APPROVED 6.13.2023

Project #	Project Name	Projected FY 23/24 to FY 32/33 Total (Adjusted 4.2023)	FY 23/24	FY 24/25	FY 25/26	FY26/27	FY27/28	FY28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	Projected FY 23/24 to FY 32/33 Total
Equipment Purchase & Replacement													
06-03	SCADA/Telemetry/Electric Controls Replacement	$ 500,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000
15-04	Vactor Truck/Trailer	$ 500,000						$ 500,000					$ 500,000
99-02	Vehicle Fleet Replacement	$ 530,000	$ 80,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 530,000
	Equipment Purchase & Replacement Totals	**$ 1,530,000**	**$ 130,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 600,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 1,530,000**
Facilities & Maintenance													
09-09	Fire Hydrant Replacement	$ 1,400,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 140,000	$ 1,400,000
NN-00	Pilarcitos Canyon Culvert Replacement	$ 40,000	$ 40,000										$ 40,000
99-01	Meter Change Program	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 100,000
	Facilities and Maintenance Totals	**$ 1,540,000**	**$ 190,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 1,540,000**
Pipeline Projects													
14-01	Highway 92 - Emergency Pipeline Restoration and Replacement of Welded Steel Line	$ 7,900,000	$ 2,500,000	$ 1,200,000	$ 200,000	$ 3,000,000	$ 1,000,000						$ 7,900,000
14-33	Miramar Cast Iron Pipeline Replacement	$ 2,500,000							$ 1,000,000	$ 1,500,000			$ 2,500,000
16-09	Magellan at Hwy 1/Miramar Dead Ends	$ 1,300,000	$ 500,000		$ 800,000								$ 1,300,000
22-07	Alameda Ave Crossing at Medio Creek	$ 275,000	$ 275,000										$ 275,000
18-01	Pine Willow Oak Pipeline Replacement	$ 2,500,000					$ 2,500,000						$ 2,500,000
21-01	Redondo Beach Loop to St Andrews Road	$ 150,000			$ 150,000								$ 150,000
21-09	Miramar Tank/Pipeline Replacement (600 ft)	$ 500,000				$ 500,000							$ 500,000
22-01	Miramontes Point Road Water Main Replacement	$ 3,800,000						$ 2,300,000	$ 1,500,000				$ 3,800,000
23-01	Seahaven/Spindrift Neighborhood Pipeline Replacement	$ 2,000,000								$ 2,000,000			$ 2,000,000
23-02	Poplar Street Pipeline Replacement	$ 2,000,000	$ 400,000								$ 1,600,000		$ 2,000,000
24-01	Granelli Cut Cap and HMB Valve Replacement	$ 100,000	$ 100,000										$ 100,000
NN-00	Unscheduled CIP	$ 3,400,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 2,500,000	$ 3,400,000
	Pipeline Projects Totals	**$ 26,425,000**	**$ 3,875,000**	**$ 1,300,000**	**$ 1,250,000**	**$ 3,600,000**	**$ 3,600,000**	**$ 2,400,000**	**$ 2,600,000**	**$ 3,600,000**	**$ 1,700,000**	**$ 2,500,000**	**$ 26,425,000**
Pump Stations/Tanks/Wells													
21-07	Carter Hill Tank Improvement Project	$ 19,700,000	$ 300,000	$ 4,000,000	$ 5,400,000					$ 500,000	$ 5,000,000	$ 4,500,000	$ 19,700,000
08-14	Alves Tank Rehabilitation/Replacement	$ 3,000,000						$ 3,000,000					$ 3,000,000
19-01	EG#1 Tank Improvement Project/New Pump Station	$ 1,150,000	$ 150,000	$ 1,000,000									$ 1,150,000
14-33	Miramar Tank Rehabilitation	$ 200,000					$ 200,000						$ 200,000
08-16	Cahill Tank Rehabilitation	$ 125,000				$ 125,000							$ 125,000
20-16	Denniston Tank Rehabilitation	$ 125,000				$ 125,000							$ 125,000
09-18	Upper Pilarcitos Well Field Replacements	$ 500,000			$ 500,000								$ 500,000

