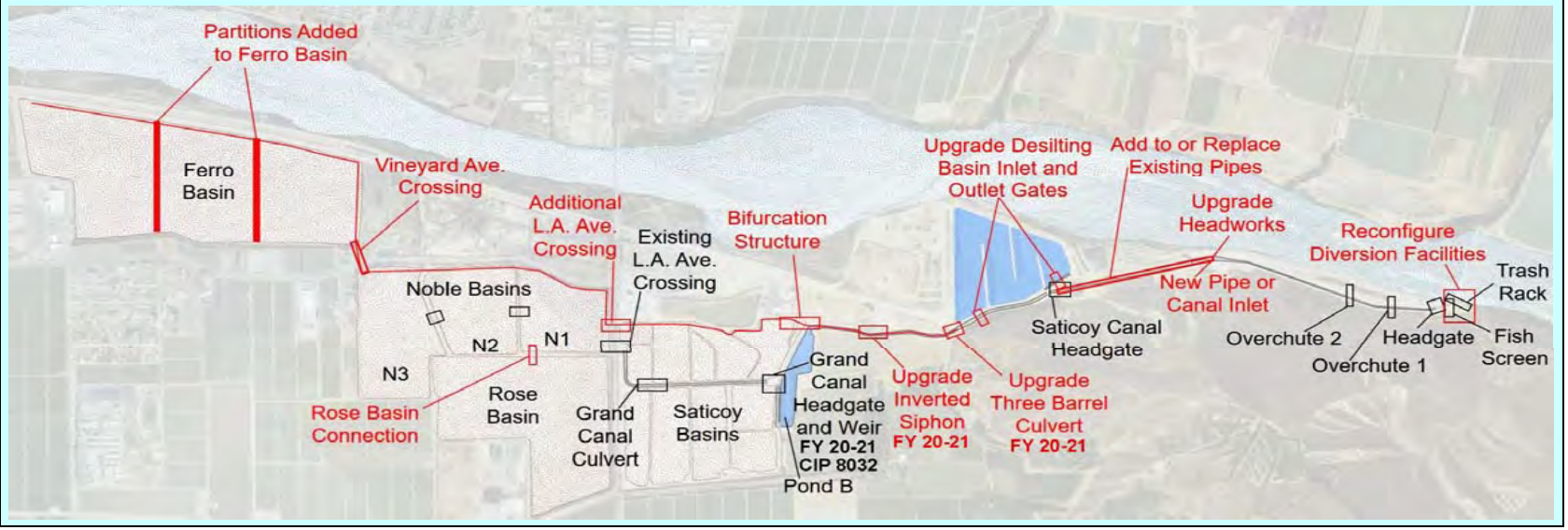
Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Ferro-Rose Recharge**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8018**
Department:	**Engineering** **400**	**Strategic Objective:**	**B2**	**Fund Charged**	**051**

Project Description	
Description	Increase UWCD's existing diversion capacity and groundwater recharge system that benefits all of the hydrologically connected basins in the District by expanding and extending water conveyance and retention features to the reclaimed Rose and Ferro aggregate mining pits.
Need Benefit, and Relation to Existing Facilities	UWCD acquired the Ferro and Rose properties from Vulcan Materials in 2009. Both the Ferro and Rose parcels are essentially adjacent to UWCD's Noble Basin recharge facility. The aquifers of the Oxnard Plain remain in overdraft. The yield of the Freeman Diversion has been reduced in order to satisfy environmental requirements to support fish migration and riparian habitat, lessening the amount of water available for aquifer recharge. The Ferro property has nearly 180 acres, and the Rose property has 90 acres of area for additional groundwater recharge. In the future, water diversions from the Santa Clara River may be only available during the wettest periods. In order to receive these flows an increase in diversion capacity may be pursued, and facilities must be capable of handling increased levels of suspended sediments.
Current Status	An ideal conveyance alternative has been identified. This alternative can be scaled to handle flows of 375 cfs and/or 750 cfs. There are facets of the alternative that can be enhanced independent of which flow rate was decided on. These enhancements can improve UCWD's existing conveyance system by reducing bottlenecks that inhibit the conveyance system from conveying 375 cfs throughout. During the Fiscal Year 2020/21, the upgrades will include the Three Barrel Culvert and Inverted Siphon downstream of the Desilting Basin Outlet Gate, and Weir upstream of the Saticoy Basins.
Graphical Information	

PROJECT FUNDING

Project 8018	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100%	1,896,577	-	-	-	-	-	1,896,577
Debt Proceeds	100%	-	12,752	5,240,000	24,700,000	-	-	29,952,752
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**200%**	**1,896,577**	**12,752**	**5,240,000**	**24,700,000**	**-**	**-**	**31,849,329**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	457,515	286,946	170,569	12,752					470,267
Legal Fees	148,045	148,045	-	-	-	10,000	-	-	158,045
Total Admin/Inspection	**605,560**	**434,991**	**170,569**	**12,752**	**-**	**10,000**	**-**	**-**	**628,312**
Project Planning & Design									
Design	630,146	378,819	251,327	-	1,900,000	400,000	-	-	2,930,146
Survey	64,077	63,077	1,000	-	60,000	60,000	-	-	184,077
Geotechnical	10,000	5,795	4,205	-	80,000	30,000	-	-	120,000
Total Planning & Design	**704,223**	**447,691**	**256,532**	**-**	**2,040,000**	**490,000**	**-**	**-**	**3,234,223**
Land Acquisition									
Row / Land Acquisition	88,230	45,497	42,733	-	-	-	-	-	88,230
CEQA / Permits	292,165	102,436	189,729	-	200,000	200,000	-	-	692,165
Total Land Acquisition	**380,395**	**147,933**	**232,462**	**-**	**200,000**	**200,000**	**-**	**-**	**780,395**
Construction									
Equipment	39,494	39,494	-	-	-	-	-	-	39,494
Construction	166,905	36,905	130,000	-	3,000,000	24,000,000	-	-	27,166,905
Total Improvements	**206,399**	**76,399**	**130,000**	**-**	**3,000,000**	**24,000,000**	**-**	**-**	**27,206,399**
Total Project Costs	**1,896,577**	**1,107,014**	**789,563**	**12,752**	**5,240,000**	**24,700,000**	**-**	**-**	**31,849,329**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

	$94,420	Riverpark JPA contribution									
07/08	$69,000	010	No Salaries	11/12	$20,000	010		14/15	$124,000	050	
08/09	$69,000	010		12/13	$50,000	050		15/16	$113,000	050	
10/11	$193,000	010		13/14	$351,955	2009 Bonds from 883					

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Coastal Brackish Water Treatment Plant**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8019**
Department:	**Engineering** **400**	**Strategic Objective:**	**B2**	**Fund Charged**	**051**

Project Description	
Description	The District proposes to construct a costal brackish groundwater treatment plant (CBGWTP) in an area overlaying the areas where seawater intrusion has degraded the local groundwater resource. The initial investigations will determine the customer base and water quality goals. Ultimately the goal is to construct a water treatment plant with a raw water capacity of 5,000 acre-feet per year with the ability to expand to 10,000 or more acre-feet per year.
Need Benefit, and Relation to Existing Facilities	The Oxnard Plain is in a state of overdraft and there are few options or sources of new water. The groundwater in the upper aquifer system continues to degrade. The CBGWTP will include a series of ground water wells within the area of seawater intrusion creating an effective barrier against the advancement of seawater intrusion in the upper aquifer system. High salinity groundwater from the extraction barrier wells will be treated at the CBGWTP and delivered to municipal, industrial and agricultural users in the Oxnard Plain for beneficial use. Brine will be disposed using the existing Calleguas Municipal Water District Salinity Management Pipeline or other brine management processes. Deliveries of high quality treated water will offset groundwater pumping in areas affected by overdraft and seawater intrusion.
Current Status	In 2014, the District retained a consulting firm that investigated the feasibility of constructing a brackish water treatment plant in the south Oxnard plain. The preliminary engineering feasibility report identified the estimated capital cost of $85 million to $148 million for a 10,000 to 20,000 acre-feet per year plant, respectively. In October 2019, the District received news that its application for Proposition 1 Groundwater Grant Funding was accepted to explore the basin impacts and benefits of seawater extraction using United's Groundwater Flow model to evaluate groundwater extraction as a technology for managing seawater intrusion. Also, in 2019, the District investigated moving the extraction wellfield closer to the source of seawater intrusion at the Naval Base Ventura County Point Mugu. Preliminary hydrogeological modeling suggests that 5,000 acre-feet per year of groundwater pumping in the Oxnard and Mugu aquifers using baseline conditions is sufficient to create a hydraulic barrier against seawater intrusion. Expansion of the system would depend on regional demand for the high quality product water. The District plans to explore partnership with the U.S. Navy, Port Hueneme Water Agency, agricultural users and others to determine the viability of the project. The District will proceed with the preliminary engineering and CEQA compliance once the viability of the project is verified.
Graphical Information	 

PROJECT FUNDING

Project 8019	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100%	60,180		1,482,820	4,055,578	4,031,610	144,697,305	154,327,493
Debt Proceeds	0%	-	339,577	-	-	-	-	339,577
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-	-	-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**60,180**	**339,577**	**1,482,820**	**4,055,578**	**4,031,610**	**144,697,305**	**154,667,070**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	23,290	60,180	(36,890)	76,596					99,886
Legal Fees	-	-	-	19,174	19,174	19,174	19,174	19,174	95,870
Total Admin/Inspection	**23,290**	**60,180**	**(36,890)**	**95,770**	**19,174**	**19,174**	**19,174**	**19,174**	**195,756**
Project Planning & Design									
Design	25,000	-	25,000	100,000	1,000,000	2,820,694	2,820,694	2,820,694	9,587,082
Survey	-	-	-	-	23,968	23,968			47,936
Geotechnical	-	-	-	-	95,871	95,871	95,871	191,741	479,354
Total Planning & Design	**25,000**	**-**	**25,000**	**100,000**	**1,119,839**	**2,940,533**	**2,916,565**	**3,012,435**	**10,114,372**
Land Acquisition									
Row / Land Acquisition	-	-	-	47,936	47,936	-	-	-	95,872
CEQA / Permits	11,890	-	11,890	95,871	95,871	95,871	95,871	95,871	491,245
Total Land Acquisition	**11,890**	**-**	**11,890**	**143,807**	**143,807**	**95,871**	**95,871**	**95,871**	**587,117**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	200,000	1,000,000	1,000,000	141,569,825	143,769,825
Total Improvements	**-**	**-**	**-**	**-**	**200,000**	**1,000,000**	**1,000,000**	**141,569,825**	**143,769,825**
Total Project Costs	**60,180**	**60,180**	**-**	**339,577**	**1,482,820**	**4,055,578**	**4,031,610**	**144,697,305**	**154,667,070**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Water Conservation sub fund 050

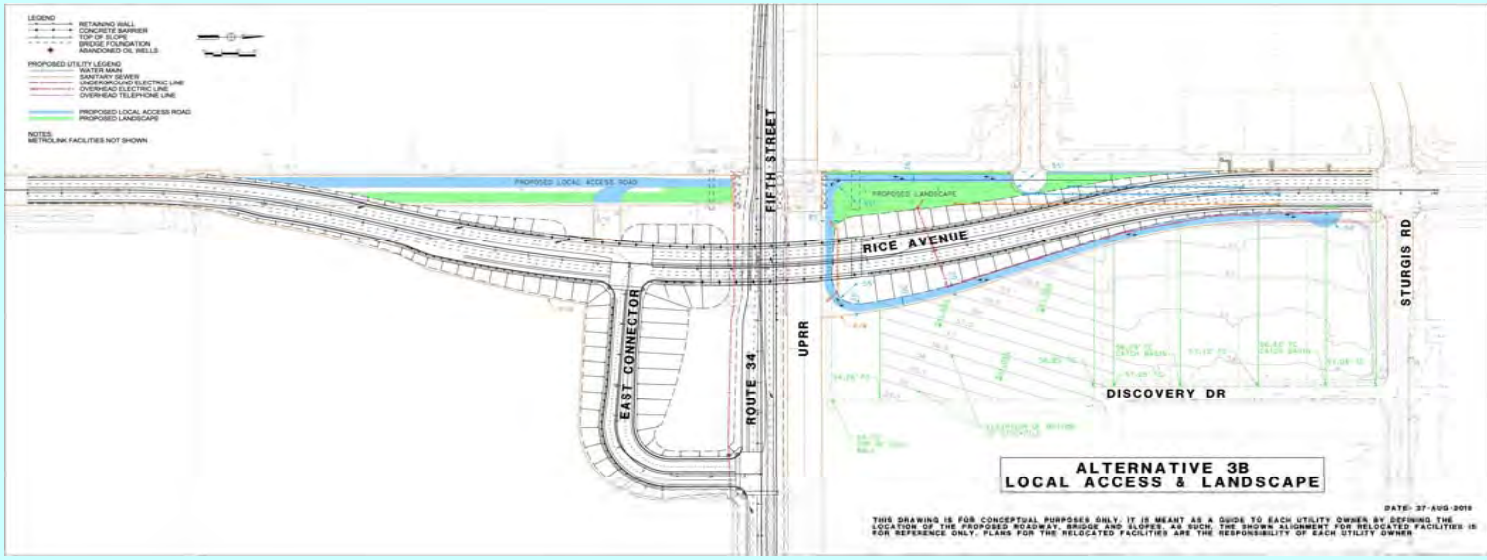
Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Rice Avenue Overpass PTP**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8021**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**471**