APPROVED 6.13.2023

Project #	Project Name	Projected FY 23/24 to FY 32/33 Total (Adjusted 4.2023)	FY 23/24	FY 24/25	FY 25/26	FY26/27	FY27/28	FY28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	Projected FY 23/24 to FY 32/33 Total
16-08	Denniston Well Field Replacements	$ 1,000,000	$ 500,000					$ 500,000					$ 1,000,000
20-01	CSP Pump #1/2 Spare	$ 90,000	$ 90,000										$ 90,000
21-03	CSP Pump #3 Replacement	$ 250,000				$ 250,000							$ 250,000
23-11	CSP Screens - Intake Valves	$ 250,000	$ 250,000										$ 250,000
19-05	Tanks - THM Control	$ 50,000	$ 50,000										$ 50,000
	Pump Stations/Tanks/Wells Totals	**$ 26,440,000**	**$ 1,340,000**	**$ 5,000,000**	**$ 5,900,000**	**$ 500,000**	**$ 200,000**	**$ 3,500,000**	**$ -**	**$ 500,000**	**$ 5,000,000**	**$ 4,500,000**	**$ 26,440,000**
Water Supply Development													
12-12	San Vicente/Denniston Water Supply Project	$ 5,000,000	$ 500,000	$ 2,000,000	$ 200,000	$ 200,000	$ 300,000	$ 1,000,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 5,000,000
13-04	Denniston Reservoir Restoration	$ 1,000,000						$ 1,000,000					$ 1,000,000
23-04	Lower Pilarcitos Well Development	$ 2,850,000	$ 100,000			$ 250,000	$ 250,000	$ 250,000	$ 1,000,000	$ 1,000,000			$ 2,850,000
17-12	Recycled Water Project Development	$ 300,000	$ 300,000										$ 300,000
													$ -
	Water Supply Development Totals	**$ 9,150,000**	**$ 900,000**	**$ 2,000,000**	**$ 200,000**	**$ 450,000**	**$ 550,000**	**$ 2,250,000**	**$ 1,200,000**	**$ 1,200,000**	**$ 200,000**	**$ 200,000**	**$ 9,150,000**
Water Treatment Plants													
20-14	Nunes Water Treatment Plant Improvement Project	$ 1,600,000	$ 1,600,000										$ 1,600,000
23-05	Sodium Hypochlorite Generator Replacement (Nunes)	$ 200,000	$ 200,000										$ 200,000
23-06	Existing Sedimentation Basin Rehabilitation	$ 300,000	$ 300,000										$ 300,000
23-07	Denniston Contact Clarifier Hatch Replacements	$ 75,000	$ 75,000										$ 75,000
NN-00	Denniston Water Treatment Plant Improvement Project	$ 4,000,000							$ 4,000,000				$ 4,000,000
	Water Treatment Plants Totals	**$ 6,175,000**	**$ 2,175,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 4,000,000**	**$ -**	**$ -**	**$ -**	**$ 6,175,000**
	GRAND TOTAL	**$ 71,260,000**	**$ 8,610,000**	**$ 8,550,000**	**$ 7,600,000**	**$ 4,800,000**	**$ 4,600,000**	**$ 8,900,000**	**$ 8,050,000**	**$ 5,550,000**	**$ 7,150,000**	**$ 7,450,000**	**$ 71,260,000**

Note:
Prior Year's CIP (aapproved June 2022) budget

	FY22/23	FY 23/24	FY 24/25	FY 25/26	FY26/27	FY 27/28
	$ 8,205,000	$ 5,090,000	$ 7,940,000	$ 6,390,000	$ 5,690,000	$ 6,640,000
shift from FY 22/23 to FY 23/24	$ (2,200,000)	$ 2,200,000				

Coastside County Water District

Category: Equipment Purchase & Replacement

Number: 06-03

Project Name: SCADA/Telemetry/Electrical Controls Replacement

Budget: $500,000

Description: This project provides for ongoing upgrading and replacement of controls at all the District's facilities and construction of a radio-based and cellular data communications network. Programmable Logic Controllers (PLCs) at the District's facilities which monitor reservoir levels, control treatment processes and pump stations, communicate critical data/tends to the District's operations center, and notify operators of alarm conditions.

Number: 15-04

Project Name: Vactor Truck/Trailer

Category: Equipment Purchase & Replacement

Budget: $500,000

Description: Due to increased regulation and risks associated with excavating around existing underground utilities, many water agencies have adopted the use of vacuum equipment for excavation. This item would fund purchase of a vactor truck/trailer.

Number: 99-02

Project Name: Vehicle Fleet Replacement

Category: Equipment Purchase & Replacement

Budget: $530,000

Description: The District considers vehicles to have a useful life of 10 years or 100,000 miles. This project provides funding for periodic replacement of the vehicle fleet. The schedule plans for a replacement of one vehicle every year. FY2023/2024 reflects purchase of an F-250 for towing the emergency Pilarcitos pump.

Coastside County Water District

Category: Facilities Maintenance

Number: 09-09

Project Name: Fire Hydrant Replacement

Category: Facilities Maintenance

Budget: $1,400,000

Description: This project provides continuing funding for replacement of fire hydrants that have reached the end of their service life. The District has ~660 fire hydrants, ~200 of these are dry barrel hydrants. The cost of replacing a hydrant ranges from $7000-$10,000.

Number: 99-01

Project Name: Meter Change Program

Category: Facilities Maintenance

Budget: $100,000

Description: This project provides funding for the District's replacement of meters that have reached the end of their service life. In 2017-2018, the District replaced all residential meters and smaller commercial meters. The budget provides for ongoing replacement of larger meters (2" and above.)

Number: 23-01

Project Name: Pilarcitos Canyon Culvert Replacement

Category: Facilities Maintenance

Budget: $40,000

Description: 'This project is to replace two 18" corrugated metal culverts in the Pilarcitos Canyon access road. The culverts were originally damaged in the 2021 December storms during high creek flow periods. The culverts are of unknown age, appear to be near or at the end of their service life and in need of replacement.

Category: Pipeline Projects

Number: 14-01

Project Name: Highway 92 – Emergency Pipeline Restoration Project/Replacement of 12" Welded Steel Line

Category: Pipeline Projects

Budget: $7,900,000

Description: When the District built the new Pilarcitos East Pipeline in the early 1990's to bring untreated water from Pilarcitos Reservoir and Crystal Springs to the Nunes Water Treatment Plant, the existing 12-inch welded steel raw water pipeline running along Highway 92 was repurposed to supply treated water to services along Highway 92. This (approximately) 12,000 foot pipeline is one of the oldest in the District.

Initially, the District only planned to replace 2,600 linear feet of pipeline from La Nebbia Winery north to Sun Studios in the FY2022-FY2024 timeframe. During the late December 2022-early January 2023 storms, the District sustained damage to the pipeline north of Sun Studios (beyond the point of the planned replacement) when 650 feet of the pipeline was exposed in the creekbank due to erosion caused by higher than normal flows in Pilarcitos Creek during the storm. A temporary bypass pipeline was installed during these storms, however fire flows are now significantly reduced. Given the emergency, the District must now replace an additional 2,200 linear feet. The plan for FY23/24 is to restore the pipeline damaged in the emergency and the stretch of pipeline from La Nebbia winery. (The District has applied for FEMA for the emergency section.)

As part of FY2023-FY2024 project, the District also plans to install HDPE using the Horizontal Directional Drilling (HDD) underneath the creek between the Pastorino and Cozzolino property (near La Nebbia. The pipeline connecting the Pastorino and Cozzolino properties was exposed in the Corinda Los Trancos Creek during the 2021 winter storms.)

The District plans to replace the other sections of Highway 92 in FY26/27 and FY27/28.

Number: 14-33

Project Name: Miramar Cast Iron Pipeline Replacement

Category: Pipeline Projects

Budget: $2,500,000

Description: This project would replace ~7,000+ feet of 8-inch and 10-inch cast iron mains in an area of Miramar bounded by Highway 1, Medio Avenue, and Washington Blvd. Most of these pipes were installed in the mid-1960's.