Project Description	
Description	The City of Oxnard, Caltrans District 7 and the Ventura County Transportation Commission are proposing a railroad grade separation at Rice Avenue at Fifth Street (SR 34). The City of Oxnard is the lead agency. The Rice Avenue realignment has gone through several design iterations. The recent construction cost estimates developed by the City significantly exceeded the available grant funding in the order of $60M. As of September 2019, the City decided to consider a design alternative that would allow the majority of the existing utilities in Rice Avenue to remain in place in order to reduce cost. This alternative, referred to as Alt 3B, had been approved by the California Transportation Commission (CTC) in the past. The revised
Need Benefit, and Relation to Existing Facilities	The purpose of the grade separation project is to: (1) reduce conflict between vehicles and trains and; (2) address future traffic and circulation issues forecasted for the project area. Several accidents have occurred at the Rice Avenue/SR-34 (Fifth Street) and the Rice Avenue/ Union Pacific Railroad track intersections. Potential increases in train and vehicular traffic could increase the potential for future train and automobile collisions. The grade separation improvements would ensure safe passage for pedestrians, vehicles and trains. The project would adversely impact the PTP operations and will require the relocation of the PTP facilities in Rice Avenue, right-of-way acquisition and extensive modifications to PTP Well No. 4.
Current Status	The Caltrans District 7 provides oversight for the project and will be performing property acquisition services on behalf of the City and the County. The City sent a Relocation Claim Letter to the District in February 2020 requesting the relocation plans be prepared in accordance with the provided construction plans. The City has reportedly secured both federal and state funding for the project. Through numerous meetings with the City, the County and local legislators, as well as correspondence with the City Attorney, United has requested the City to cover the relocation expenses of the 30" pipeline and associated facilities as part the Project. However, the City has informed the District that Caltrans District 7 has indicated that United's pipeline relocations costs are not eligible for grant funding reimbursement unless United provides evidence of superior rights for its existing facilities.
Graphical Information	

PROJECT FUNDING

Project 8021	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0.00%	-	-	-	-	-	-	-
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	100.00%	28,136	9,824	-	-	-	-	37,960
Contributions/Grants	0.00%	45,361	-	-	-	-	-	45,361
Total Funding Sources	**100%**	**73,497**	**9,824**	**-**	**-**	**-**	**-**	**83,321**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Est Exp Thru End of Year	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	22,647	7,806	14,841	9,824	-	-	-	-	32,471
Legal Fees	22,950	20,000	2,950	-	-	-	-	-	22,950
Total Admin/Inspection	**45,597**	**27,806**	**17,791**	**9,824**	**-**	**-**	**-**	**-**	**55,421**
Project Planning & Design									
Design	27,900	4,889	-	-	-	-	-	-	27,900
Survey	-	-	-	-	-	-	-	-	-
Geotechnical	-	-	-	-	-	-	-	-	-
Total Planning & Design	**27,900**	**4,889**	**-**	**-**	**-**	**-**	**-**	**-**	**27,900**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	-	-	-	-	-	-
Total Land Acquisition	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-
Total Improvements	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total Project Costs	**73,497**	**32,695**	**17,791**	**9,824**	**-**	**-**	**-**	**-**	**83,321**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**PTP Turnout Metering System**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8022**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**471**

Project Description	
Description	Replace existing aging infrastructure with equipment that has significantly improved accuracy and allows for real time SCADA integration. The real time data collection will also allow for preferred source scheduling and billing.
Need Benefit, and Relation to Existing Facilities	A flow meter that is capable of direct network/SCADA integration will allow the District to capture flow variations/totals, via the District's SCADA historian, which will provide supporting data for current and future operational scenarios that present operational efficiency improvement opportunities. These efforts are consistent with the similar efforts currently being undertaken by FCGMA and are a requisite to a future water market or time of use scheduling.
Current Status	The District applied for and was awarded a Proposition 1 Agricultural Water Use Efficiency grant in the amount of $635,059 on December 15, 2016. The grant agreement with the Department of Water Resources was executed on October 19, 2017 and expires within three years of the execution date. As a requirement of the grant agreement, the District must provide 50% matching funds. The District successfully installed and commissioned the proposed improvements at a pilot project location on June 9, 2016. As of FY 2018-19, new metering improvements have been installed at eighteen (18) turnout locations. The remainder of the sixty-two (62) meter locations is planned in subsequent phases. The project includes procurement of easements for over half of the PTP turnouts (meters).
Graphical Information	 

PROJECT FUNDING

Project 8022	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0.00%	-	-	-	-	-	-	-
Debt Proceeds	0.00%	317,500	324,966	324,966	-	-	-	967,432
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	300,000		-	-	-	-	300,000
Contributions/Grants	0.00%	400,000	117,530	117,530	-	-	-	635,059
Total Funding Sources	**0%**	**1,017,500**	**442,495**	**442,495**	**-**	**-**	**-**	**1,902,491**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	183,248	183,247	1	146,949	-	-	-	-	330,196
Legal Fees	20,000	4,314	15,686	-	-	-	-	-	20,000
Total Admin/Inspection	**203,248**	**187,561**	**15,687**	**146,949**	**-**	**-**	**-**	**-**	**350,196**
Project Planning & Design									
Design	7,500	-	7,500	-	-	-	-	-	7,500
Survey	-	-	-	-	-	-	-	-	-
Geotechnical	-	-	-	-	-	-	-	-	-
Total Planning & Design	**7,500**	**-**	**7,500**	**-**	**-**	**-**	**-**	**-**	**7,500**
Land Acquisition									
Row / Land Acquisition	150,000	149,404	596		-	-	-	-	150,000
CEQA / Permits	14,996	3,495	11,501	-	-	-	-	-	14,996
Total Land Acquisition	**164,996**	**152,899**	**12,097**	**-**	**-**	**-**	**-**	**-**	**164,996**
Construction									
Equipment	453,441	453,441	(0)	68,146	68,146	-	-	-	589,733
Construction	188,316	14,515	173,801	227,245	227,245	-	-	-	642,806
Total Improvements	**641,757**	**467,956**	**173,801**	**295,391**	**295,391**	**-**	**-**	**-**	**1,232,539**
Total Project Costs	**1,017,501**	**808,416**	**209,085**	**442,339**	**295,391**	**-**	**-**	**-**	**1,755,231**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

FY 17-18
Debt Proceeds 54%
Contributions/ Grants 46%

FY 18-19
Contributions/ Grants 100%

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

Deliverables to customer accounted for with increased accuracy. Current data indicates 4.57% system losses based on data from FY 2014-2015. Estimated annual labor savings of $5,000 savings due to elimination of manual operator meter reads.

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Pothole Trailhead**	**Mission-Related Goal:**	**F. Communications and Community Outreach**	**Project Number**	**8023**
Department:	**Engineering** **400**	**Strategic Objective:**	**F6**	**Fund Charged**	**051**

Project Description	
Description	Federal Energy Regulatory Commission (FERC) Article 411 of the District's FERC license for the Santa Felicia Dam (Project No. P-2153) requires the District to prepare and implement a
Need Benefit, and Relation to Existing Facilities	The facilities are mandated under the FERC license P-2153 for the operation of the Santa Felicia dam and satisfy the license conditions. The addition of these facilities will also enhance the visitors experience by opening up access to miles of Forest Service lands, a direct benefit to all recreation users.
Current Status	Staff and District's consultant have been working with the Ventura County Planning staff to obtain the required permits. To date, the Fire Construction, Zoning Clearance, Building and Grading permits have been obtained with a Ministerial Tree Permit still pending. Staff also worked with the Forest Service to resolve issues related to the Piru Canyon Road easements and the party responsible for road maintenance and repairs. As a result, the District submitted a request for time extension to FERC. Upon FERC's approval of this request, FERC has directed the District to divide construction of the project in two phases. The District will provide and implement temporary features at the project site by March 31, 2020 and complete the final construction by December 31, 2020. In collaboration with the Forest Service, the District submitted a grant application for the Proposition 68 in October 2019. If granted, the project scope will also include realignment of the Pothole Trail. The approval of the grant application is pending and expected to be announced in the Fiscal Year 2020. Construction activities will be coordinated to prevent overlap with the bird nesting and breeding season.
Graphical Information	 

PROJECT FUNDING

Project 8023	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100.00%	312,011	190,829	-	-	-	-	502,840
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**312,011**	**190,829**	**-**	**-**	**-**	**-**	**502,840**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Est Exp Thru End of Year	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	22,011	37,931	(15,920)	25,829	-	-	-	-	47,840
Legal Fees	-	966	(966)	10,000	-	-	-	-	10,000
Total Admin/Inspection	**22,011**	**38,897**	**(16,886)**	**35,829**	**-**	**-**	**-**	**-**	**57,840**
Project Planning & Design									
Design	84,320	55,241	29,079	-	-	-	-	-	84,320
Survey	5,000	7,101	(2,101)	5,000	-	-	-	-	10,000
Geotechnical	5,000	-	5,000	-	-	-	-	-	5,000
Total Planning & Design	**94,320**	**62,342**	**31,978**	**5,000**	**-**	**-**	**-**	**-**	**99,320**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	40,000	30,753	9,247	-	-	-	-	-	40,000
Total Land Acquisition	**40,000**	**30,753**	**9,247**	**-**	**-**	**-**	**-**	**-**	**40,000**
Construction									
Equipment	35,000		35,000		-	-	-	-	35,000
Construction	120,680	54,062	66,618	150,000	-	-	-	-	270,680
Total Improvements	**155,680**	**54,062**	**101,618**	**150,000**	**-**	**-**	**-**	**-**	**305,680**
Total Project Costs	**312,011**	**186,054**	**125,957**	**190,829**	**-**	**-**	**-**	**-**	**502,840**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Water Conservation sub fund - 050

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

$2,500 annual maintenance cost

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**State Water Interconnection Project**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8025**
Department:	**Engineering** **400**	**Strategic Objective:**	**B2**	**Fund Charged**	**051**

Project Description	
Description	This is an opportunity to bring Ventura County State Water allocations to West County. This project is a joint project with the City of Ventura, Calleguas Municipal Water District, and Casitas Municipal Water District. City of Ventura is taking the lead on the project. All payments will be made to the City of Ventura as lump sum costs and Ventura will execute the individual contracts.
Need Benefit, and Relation to Existing Facilities	This project provides western Ventura County with a previously underused source of water. The opportunity to wheel State Project water through the Calleguas MWD system can deliver up to 20,000 acre-feet annually. United water could potentially use the additional source to more efficiently manage the groundwater basins within the United's Boundaries. The potential opportunities include: Emergency deliveries to Oxnard-Hueneme Pipeline (OHP) or the Groundwater Recharge Basins; Blending with APWF recycled water at the Rose and Noble Groundwater Recharge Basins; Import surplus Article 21 SWP water; Purchase Table A turn back water; Deliver to the Pumping Trough Pipeline (PTP) in-lieu of groundwater pumping from the Lower Aquifer System (LAS). The interconnection would provide an emergency source of water for Calleguas customers for long term outages.
Current Status	The City of Ventura, as lead agency, has executed an agreement with Kennedy/Jenks Consultants to prepare an alignment study and determine most efficient means of delivering the State Project water to the three agencies. Calleguas MWD, Casitas MWD, City of Ventura and United are sharing the cost of the study. The draft alignment study and the draft operations and delivery (OD) report were completed in January 2018. The OD was finalized in January 2019. The Notice of Preparation (NOP) for the Draft Environmental Report (DEIR) was issued in March 2018. The Draft EIR was released for public Review in February 2019 and the final EIR was adopted by the City Council in August 2019. Cost sharing for the project has not yet been determined. The project will include two turnouts for United, who will be responsible for constructing the infrastructure connecting the turnouts to District facilities. The City has selected a consulting team to begin the design in early 2020.
Graphical Information	

PROJECT FUNDING

Project 8025	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100.00%	303,121	5,616	250,000	-	-	-	558,737
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**303,121**	**5,616**	**250,000**	**-**	**-**	**-**	**558,737**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Expenditures to Date	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	53,121	16,524	36,597	5,616		-	-	-	58,737
Legal Fees	48,139	-	48,139	-	-	-		-	48,139
Total Admin/Inspection	**101,260**	**16,524**	**84,736**	**5,616**	**-**	**-**	**-**	**-**	**106,876**
Project Planning & Design									
Design	201,861	137,547	64,314	-	-	-	-	-	201,861
Survey	-	-	-	-	-	-	-	-	-
Geotechnical				-	-	-	-	-	-
Total Planning & Design	**201,861**	**137,547**	**64,314**	**-**	**-**	**-**	**-**	**-**	**201,861**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	-	-	-	-	-	-
Total Land Acquisition	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	250,000	-	-	-	250,000
Total Improvements	**-**	**-**	**-**	**-**	**250,000**	**-**	**-**	**-**	**250,000**
Total Project Costs	**303,121**	**154,071**	**149,050**	**5,616**	**250,000**	**-**	**-**	**-**	**558,737**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Replace El Rio Trailer**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8028**
Department:	**O&M** **300**	**Strategic Objective:**	**B1**	**Fund Charged**	**052**

Project Description	
Description	Remove aged trailer in poor condition to provide a meeting/training area and office space for O&M staff.
Need Benefit, and Relation to Existing Facilities	Operators at the El Rio facility are utilizing an outdated control room in the booster plant as office space. Staff is requesting to remove the 1970's trailer that is exhibiting signs of mold and deterioration with a modular or stick built building suitable for staff meetings and training which will also provide space for office use.
Current Status	Project start date is projected in 2021.
Graphical Information	The trailer requested for removal is located at the El Rio Booster plant at 3561 N. Rose Avenue.

PROJECT FUNDING

Project 8028	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	16.00%	5,600	12,000	44,800	-	-	-	62,400
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	3.00%	1,050	2,250	8,400	-	-	-	11,700
OH Pipeline	65.00%	22,750	48,750	182,000	-	-	-	253,500
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	1.00%	350	750	2,800	-	-	-	3,900
PT Pipeline	15.00%	5,250	11,250	42,000	-	-	-	58,500
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**35,000**	**75,000**	**280,000**	**-**	**-**	**-**	**390,000**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Expenditures to Date	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	-	-	-	-	-	-
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Project Planning & Design									
Design	30,000	30,000	-	-	-	-	-	-	30,000
Survey	-	-	-	-	-	-	-	-	-
Geotechnical	-	-	-	75,000	-	-	-	-	75,000
Total Planning & Design	**30,000**	**30,000**	**-**	**75,000**	**-**	**-**	**-**	**-**	**105,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	5,000	5,000	-	-	5,000	-	-	-	10,000
Total Land Acquisition	**5,000**	**5,000**	**-**	**-**	**5,000**	**-**	**-**	**-**	**10,000**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	275,000	-	-	-	275,000
Total Improvements	**-**	**-**	**-**	**-**	**275,000**	**-**	**-**	**-**	**275,000**
Total Project Costs	**35,000**	**35,000**	**-**	**75,000**	**280,000**	**-**	**-**	**-**	**390,000**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Alternative Supply Assurance Pipeline**	**Mission-Related Goal:**	**A. Water Supply**	**Project Number**	**8030**
Department:	**Engineering** **400**	**Strategic Objective:**	**A2**	**Fund Charged**	**051**

Project Description	
Description	Construct a transmission pipeline that ties in to the Santa Felicia Dam, runs along the Santa Clara River and terminates in the diversion canal at the Freeman diversion headworks.
Need Benefit, and Relation to Existing Facilities	The proposed pipeline will convey a portion of the natural runoff and imported State Water Project (SWP) water stored in Lake Piru to the Pumping Trough Pipeline (PTP) and the Pleasant Valley Pipeline surface water delivery systems. Historically, conservation releases from Lake Piru via the natural river channel have been used to supply water to the Oxnard Plain and Pleasant Valley. Conservation releases are subject to significant infiltration losses to the upper groundwater basins and reliance on natural conveyance system provides relatively short opportunities for surface water deliveries. With supplemental acquisition of SWP water and using the proposed pipeline conveyance system would enable the District to meet most of the demand for surface water deliveries except during the driest years.
Current Status	The project is in the preliminary planning and feasibility phase. The District conducted a surface water and groundwater modeling analysis to evaluate the feasibility of the project. The District has held preliminary discussions and presented the project to Farmers Irrigation and other stakeholders. Staff prepared an Open File Report, including the result of the surface water and groundwater modeling analysis and posted on the District' website in September 2019. The next step will be conducting an environmental constraints analysis to identify the permitting requirements, evaluate the pipeline route, update the engineering cost estimates and schedule, initiate land acquisition and investigating required easements and right of way.
Graphical Information	

PROJECT FUNDING

Project 8030	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100.00%	361,578	-	-	-	-	-	361,578
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**361,578**	**-**	**-**	**-**	**-**	**-**	**361,578**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Expenditures to Date	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	-	-	-		-	-	-	-	-
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Project Planning & Design									
Design	361,578	31,629	329,949	-	-	-	-	-	361,578
Survey	-	-	-	-	-	-	-	-	-
Geotechnical	-	-	-	-	-	-	-	-	-
Total Planning & Design	**361,578**	**31,629**	**329,949**	**-**	**-**	**-**	**-**	**-**	**361,578**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	-	-	-	-	-	-
Total Land Acquisition	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-		-	-	-
Total Improvements	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total Project Costs	**361,578**	**31,629**	**329,949**	**-**	**-**	**-**	**-**	**-**	**361,578**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Grand Canal**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8032**
Department:	**Engineering** **400**	**Strategic Objective:**	**B2**	**Fund Charged**	**051**

Project Description	
Description	Expansion of the Grand Canal to remove a bottleneck and increase diversion capacity cubic feet/second.
Need Benefit, and Relation to Existing Facilities	This project is the first phase of the removal of bottlenecks from the spreading ground area. Completion of this project will improve the efficiency of the recharge operation at the District's Saticoy facility.
Current Status	The District retained Northwest Hydraulic Consultants (NHC) to expand the Grand Canal Conveyance, including the design of the Grand Canal gates and actuators. The design is expected to be complete in early 2020 and construction is scheduled to begin in mid 2020.
Graphical Information	

PROJECT FUNDING

Project 8032	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100.00%	789,563	20,149	-	-	-	-	809,712
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**789,563**	**20,149**	**-**	**-**	**-**	**-**	**809,712**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS		FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
		Expenditures to Date	Est Balance to Carryover						
Project Administration/Inspection									
In-House Salaries	170,569	-	170,569	20,149	-	-	-	-	190,718
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**170,569**	**-**	**170,569**	**20,149**	**-**	**-**	**-**	**-**	**190,718**
Project Planning & Design									
Design	251,327	-	251,327	-	-	-	-	-	251,327
Survey	1,000	-	1,000		-	-	-	-	1,000
Geotechnical	4,205	-	4,205	-	-	-	-	-	4,205
Total Planning & Design	**256,532**	**-**	**256,532**	**-**	**-**	**-**	**-**	**-**	**256,532**
Land Acquisition									
Row / Land Acquisition	42,733	-	42,733	-	-	-	-	-	42,733
CEQA / Permits	189,729	-	189,729	-	-	-	-	-	189,729
Total Land Acquisition	**232,462**	**-**	**232,462**	**-**	**-**	**-**	**-**	**-**	**232,462**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	130,000		130,000					-	130,000
Total Improvements	**130,000**	**-**	**130,000**	**-**	**-**	**-**	**-**	**-**	**130,000**
Total Project Costs	**789,563**	**-**	**789,563**	**20,149**	**-**	**-**	**-**	**-**	**809,712**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Floc Building Emergency Generator**		**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8033**
Department:	**Engineering**	**400**	**Strategic Objective:**	**B1**	**Fund Charged**	**421**

Project Description	
Description	Purchase and installation of an emergency generator for the Floc building at the Freeman Diversion.
Need Benefit, and Relation to Existing Facilities	Southern California Edison has implemented a Public Safety Power Shutdown (PSPS) program that could interrupt power service for several hours to several days. This proposal would support continuous service during planned and unplanned power outage incidents. Engineering staff submitted a Notice of Interest (NOI) to Cal Office of Emergency Services' Hazard Mitigation Grant Program (HMGP) in July 2019. Upon receipt of the CalOES HMGP invitation, staff submitted a grant application for a district wide emergency backup generators for the Floc Building, the Lake Piru Water Treatment Plant and the Santa Paula Communication Tower in 2019. If awarded, the funding pays up to 75% of the project costs.
Current Status	
Graphical Information	

PROJECT FUNDING

Project 8033	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0.00%	-	-	-	-	-	-	-
Debt Proceeds	100.00%	-	78,416	-	-	-	-	78,416
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**-**	**78,416**	**-**	**-**	**-**	**-**	**78,416**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Expenditures to Date	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	3,416	-	-	-	-	3,416
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**-**	**-**	**-**	**3,416**	**-**	**-**	**-**	**-**	**3,416**
Project Planning & Design									
Design	-	-	-	6,000	-	-	-	-	6,000
Survey	-	-	-	3,000	-	-	-	-	3,000
Geotechnical	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Total Planning & Design	**-**	**-**	**-**	**9,000**	**-**	**-**	**-**	**-**	**9,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	4,000	-	-	-	-	4,000
Total Land Acquisition	**-**	**-**	**-**	**4,000**	**-**	**-**	**-**	**-**	**4,000**
Construction									
Equipment	-	-	-	57,000	-	-	-	-	57,000
Construction	-		-	5,000			-	-	5,000
Total Improvements	**-**	**-**	**-**	**62,000**	**-**	**-**	**-**	**-**	**62,000**
Total Project Costs	**-**	**-**	**-**	**78,416**	**-**	**-**	**-**	**-**	**78,416**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Lake Piru Campground Electrical Update**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8034**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**051**

Project Description	
Description	The existing electrical infrastructure is in need of a comprehensive review, design update and remediation of identified shortcomings of the system, prior to installation of new concrete RV pads and potential road work. This is a 3-year project. Year 1 includes survey/access, design and procurement of permits. Year 2 includes 50% of the construction, which will take place during low-occupancy times of year. Year 3 includes the remaining 50% of the construction.
Need Benefit, and Relation to Existing Facilities	The existing electrical infrastructure is in need of repair prior to installation of new concrete RV pads and potential road work. This project will enhance safety and usability of campground facilities.
Current Status	Staff is planning to redesign the entire electrical system at the Lake Piru Recreation Area. The project will be coordinated with the efforts related to the District Pavement Program.
Graphical Information	

PROJECT FUNDING

Project 8034	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100.00%	65,800	7,624	300,000	300,000	-	-	673,424
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**65,800**	**7,624**	**300,000**	**300,000**	**-**	**-**	**673,424**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Expenditures to Date	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	2,624		-	-	-	2,624
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**-**	**-**	**-**	**2,624**	**-**	**-**	**-**	**-**	**2,624**
Project Planning & Design									
Design	45,000	-	45,000	5,000	-	-	-	-	50,000
Survey	9,800	-	9,800	-	-	-	-	-	9,800
Geotechnical	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Total Planning & Design	**54,800**	**-**	**54,800**	**5,000**	**-**	**-**	**-**	**-**	**59,800**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	11,000	-	11,000	-	-	-	-	-	11,000
Total Land Acquisition	**11,000**	**-**	**11,000**	**-**	**-**	**-**	**-**	**-**	**11,000**
Construction									
Equipment	-	-	-		150,000	150,000	-	-	300,000
Construction	-		-		150,000	150,000	-	-	300,000
Total Improvements	**-**	**-**	**-**	**-**	**300,000**	**300,000**	**-**	**-**	**600,000**
Total Project Costs	**65,800**	**-**	**65,800**	**7,624**	**300,000**	**300,000**	**-**	**-**	**673,424**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**OH System Emergency Generator**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8036**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**451**