Number: 16-09

Project Name: Magellan at Hwy 1/Miramar Dead ends

Category: Pipeline Projects

Budget: $1,300,000

Description: This project will replace a 10-inch cast iron pipeline on Magellan from 5th Avenue across Highway 1 that has had major leaks. The project involves:

1) Rehabilitation of 475 LF of existing 10-inch Cast-Iron Pipe (CIP) that crosses under Highway 1 at Magellan Avenue utilizing Primus Line, a flexible fabric-reinforced pipeline liner. The Primus slip lining technique will be utilized to avoid disruption on Highway 1.
2) Installation of approximately 660 LF of new 10-inch and 350 LF of new 6-inch ductile iron pipe (DIP) water mains in the Miramar Beach neighborhood by open trench. The Miramar Dead End open trench water main installation is required to connect both ends of the 10-inch pipe between Magellan Avenue and Medio Avenue and eliminate five existing dead ends in the Miramar Beach neighborhood. Hydraulic modeling found that completing the 10-inch line is required to provide redundancy in case the 16-inch transmission main is taken out of service and to improve system resiliency. Eliminating the dead-ends will also improve water quality and fire flow availability in the Miramar neighborhood.

Number: 22-07

Project Name: Alameda Avenue Crossing at Medio Creek

Category: Pipeline Projects

Budget: $275,000

Description: This project includes rehabilitation of 175 linear feet of existing 10-inch welded steel pipe that crosses above Medio Creek along Alameda Avenue. The evaluation was initiated after an investigation performed by Pacific Gas and Electric Company (PG&E), which erroneously suspected the line was owned by PG&E, found that the pipe has areas of thinning wall thickness due to corrosion. A break/leak occurring in the section of pipe installed above the creek would be difficult to repair and could cause significant water loss and environmental impacts to Medio Creek. EKI evaluated several rehabilitation and replacement options and ultimately recommended the District rehabilitate the existing 10-inch WS pipeline crossing Medio Creek with Primus Line, a flexible fabric-reinforced pipe liner.

Number: 18-01

Project Name: Pine Willow Oak Pipeline Replacement Project

Category: Pipeline Projects

Budget: $2,500,000

Description: This project will replace ap. 1,350 linear feet of 8-inch cast iron pipe (CIP) on Pilarcitos Avenue and 3,000 linear feet of 4-inch CIP on Pine Avenue, Laurel Avenue, Willow Avenue, Cypress Avenue, and Oak Avenue. The cast iron 4" mains were installed in the early sixties. and are now approaching 60 years old. Engineering design and bid documents have been completed by EKI Environment and Water.

Number: 21-01

Project Name: Redondo Beach Loop to St. Andrews Road

Category: Pipeline Projects

Budget $150,000

Description: This project will connect two existing dead end mains in Redondo Beach Road and will allow the elimination of a water main that crosses the adjacent fairway on the Half Moon Bay Golf Links. This effort will require installation of ~300-feet of 8-inch DIP, relocating two services and cutting and capping the old fairway crossing.

Number: 21-09

Project Name: Miramar Tank/Pipeline Replacement

Category: Pipeline Projects

Budget: $500,000

Description: This project provides for upgrading ap.~600 feet of pipeline in the Miramar neighborhood for fire flow purposes.

Number: 22-01

Project Name: Miramontes Point Road Water Main Replacement

Category: Pipeline Projects

Budget: $3,800,000

Description: This project will replace approximately 3,600 linear feet of 10-inch Ductile Iron Pipe in Miramontes Point Road and ~2,200 of 6 inch in the adjacent neighborhood streets. There have been several large diameter holes in this pipe that cause significant paving and backfilling expenses.

Number: 23-01

Project Name: Seahaven/Spindrift Neighborhood Pipeline Replacement

Category: Pipeline Projects

Budget: $2,000,000

Description: The Sea Haven/Spindrift neighborhood is in future need of replacing approximately 3500 feet of cast iron pipe with Ductile Iron and installing a pressure reducing valve. (Date is TBD).