Project Description	
Description	Purchase and installation of an emergency generator for the Oxnard-Hueneme Pipeline system.
Need Benefit, and Relation to Existing Facilities	Southern California Edison has implemented a Public Safety Power Shutdown (PSPS) program that could interrupt power service for several hours to several days. This proposal would support continuous service during planned and unplanned power outage incidents. Engineering staff submitted a Notice of Interest (NOI) to Cal Office of Emergency Services' Hazard Mitigation Grant Program (HMGP) in July 2019. Upon receipt of the CalOES HMGP invitation, staff submitted a grant application for the OH system emergency backup generator in 2019. The cost benefit analysis as part of the grant requirements was approved by CalOES and the application is currently under consideration. If awarded, the funding pays up to 75% of the project costs.
Current Status	The generator is expected to be installed and operational by June 2020.
Graphical Information	

PROJECT FUNDING

Project 8036	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0.00%	-	-	-	-	-	-	-
Debt Proceeds	100.00%	-	908,775	-	-	-	-	908,775
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**-**	**908,775**	**-**	**-**	**-**	**-**	**908,775**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Expenditures to Date	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	9,975	-	-	-	-	9,975
Legal Fees	-	-	-	2,800	-	-	-	-	2,800
Total Admin/Inspection	**-**	**-**	**-**	**12,775**	**-**	**-**	**-**	**-**	**12,775**
Project Planning & Design									
Design	-	-	-	45,000	-	-	-	-	45,000
Survey	-	-	-	-	-	-	-	-	-
Geotechnical	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Total Planning & Design	**-**	**-**	**-**	**45,000**	**-**	**-**	**-**	**-**	**45,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	11,000	-	-	-	-	11,000
Total Land Acquisition	**-**	**-**	**-**	**11,000**	**-**	**-**	**-**	**-**	**11,000**
Construction									
Equipment	-	-	-	420,000	-	-	-	-	420,000
Construction	-		-	420,000	-		-	-	420,000
Total Improvements	**-**	**-**	**-**	**840,000**	**-**	**-**	**-**	**-**	**840,000**
Total Project Costs	**-**	**-**	**-**	**908,775**	**-**	**-**	**-**	**-**	**908,775**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Piru WTP Emergency Generator**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8037**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**051**

Project Description	
Description	Purchase and installation of an emergency generator for the Piru Water Treatment Plant.
Need Benefit, and Relation to Existing Facilities	Southern California Edison has implemented a Public Safety Power Shutdown (PSPS) program that could interrupt power service for several hours to several days. This proposal would support continuous service during planned and unplanned power outage incidents. Engineering staff submitted a Notice of Interest (NOI) to Cal Office of Emergency Services' Hazard Mitigation Grant Program (HMGP) in July 2019. Upon receipt of the CalOES HMGP invitation, staff submitted a grant application for a district wide emergency backup generators for the Floc Building, the Lake Piru Water Treatment Plant and the Santa Paula Communication Tower in 2019. If awarded, the funding pays up to 75% of the project costs.
Current Status	The generator is expected to be installed and operational by June 2020.
Graphical Information	

PROJECT FUNDING

Project 8037	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0.00%	-	-	-	-	-	-	-
Debt Proceeds	100.00%	-	101,528	-	-	-	-	101,528
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**-**	**101,528**	**-**	**-**	**-**	**-**	**101,528**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Expenditures to Date	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	4,728	-	-	-	-	4,728
Legal Fees	-	-	-	2,800	-	-	-	-	2,800
Total Admin/Inspection	**-**	**-**	**-**	**7,528**	**-**	**-**	**-**	**-**	**7,528**
Project Planning & Design									
Design	-	-	-	6,000	-	-	-	-	6,000
Survey	-	-	-	3,000	-	-	-	-	3,000
Geotechnical	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Total Planning & Design	**-**	**-**	**-**	**9,000**	**-**	**-**	**-**	**-**	**9,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	4,000	-	-	-	-	4,000
Total Land Acquisition	**-**	**-**	**-**	**4,000**	**-**	**-**	**-**	**-**	**4,000**
Construction									
Equipment	-	-	-	60,000	-	-	-	-	60,000
Construction	-		-	21,000	-		-	-	21,000
Total Improvements	**-**	**-**	**-**	**81,000**	**-**	**-**	**-**	**-**	**81,000**
Total Project Costs	**-**	**-**	**-**	**101,528**	**-**	**-**	**-**	**-**	**101,528**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Santa Paula Tower Emergency Generator**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8039**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**051**

Project Description	
Description	Purchase and installation of an emergency generator for the Santa Paula microwave tower.
Need Benefit, and Relation to Existing Facilities	Southern California Edison has implemented a Public Safety Power Shutdown (PSPS) program that could interrupt power service for several hours to several days. This proposal would support continuous service during planned and unplanned power outage incidents. Engineering staff submitted a Notice of Interest (NOI) to Cal Office of Emergency Services' Hazard Mitigation Grant Program (HMGP) in July 2019. Upon receipt of the CalOES HMGP invitation, staff submitted a grant application for a district wide emergency backup generators for the Floc Building, the Lake Piru Water Treatment Plant and the Santa Paula Communication Tower in 2019. If awarded, the funding pays up to 75% of the project costs.
Current Status	The generator is expected to be installed and operational by June 2020.
Graphical Information	

PROJECT FUNDING

Project 8039	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100.00%	60,800	4,728	-	-	-	-	65,528
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	0.00%	-	-	-	-	-	-	-
OH Pipeline	0.00%	-	-	-	-	-	-	-
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	0.00%	-	-	-	-	-	-	-
PT Pipeline	0.00%	-	-	-	-	-	-	-
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**60,800**	**4,728**	**-**	**-**	**-**	**-**	**65,528**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Expenditures to Date	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	4,728	-	-	-	-	4,728
Legal Fees	2,800	-	2,800	-	-	-	-	-	2,800
Total Admin/Inspection	**2,800**	**-**	**2,800**	**4,728**	**-**	**-**	**-**	**-**	**7,528**
Project Planning & Design									
Design	6,000	-	6,000	-	-	-	-	-	6,000
Survey	3,000	-	3,000	-	-	-	-	-	3,000
Geotechnical	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Total Planning & Design	**9,000**	**-**	**9,000**	**-**	**-**	**-**	**-**	**-**	**9,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	4,000	-	4,000	-	-	-	-	-	4,000
Total Land Acquisition	**4,000**	**-**	**4,000**	**-**	**-**	**-**	**-**	**-**	**4,000**
Construction									
Equipment	40,000	-	40,000	-	-	-	-	-	40,000
Construction	5,000		5,000	-	-		-	-	5,000
Total Improvements	**45,000**	**-**	**45,000**	**-**	**-**	**-**	**-**	**-**	**45,000**
Total Project Costs	**60,800**	**-**	**60,800**	**4,728**	**-**	**-**	**-**	**-**	**65,528**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Asset Management/CMMS System**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8041**
Department:	**Engineering** **400**	**Strategic Objective:**	**B1**	**Fund Charged**	**052**

Project Description	
Description	Development of an Asset management/Computerized Maintenance Management System (CMMS) for the District. The District does not currently have such a system.
Need Benefit, and Relation to Existing Facilities	An asset management system helps develop an inventory of critical assets, evaluate the assets condition and performance and develop plans to efficiently maintain, repairs and replace the assets and to fund these activities. The goal is to develop a high-performing asset management program including detailed asset inventories, operation and maintenance tasks, and long-range financial planning.
Current Status	This is a two-phased project. Phase 1 will include a needs assessment, basic database structure development and system selection/determination led by a consultant. Additionally, in Phase 1, the consultant will develop an inventory of District's critical assets. Phase 2 will be implementation of the District selected option which will include hardware/software procurement, workflow design and database development and staff training. The selected hardware/software will be tested on a selected series of critical assets to identify the assets condition and plan frequent maintenance schedules.
Graphical Information	

PROJECT FUNDING

Project 8041	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	60.37%	18,111	49,975	90,555	-	-	-	158,641
Debt Proceeds	0.00%	-	-	-	-	-	-	-
Freeman	15.75%	4,725	13,038	23,625	-	-	-	41,388
OH Pipeline	13.48%	4,044	11,159	20,220	-	-	-	35,423
OH Well Replacement	0.00%	-	-	-	-	-	-	-
PV Pipeline	1.04%	312	861	1,560	-	-	-	2,733
PT Pipeline	9.36%	2,808	7,748	14,040	-	-	-	24,596
Contributions/Grants	0.00%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**30,000**	**82,781**	**150,000**	**-**	**-**	**-**	**262,781**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Expenditures to Date	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	32,781	-	-	-	-	32,781
Legal Fees	-	-	-	-	-	-	-	-	-
Total Admin/Inspection	**-**	**-**	**-**	**32,781**	**-**	**-**	**-**	**-**	**32,781**
Project Planning & Design									
Design	18,000	-	18,000	50,000	-	-	-	-	68,000
Survey	12,000	-	12,000	-	-	-	-	-	12,000
Geotechnical	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Total Planning & Design	**30,000**	**-**	**30,000**	**50,000**	**-**	**-**	**-**	**-**	**80,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	-	-	-	-	-	-
Total Land Acquisition	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Construction									
Equipment	-	-	-		75,000	-	-	-	75,000
Construction	-		-		75,000		-	-	75,000
Total Improvements	**-**	**-**	**-**	**-**	**150,000**	**-**	**-**	**-**	**150,000**
Total Project Costs	**30,000**	**-**	**30,000**	**82,781**	**150,000**	**-**	**-**	**-**	**262,781**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

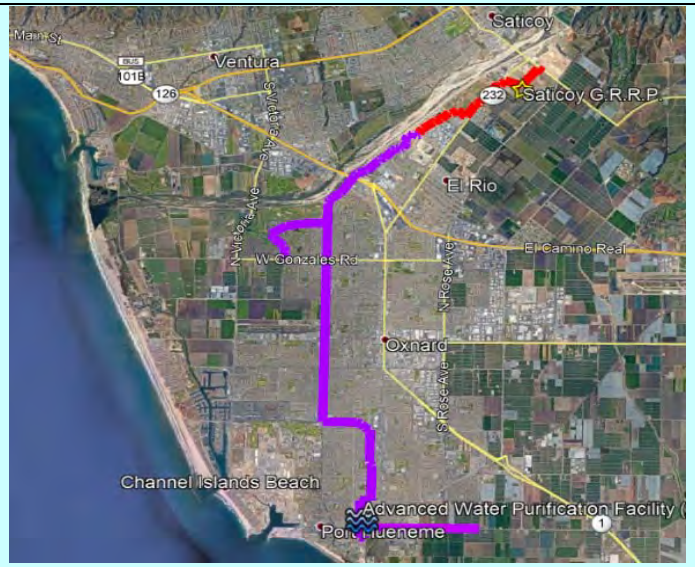
Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Recycled Water Groundwater Replenishment and Reuse Program**	**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8042**
Department:	**Engineering** **400**	**Strategic Objective:**	**B2**	**Fund Charged**	**421**

Project Description	
Description	The City of Oxnard currently produces 6.25 million gallons per day (7,000 acre-feet per year) of recycled water (RW) from its Advanced Water Purification Facility (AWPF). The proposed CIP involves the planning, permitting, design and construction of a recycled water pipeline to connect to the City of Oxnard's existing Recycled Water Backbone System (RWBS) along Ventura Road.
Need Benefit, and Relation to Existing Facilities	Recycled water that is delivered to the Saticoy groundwater recharge basins (Saticoy, Rose, Noble and Ferro) will increase groundwater recharge, reduce underutilized groundwater storage and improve water quality in the Oxnard Forebay.
Current Status	On January 13, 2014, the City of Oxnard and the District along with other parties entered into the "Full Advanced Treatment Recycled Water Management and Use Agreement" which provides provisions for the distribution and use of recycled water from the City's AWPF. The District is named as third and fourth priorities which allocates up to 4,500 acre-feet per year that can be delivered to the District's Pumping Trough Pipeline (PTP) system or Saticoy groundwater recharge basins. On October 12, 2016, the District selected the engineering firm KEH & Associates to prepare an "Alternatives Analysis and Feasibility Study" which recommended connecting to the City's RWBS. In August 2016, the District completed an initial hydrogeologic assessment for the proposed groundwater replenishment reuse project at the Saticoy groundwater recharge basins. Design of the proposed Riverpark-Saticoy pipeline is currently underway and field surveying, easement acquisition, encroachment permits, and completion of the draft geotechnical study and CEQA initial study are planned for FY 2020-21.
Graphical Information	 

PROJECT FUNDING

Project 8007	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0%	-	-	-	-	-	-	-
Debt Proceeds	0%		-		-	-	-	-
Freeman	100%	-	519,381	476,200	2,523,000	5,195,000	-	8,713,581
OH Pipeline	0%	-		-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**-**	**519,381**	**476,200**	**2,523,000**	**5,195,000**	**-**	**8,713,581**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	93,381	83,200	104,000	104,000	-	384,581
Legal Fees		-	-	5,000	5,000	5,000	5,000	-	20,000
Total Admin/Inspection	**-**	**-**	**-**	**98,381**	**88,200**	**109,000**	**109,000**	**-**	**404,581**
Project Planning & Design									
Design	-	-	-	109,000	318,000	-	-	-	427,000
Survey	-	-	-	70,000	-	-	-	-	70,000
Geotechnical	-	-	-	10,000	-	10,000	10,000	-	30,000
Total Planning & Design	**-**	**-**	**-**	**189,000**	**318,000**	**10,000**	**10,000**	**-**	**527,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	162,000	-	-	-	-	162,000
CEQA / Permits	-	-	-	70,000	-	10,000	10,000	-	90,000
Total Land Acquisition	**-**	**-**	**-**	**232,000**	**-**	**10,000**	**10,000**	**-**	**252,000**
Construction									
Equipment	-	-	-	-	20,000	-	-	-	20,000
Construction	-	-	-	-	50,000	2,394,000	5,066,000	-	7,510,000
Total Improvements	**-**	**-**	**-**	**-**	**70,000**	**2,394,000**	**5,066,000**	**-**	**7,530,000**
Total Project Costs	**-**	**-**	**-**	**519,381**	**476,200**	**2,523,000**	**5,195,000**	**-**	**8,713,581**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

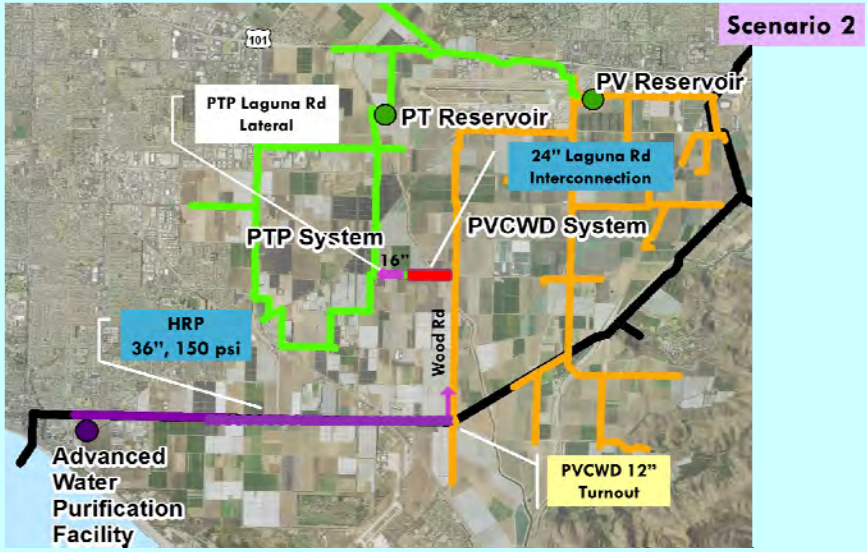
Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	PTP-PVCWD Laguna Road Recycled Water Pipeline Interconnection		**Mission-Related Goal:** B. System Reliability	**Project Number**	8043
Department:	Engineering	400	**Strategic Objective:** B2	**Fund Charged**	471

Project Description	
Description	The City of Oxnard currently produces 6.25 million gallons per day (7,000 acre-feet per year) of recycled water (RW) from its Advanced Water Purification Facility (AWPF). The proposed CIP involves the planning, permitting, design and construction of a recycled water interconnection pipeline to connect the Pumping Trough Pipeline (PTP) System to the Pleasant Valley County Water District (PVCWD) along Laguna Road. The project requires the construction of the City of Oxnard's proposed Hueneme Road Recycled Water Pipeline (HRP, Phase 2). The project also requires completion of conversion of the PTP system to recycled water use and distribution.
Need Benefit, and Relation to Existing Facilities	Advanced treated recycled water that is delivered to the PTP system for direct non-potable irrigation use will reduce groundwater pumping and improve water quality in the Oxnard Plain.
Current Status	On January 13, 2014, the City of Oxnard and the District along with other parties entered into the "Full Advanced Treatment Recycled Water Management and Use Agreement" which provides provisions for the distribution and use of recycled water from the City's AWPF. The District is named as third and fourth priorities which allocates up to 4,500 acre-feet per year that can be delivered to the District's Pumping Trough Pipeline (PTP) system or Saticoy groundwater recharge basins. The City of Oxnard is currently delivering recycled water to PVCWD on a temporary basis using connections to Calleguas Municipal Water District's Salinity Management Pipeline (SMP) at Perkins Road, Wood Road and Las Posas Road. Currently, the advanced treated recycled water is mixed with brine before it reaches agricultural customers. The HRP Phase 2 will deliver pure advanced treated recycled water in the future.
Graphical Information	

PROJECT FUNDING

Project 8007	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0%	-	-	-	-	-	-	-
Debt Proceeds	0%		-		-	-	-	-
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-		-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	100%	-	-	220,200	804,200	1,383,200	-	2,407,600
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**-**	**-**	**220,200**	**804,200**	**1,383,200**	**-**	**2,407,600**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	-	83,200	83,200	83,200	-	249,600
Legal Fees		-	-	-	5,000	5,000	5,000	-	15,000
Total Admin/Inspection	**-**	**-**	**-**	**-**	**88,200**	**88,200**	**88,200**	**-**	**264,600**
Project Planning & Design									
Design	-	-	-	-	104,000	52,000	-	-	156,000
Survey	-	-	-	-	15,000	-	-	-	15,000
Geotechnical	-	-	-	-	13,000	-	-	-	13,000
Total Planning & Design	**-**	**-**	**-**	**-**	**132,000**	**52,000**	**-**	**-**	**184,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	-	-	16,000	-	-	16,000
Total Land Acquisition	**-**	**-**	**-**	**-**	**-**	**16,000**	**-**	**-**	**16,000**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	648,000	1,295,000	-	1,943,000
Total Improvements	**-**	**-**	**-**	**-**	**-**	**648,000**	**1,295,000**	**-**	**1,943,000**
Total Project Costs	**-**	**-**	**-**	**-**	**220,200**	**804,200**	**1,383,200**	**-**	**2,407,600**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

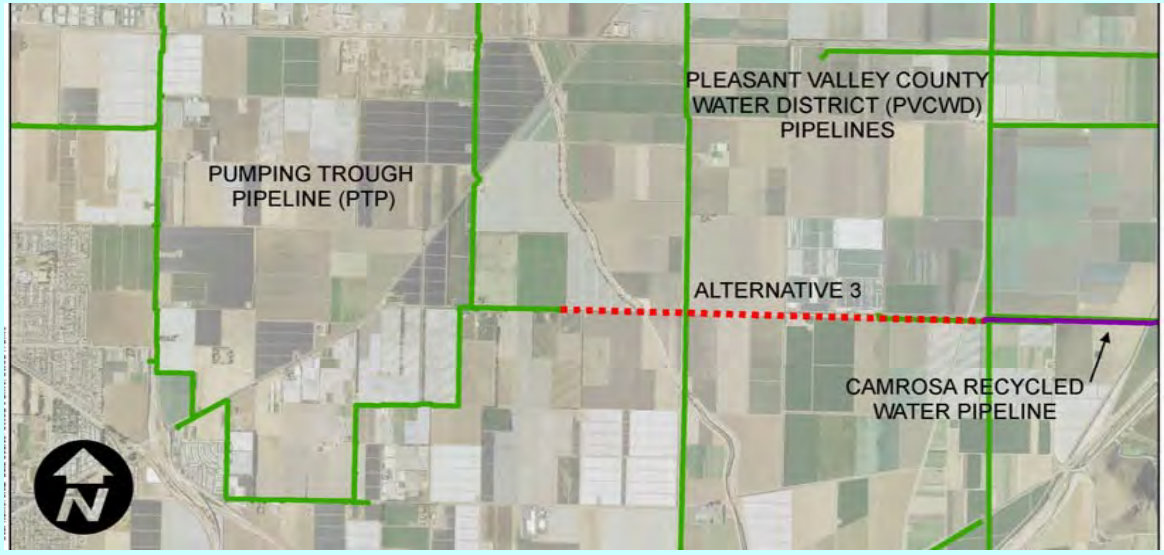
Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**PTP-Camrosa Laguna Road Recycled Water Pipeline Interconnection**		**Mission-Related Goal:**	**B. System Reliability**	**Project Number**	**8044**
Department:	**Engineering**	**400**	**Strategic Objective:**	**B2**	**Fund Charged**	**471**

Project Description	
Description	The Camrosa Water District owns and operates the Conejo Creek Diversion with a permitted capacity of up to 15,683 acre-feet per year. Diverted water is stored in a series of Camrosa-owned storage ponds and subsequently pumped to the Pleasant Valley County Water District for agricultural irrigation and other non-potable uses. The proposed CIP involves the planning, permitting, design and construction of a recycled water interconnection pipeline to connect the Pumping Trough Pipeline (PTP) System to Camrosa's delivery pipeline along Laguna Road. The project requires completion of conversion of the PTP system to recycled water use and distribution.
Need Benefit, and Relation to Existing Facilities	Surface water that is delivered to the PTP system for direct non-potable irrigation use will reduce groundwater pumping in the Oxnard Plain. A significant portion of Camrosa's diversions at the Conejo Creek Diversion are comprised of disinfected tertiary treated wastewater from the City of Thousand Oaks' Hill Canyon Wastewater Treatment Plant.
Current Status	In 2017, United started to explore several interconnection projects with the Camrosa Water District and Pleasant Valley County Water District. The proposed project involves an approximately 2.6 mile long pipeline along Laguna Road that would connect the Pumping Trough Pipeline (PTP) system to Camrosa's non-potable delivery pipeline. The project is currently in the planning stages and design has not started.
Graphical Information	

PROJECT FUNDING

Project 8007	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	0%	-	-	-	-	-	-	-
Debt Proceeds	0%		-		-	-	-	-
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-		-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	100%	-	-	406,800	2,697,800	4,461,800	-	7,566,400
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**-**	**-**	**406,800**	**2,697,800**	**4,461,800**	**-**	**7,566,400**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	-	124,800	124,800	124,800	-	374,400
Legal Fees		-	-	-	5,000	5,000	5,000	-	15,000
Total Admin/Inspection	**-**	**-**	**-**	**-**	**129,800**	**129,800**	**129,800**	**-**	**389,400**
Project Planning & Design									
Design	-	-	-	-	175,000	349,000	-	-	524,000
Survey	-	-	-	-	64,000	-	-	-	64,000
Geotechnical	-	-	-	-	38,000	-	-	-	38,000
Total Planning & Design	**-**	**-**	**-**	**-**	**277,000**	**349,000**	**-**	**-**	**626,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	-	-	53,000	-	-	53,000
Total Land Acquisition	**-**	**-**	**-**	**-**	**-**	**53,000**	**-**	**-**	**53,000**
Construction									
Equipment	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	2,166,000	4,332,000	-	6,498,000
Total Improvements	**-**	**-**	**-**	**-**	**-**	**2,166,000**	**4,332,000**	**-**	**6,498,000**
Total Project Costs	**-**	**-**	**-**	**-**	**406,800**	**2,697,800**	**4,461,800**	**-**	**7,566,400**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)

United Water Conservation District

Budget Plan for Fiscal Year 2020-21

Capital Improvement Projects

Project Name:	**Lake Piru e-Kiosk**	**Mission-Related Goal:**	**G. Organizational Effectiveness**	**Project Number**	**8045**
Department:	**Recreation 200**	**Strategic Objective:**	**G6**	**Fund Charged**	**051**