Number: 23-02

Project Name: Poplar Street Pipeline Replacement

Category: Pipeline Projects

Budget: $2,000,000

Description:

In Fall 2023, the City of Half Moon Bay will construct its Poplar Street Traffic Calming and Safety Project which will improve traffic and safety on Poplar Street east of Highway 1. The District will replace 850 feet of existing 6-inch cast-iron main ($400,000 budget) with a new ductile iron pipe in Summer 2023 before the City commences its project.

The City will ultimately construct its Traffic Calming and Safety Project in the Poplar neighborhood west of Highway 1, but the date is yet to be determined. The budget also includes replacing approximately 2,000 feet of cast iron pipe to be completed in conjunction with the City's project.

Number: 24-01

Project Name: Granelli Cut Cap and HMB Valve Replacement

Category: Pipeline Projects

Budget: $100,000

Description:

The District has a 6" water main that crosses from 2nd Ave. to across Granelli Ave. to Central Ave. through several residential lots. The District plans to cut and cap this main as we have no access to repair or maintain this pipeline. Hydraulic modeling has shown this water main is not needed. Included in this work is the replacement of ~19 gate valves that are broken, leaking and/or inoperable.

Category: Pump Stations/Tanks/Wells

Number: 21-07

Project Name: Carter Hill Tank Improvement Project

Category: Pump Stations/Tanks/Wells

Budget: $19,700,000

Description: There are three welded steel water storage tanks located below Nunes Water Treatment Plant which were constructed over 50 years ago. The District plans to replace the three tanks with two prestressed concrete tanks. The first tank project is planned to start construction in Spring 2024 and will entail replacing Tanks 1 and 2 with a 2.1 MG prestressed concrete tank. The District engaged the engineering firm HDR, Inc. to prepare the tank design. The second tank project is projected to start construction in FY30/31 and will include replacement of HMB Tank #3 with a 3MG prestressed concrete tank.

Number: Various

Project Name: CCWD Tank Improvement Project – Alves, EG #1, Miramar, Cahill, Denniston

Category: Pump Stations/Tanks/Wells

Budget: $4,650,000

Description: Project will involve refurbishment or replacement of the District's tanks – plans are still to be determined given hydraulic modeling and engineering assessments.

Number: 09-18

Project Name: Upper Pilarcitos Well Field Improvements

Category: Pump Stations/Tanks/Wells

Budget: $500,000

Description: Water from wells located on District property along upper Pilarcitos Creek represents an important water source for the District. Under the terms of a permanent water rights license, the District may pump up to 117 million gallons from these wells in the period from November 1 through March 31. Use of the wells results in substantial water cost savings versus the high cost of water purchased from San Francisco Public Utilities Commission. There are currently six active, and one inactive well on the bank of the Pilarcitos Creek that divert water during permitted winter extraction period. These wells are in need of rehabilitation/replacement in order to maximize the District's use during the permitted periods.

Number: 16-08

Project Name: Denniston Well Field Improvements

Category: Pump Stations/Tanks/Wells

Budget: $1,000,000

Description: The District currently has 2 active and 6 inactive wells in the Denniston Terrace deposits. These wells are near the end of their useful service life and in need of replacement or rehabilitation. Additional groundwater could extend the operating period of the Denniston WTP.

Number: 20-01

Project Name: CSP Pump #1/2 Spare

Category: Pump Stations/Tanks/Wells

Budget: $90,000

Description: The District currently has two spare pumps stored at CSP. One spare is for P1 or 2 position the other is for P3. This purchase will further prepare the District for pump failures by having a complete set of spares on hand, rather than waiting ~40-50 weeks for a replacement pump.

Number: 22-02

Project Name: CSP Pump #3 Replacement

Category: Pump Stations/Tanks/Wells

Budget: $250,000

Description: The District has three pumps at the Crystal Springs Pump Station (CSP)**.** Two 350 Hp pumps and one 500 Hp pump at CSP. The District has a spare pump for each pump onsite in the event of an emergency. This project will fund the scheduled replacement of the 500Hp pump (P#3).

Number: 23-11

Project Name: CSP Screens – Intake Valves

Category: Pump Stations/Tanks/Wells

Budget: $250,000

Description: Raw water from the Crystal Springs Pump Station enters the facility through to screened inlets that sit at different depths in the Crystal Springs Reservoir. Over a decade a go the actuated valves on these screens were removed to failure and were deemed unnecessary. In the Summer of 2023 a persistent heat wave caused stratification and water quality issues in the Crystal Spring Reservoir that could have been mitigated by isolating the lower screen. This project include the design and replacement of the valves and actuators that were removed in 2012.