Project Description	
Description	Purchase and installation of an electronc kiosk at the Lake Piru Recreation Area entrance. The eKiosk includes hardware, software, licensing, and equipment, including a gate, traffic loop, and a detached pay station.
Need Benefit, and Relation to Existing Facilities	An electronic kiosk system will allow for greater gate control, the use of online reservations, and credit card payments at the entrance the Lake Piru Recreation Area. The system will also allow the District to reduce staffing at the kiosk during non-peak times.
Current Status	The project is expected to be completed in Fiscal Year 2020-21.
Graphical Information	

PROJECT FUNDING

Project 8007	Funding Split	Approved Allocation thru 6-30-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Funding Sources								
General/Water Conservation	100%	-	165,500	-	-	-	-	165,500
Debt Proceeds	0%		-		-	-	-	-
Freeman	0%	-	-	-	-	-	-	-
OH Pipeline	0%	-		-	-	-	-	-
OH Well Replacement	0%	-	-	-	-	-	-	-
PV Pipeline	0%	-	-	-	-	-	-	-
PT Pipeline	0%	-	-	-	-	-	-	-
Contributions/Grants	0%	-	-	-	-	-	-	-
Total Funding Sources	**100%**	**-**	**165,500**	**-**	**-**	**-**	**-**	**165,500**

PROJECT COSTS

Project Phase/Category	Approved Allocation thru 6-30-20	CURRENT YEAR STATUS: Est Exp Thru End of Year	CURRENT YEAR STATUS: Est Balance to Carryover	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25 and Beyond	Project Total
Project Administration/Inspection									
In-House Salaries	-	-	-	-				-	-
Legal Fees		-	-	1,500				-	1,500
Total Admin/Inspection	**-**	**-**	**-**	**1,500**	**-**	**-**	**-**	**-**	**1,500**
Project Planning & Design									
Design	-	-	-	8,000			-	-	8,000
Survey	-	-	-	2,000			-	-	2,000
Geotechnical	-	-	-	2,000			-	-	2,000
Total Planning & Design	**-**	**-**	**-**	**12,000**	**-**	**-**	**-**	**-**	**12,000**
Land Acquisition									
Row / Land Acquisition	-	-	-	-	-	-	-	-	-
CEQA / Permits	-	-	-	7,500	-		-	-	7,500
Total Land Acquisition	**-**	**-**	**-**	**7,500**	**-**	**-**	**-**	**-**	**7,500**
Construction									
Equipment	-	-	-	84,500	-	-	-	-	84,500
Construction	-	-	-	60,000	-			-	60,000
Total Improvements	**-**	**-**	**-**	**144,500**	**-**	**-**	**-**	**-**	**144,500**
Total Project Costs	**-**	**-**	**-**	**165,500**	**-**	**-**	**-**	**-**	**165,500**

Special Project Issues & Funding Sources

(Other Agency Permits, Grants, Assessment Districts, Coordination with Others, Etc.)

Annual Fiscal Impact - Maintenance & Operations (Current and Future)


United Water
CONSERVATION DISTRICT

FY 2020-21 PROPOSED BUDGET

SUPPLEMENTAL INFORMATION

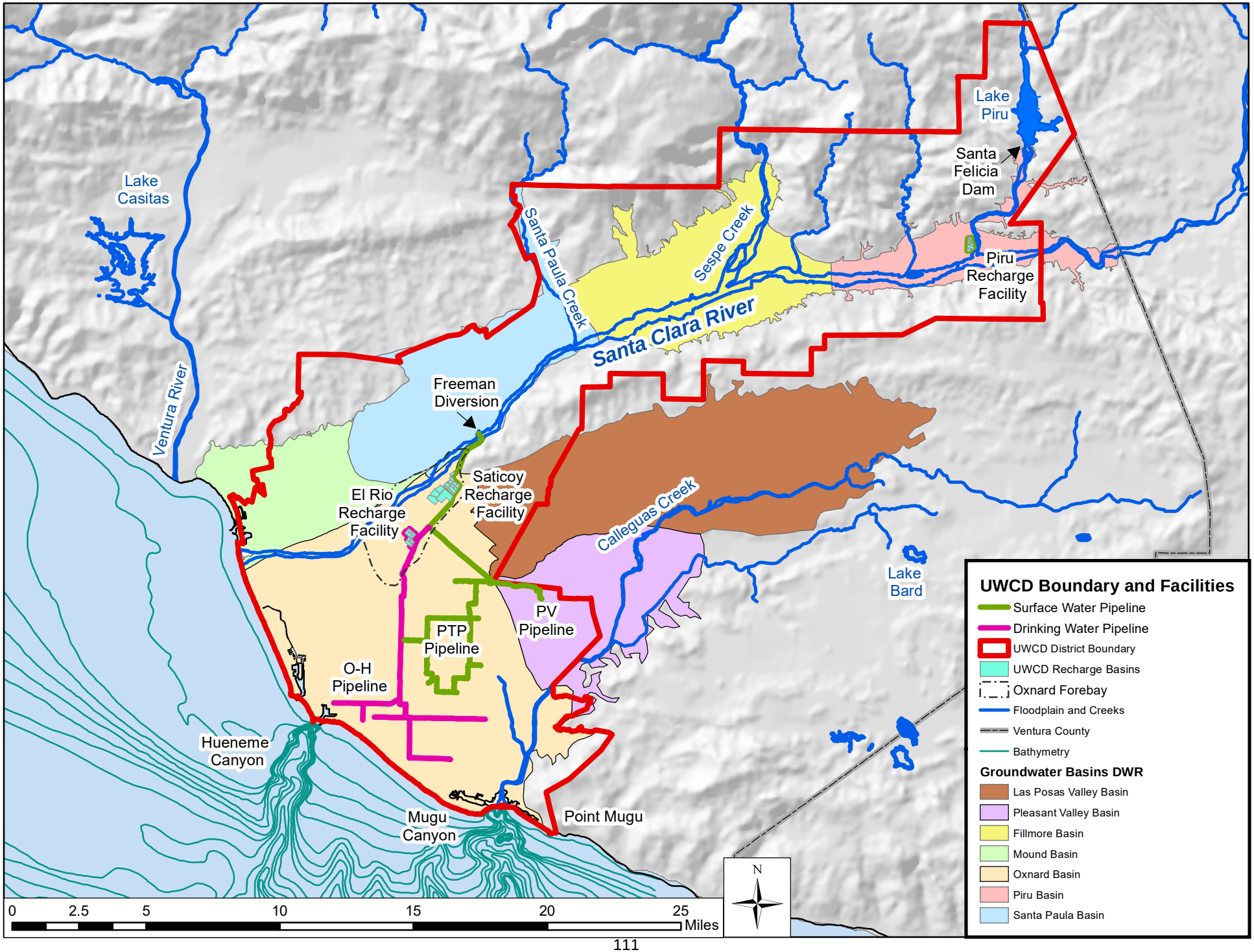
District Map & Area

Pipeline Delivery History

Groundwater Pumping by Zone

Lake Piru Water Storage Capacity/Fall Release

Agriculture is a multi-billion dollar industry in Ventura County and strawberries are its most valuable crop. Farmers rely on UWCD to monitor and protect their groundwater resources from seawater intrusion and other contaminants, and to develop a sustainable water supply for the future in the most cost efficient way possible.

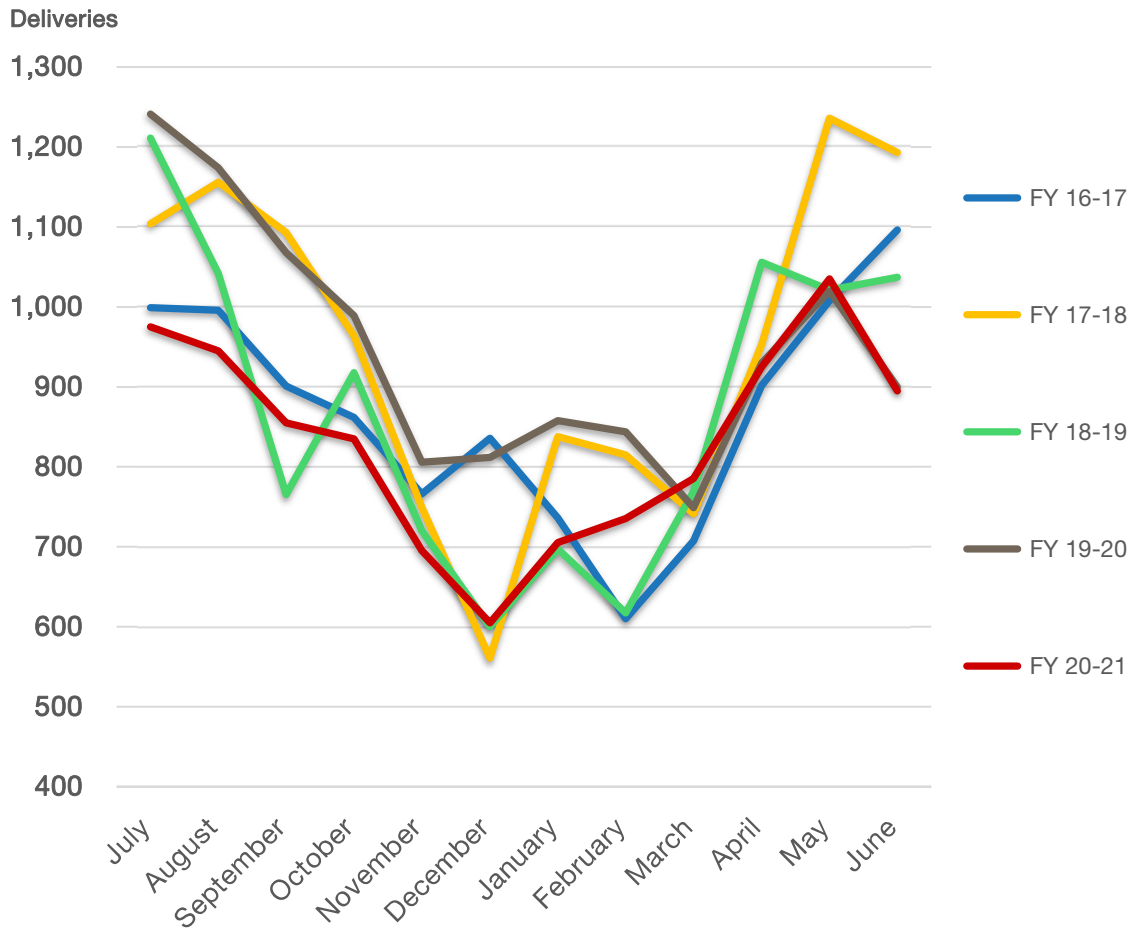

Lake Casitas
Ventura River
Santa Paula Creek
Sespe Creek
Santa Clara River
Lake Piru
Santa Felicia Dam
Piru Recharge Facility
Freeman Diversion
El Rio Recharge Facility
Saticoy Recharge Facility
Calleguas Creek
Lake Bard
PV Pipeline
PTP Pipeline
O-H Pipeline
Hueneme Canyon
Mugu Canyon
Point Mugu
N
0 2.5 5 10 15 20 25 Miles
UWCD Boundary and Facilities
Surface Water Pipeline
Drinking Water Pipeline
UWCD District Boundary
UWCD Recharge Basins
Oxnard Forebay
Floodplain and Creeks
Ventura County
Bathymetry
Groundwater Basins DWR
Las Posas Valley Basin
Pleasant Valley Basin
Fillmore Basin
Mound Basin
Oxnard Basin
Piru Basin
Santa Paula Basin

United Water Conservation District

OXNARD-HUENEME PIPELINE DELIVERIES

Acre Feet

				Projected	
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
July	999	1,104	1,211	1,241	975
August	996	1,156	1,042	1,174	945
September	901	1,093	765	1,068	855
October	862	964	918	989	835
November	766	749	720	806	695
December	836	561	600	812	605
January	736	838	697	858	705
February	610	815	617	844	735
March	707	741	769	749	785
April	902	953	1,056	930	925
May	1,008	1,236	1,021	1,020	1,035
June	1,096	1,193	1,037	900	895
Total	10,419	11,403	10,453	11,391	9,990

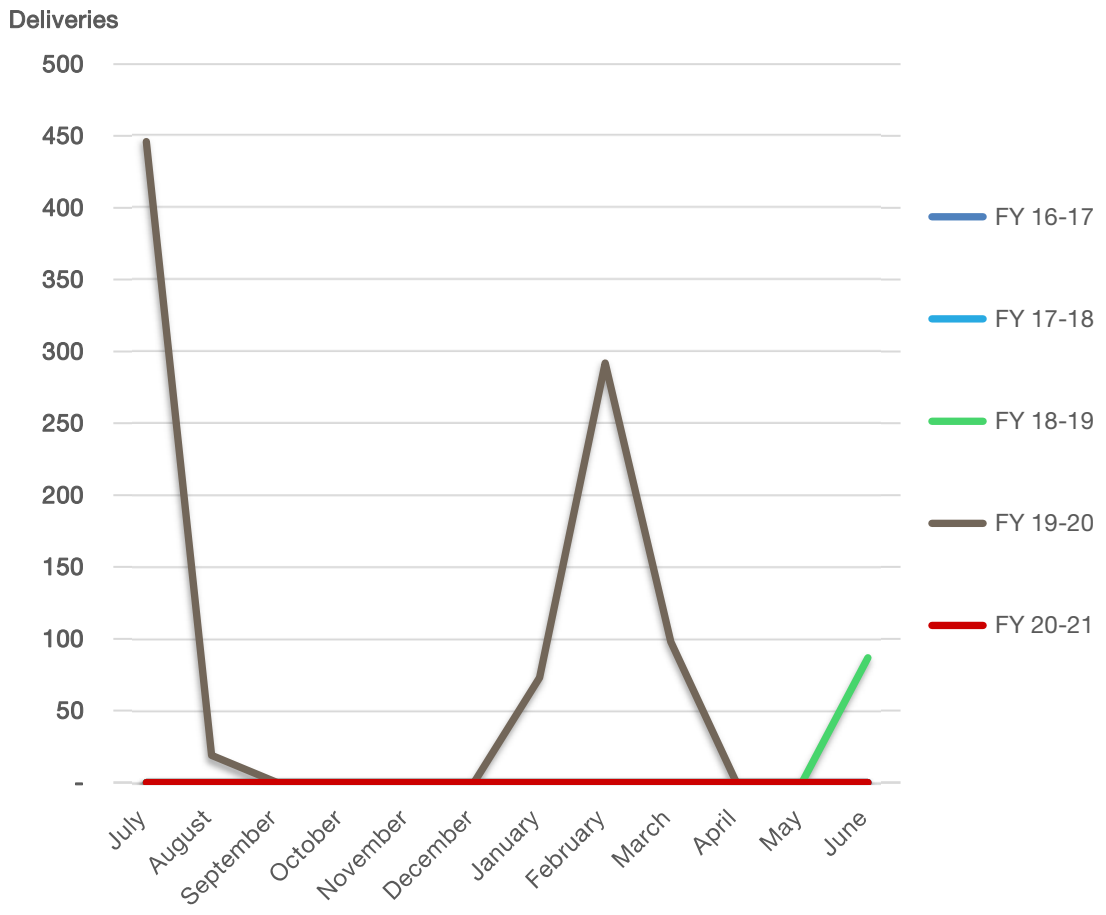


United Water Conservation District

PLEASANT VALLEY PIPELINE DELIVERIES

Acre Feet

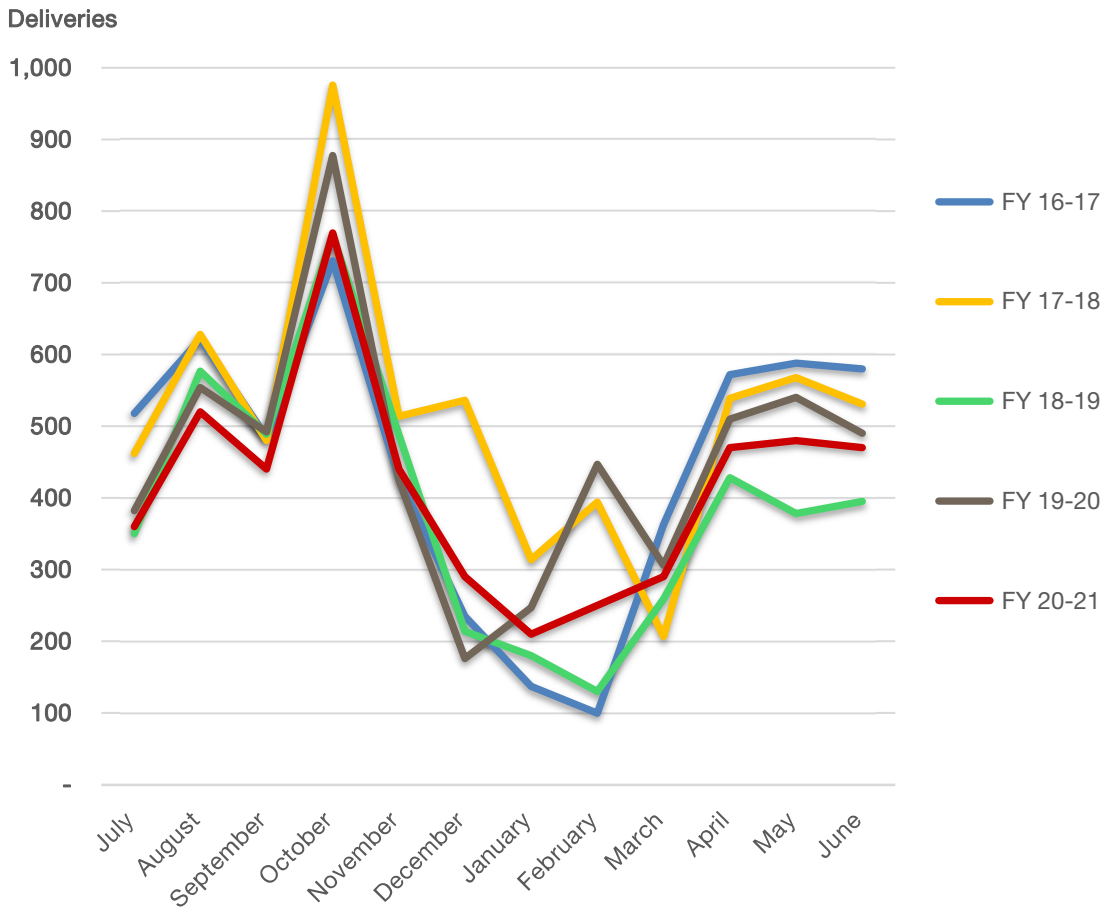
	FY 16-17	FY 17-18	FY 18-19	Projected FY 19-20	FY 20-21
July	-	-	-	446	-
August	-	-	-	19	-
September	-	-	-	-	-
October	-	-	-	-	-
November	-	-	-	-	-
December	-	-	-	-	-
January	-	-	-	73	-
February	-	-	-	292	-
March	-	-	-	98	-
April	-	-	-	-	-
May	-	-	-	-	-
June	-	-	87	-	-
Total	-	-	87	*928*	-



United Water Conservation District

PUMPING TROUGH PIPELINE DELIVERIES
Acre Feet

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	*Projected* FY 20-21
July	518	462	350	382	*360*
August	622	628	577	554	*520*
September	485	480	489	492	*440*
October	731	976	767	878	*770*
November	427	514	488	425	*440*
December	235	536	214	176	*290*
January	137	314	180	247	*210*
February	100	394	130	447	*250*
March	363	207	259	306	*290*
April	572	539	428	510	*470*
May	588	568	378	540	*480*
June	580	531	395	490	*470*
Total	5,358	6,149	4,655	5,447	*4,990*



GROUNDWATER PUMPING
By Zone
(Billable Acre-Feet)

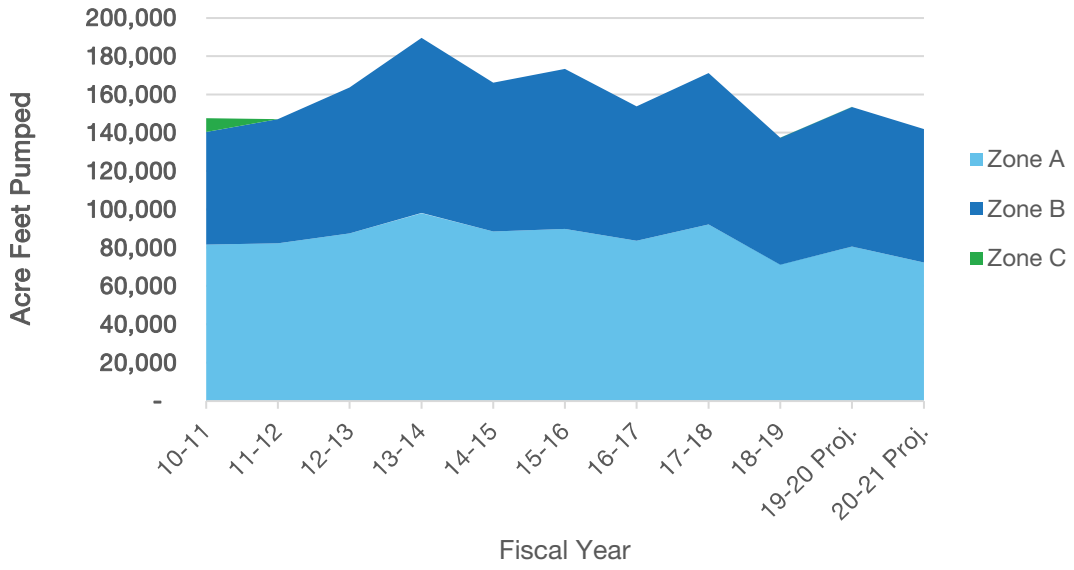
Fiscal Year	Zone A	Zone B	Zone C	District Total
10-11	81,506	58,799	7,322	147,627
11-12	82,170	64,907	-	147,077
12-13	87,376	76,280	-	163,656
13-14	98,105	91,530	-	189,634
14-15	88,436	77,688	-	166,124
15-16	89,784	83,529	-	173,313
16-17	83,608	70,132	-	153,740
17-18	92,150	78,982	-	171,132
18-19	71,184	66,128	-	137,312
19-20 Proj.	80,494	72,901	-	153,395
20-21 Proj.	72,248	69,599	-	141,847

Zone A - 100% General Fund District-wide Pump charge / 0% Freeman Fund Pump Charge

Zone B - 100% General Fund District-wide Pump charge / 100% Freeman Fund Pump Charge

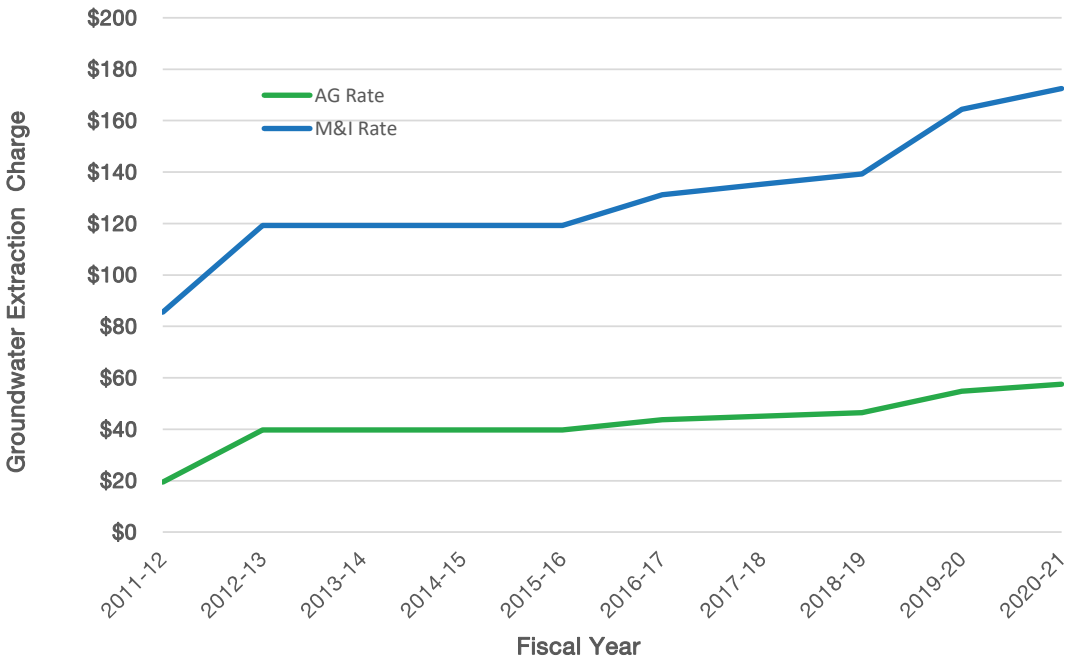
*Zone C - 100% General Fund District-wide Pump charge / 33.33% Freeman Fund Pump Charge

*Effective 7/1/2011 Zone C has been eliminated. Zone C shown here for comparative purposes only.



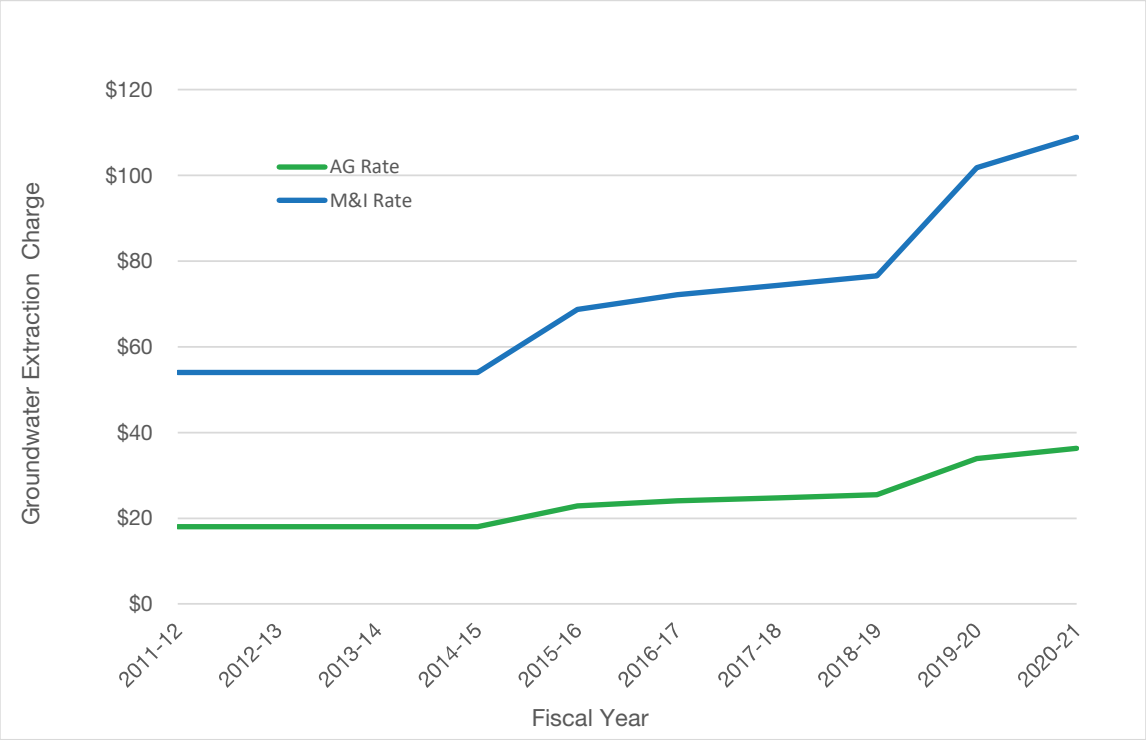
GROUNDWATER EXTRACTION CHARGE PER ACRE FOOT
Last Ten Fiscal Years
Zone A

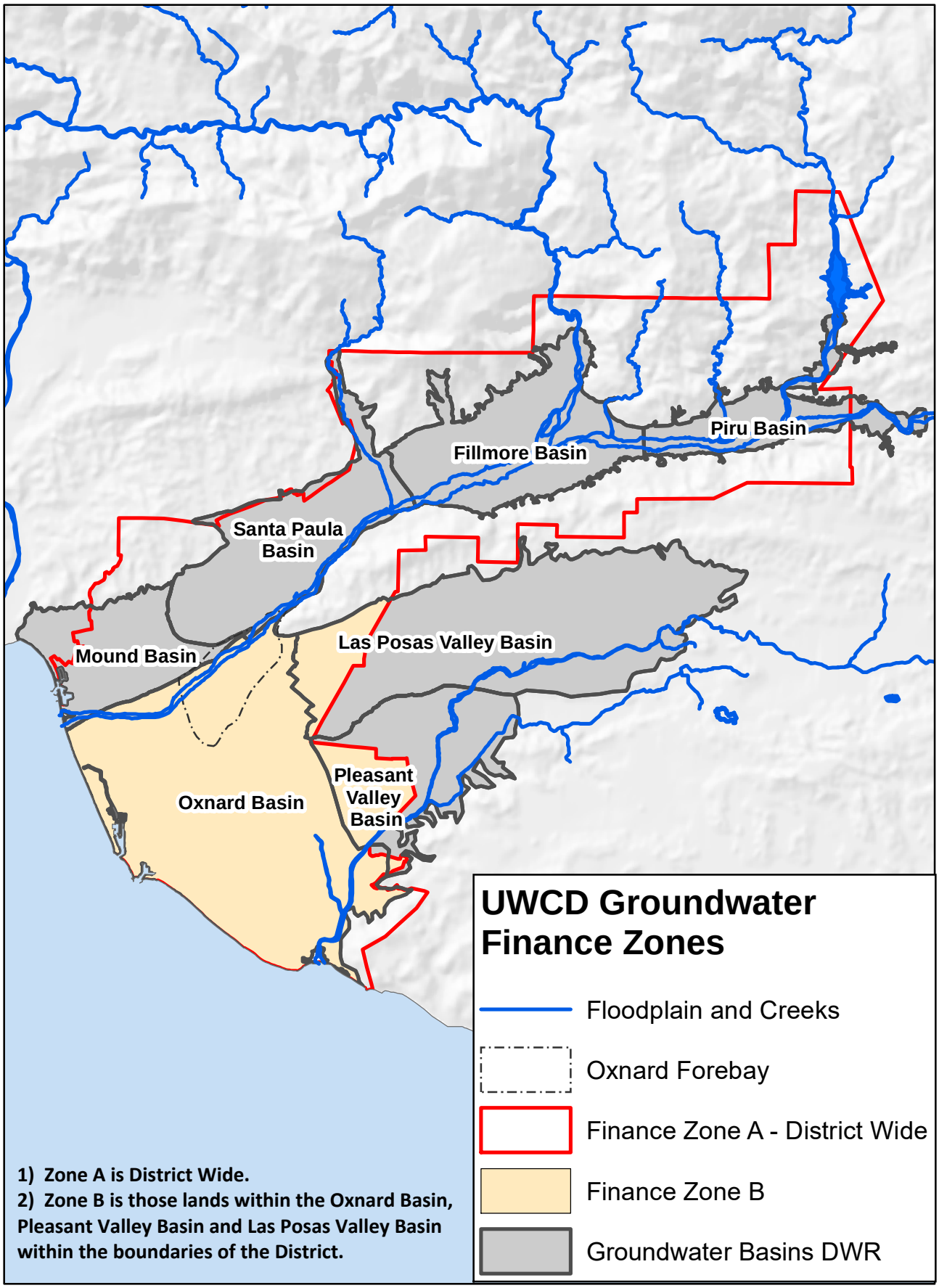
Fiscal Year	AG Rate	M&I Rate
2011-12	$19.50	$85.50
2012-13	$39.75	$119.25
2013-14	$39.75	$119.25
2014-15	$39.75	$119.25
2015-16	$39.75	$119.25
2016-17	$43.75	$131.25
2017-18	$45.08	$135.24
2018-19	$46.43	$139.30
2019-20	$54.79	$164.37
2020-21	$57.50	$172.50



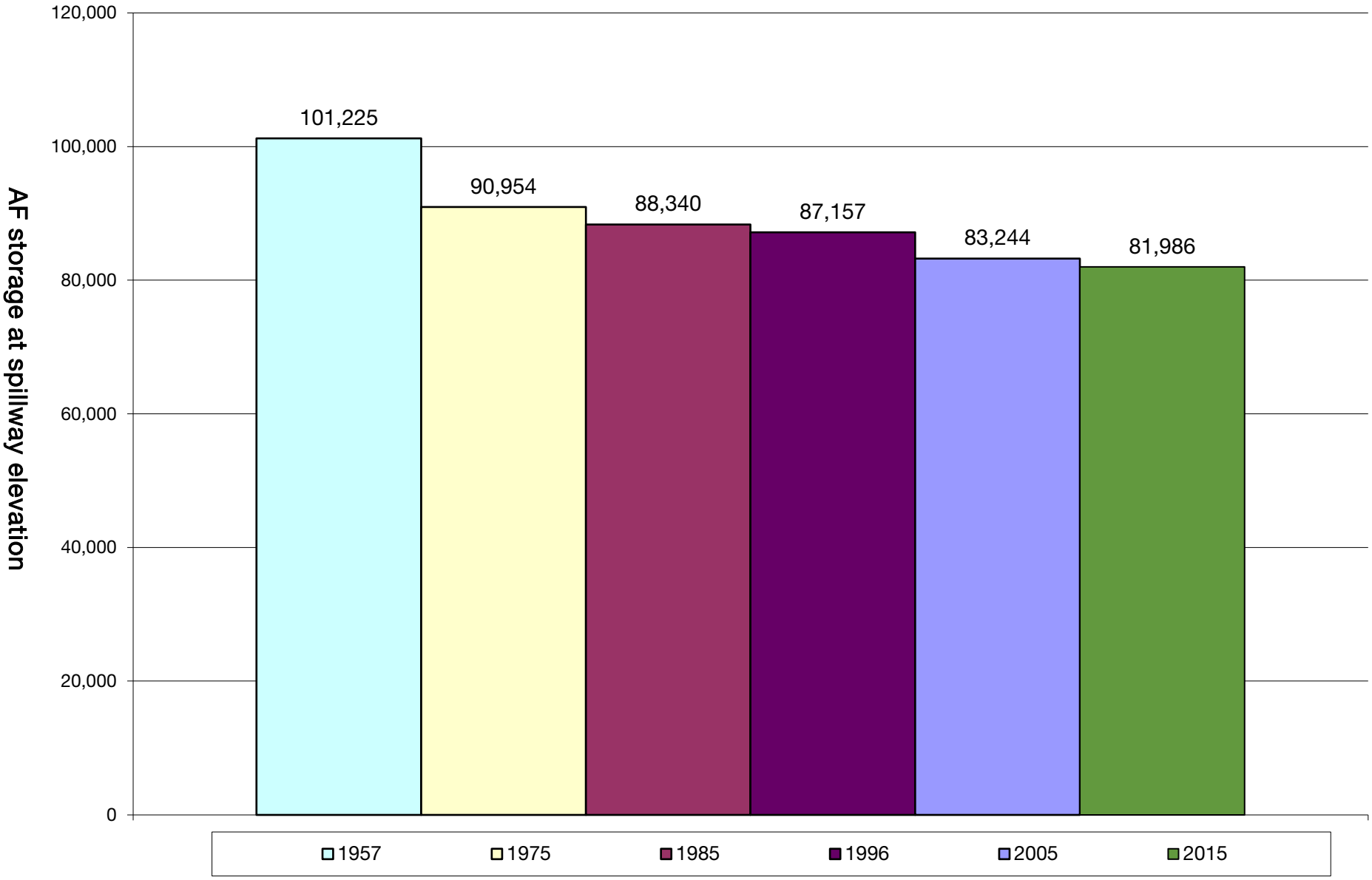
GROUNDWATER EXTRACTION CHARGE PER ACRE FOOT
Last Ten Fiscal Years
Zone B

Fiscal Year	AG Rate	M&I Rate
2011-12	$18.00	$54.00
2012-13	$18.00	$54.00
2013-14	$18.00	$54.00
2014-15	$18.00	$54.00
2015-16	$22.90	$68.70
2016-17	$24.05	$72.15
2017-18	$24.77	$74.31
2018-19	$25.51	$76.54
2019-20	$33.93	$101.80
2020-21	$36.30	$108.90




Piru Basin
Fillmore Basin
Santa Paula Basin
Las Posas Valley Basin
Mound Basin
Oxnard Basin
Pleasant Valley Basin
UWCD Groundwater Finance Zones
Floodplain and Creeks
Oxnard Forebay
Finance Zone A - District Wide
Finance Zone B
Groundwater Basins DWR
1) Zone A is District Wide.
2) Zone B is those lands within the Oxnard Basin, Pleasant Valley Basin and Las Posas Valley Basin within the boundaries of the District.

Available water storage (capacity) in Lake Piru based on historical siltation surveys




United Water
CONSERVATION DISTRICT