Number: 19-05

Project Name: Tanks – THM Control

Category: Pump Stations/Tanks/Wells

Budget: $50,000

Description: This project is to help address disinfection by product formation, Total Trihalomethane (TTHM) and Halo Acetic Acid (HAAs) in our finished potable water. These funds will be used for water tank mixer installation and also tank vents to remove these compounds in order to meet the current regulatory limits for TTHMs and HAAs.

Category: Water Supply Development

Number: 12-12

Project Name: San Vicente/Denniston Water Supply Project

Category: Water Supply Development

Budget: $5,000,000

Description: A water rights permit issued in 1969 allows the District to divert up to 2 cubic feet per second each from San Vicente Creek. In order to secure this right on a permanent basis, the District must divert water from San Vicente Creek. Budget includes construction of a new pipeline from Upper San Vicente Reservoir to the Denniston Pump Station, construction of a new diversion structure on San Vicente Creek, and replacement of the existing District owned pipeline from the diversion site to Upper San Vicente Reservoir.

Number: 13-04

Project Name: Denniston Reservoir Restoration

Category: Water Supply Development

Budget: $1,000,000

Description: Siltation in Denniston Reservoir has reduced its volume to a small fraction of the capacity that existed when the District built the Denniston Water Treatment Plant. This project would substantially restore the original volume of Denniston Reservoir. The Environmental Impact Report completed in 2015 for the Denniston/San Vicente Water Supply Project includes consideration of Denniston Reservoir dredging.

Number: 17-12

Project Name: Water Reuse Project Development

Category: Water Supply Development

Budget: $300,000

Description: This project provides funding for a feasibility student of a future water reuse project.

Number: 23-04

Project Name: Lower Pilarcitos Well Development

Category: Water Supply Development

Budget: $2,850,000

Description: This project is focused on exploration of potential options for wells in lower Pilarcitos with a goal of diversifying the District's water supply portfolio.

Category: Water Treatment Plants

Number: 20-14

Project Name: Nunes Water Treatment Plant Improvement Project

Category: Water Treatment Plants

Budget: $1,600,000

Description: This project is a continuation of the $9M project that was started in FY 21/22 to upgrade and rehabilitate ap. 25% of the Nunes Water Treatment Plant. This project construction of an additional sedimentation basin, rehabilitation and coating of all 4 filters, replacement of the filter valves and actuators, clearwell coating, internal repairs and construction of additional caustic storage. Estimated completion is Spring 2024.

Number: 23-05

Project Name: Sodium Hypochlorite Generator Replacement (Nunes)

Category: Water Treatment Plants

Budget: $200,000

Description: The existing Nunes Hypochlorite Generation system was installed in 2010 as part of the chemical delivery system upgrades. This project proposes installation of another complete redundant system that could be run as the primary unit and allow time to rebuild the other unit so it can be available to switch over to in an emergency.

Number: 23-06

Project Name: Nunes WTP – Existing Sedimentation Basin Rehabilitation

Category: Water Treatment Plants

Budget: $300,000

Description: With the addition of a new sedimentation basin as part of the Nunes Water Treatment Plant Improvements Project, staff will be able to drain and inspect the original sedimentation basin and evaluate the need for repair and rehabilitation.

Number: 23-07

Project Name: Denniston WTP – Contact Clarifier Hatch Replacements

Category: Water Treatment Plants

Budget: $75,000

Description: Denniston treatment plant has two Contact Clarifiers that lower the turbidity before filtration. These pressure vessels started to develop access hatch leaks that are not repairable unless they are welded shut. This funds the replacement of the access hatches with more durable and longer lasting hatches.

Number: NN-NN

Project Name: Denniston Water Treatment Plant Improvement Project

Category: Water Treatment Plants

Budget: $4,000,000

Description: This project (planned for FY 29/30) includes filter upgrades/replacements, solids handling improvements and general improvements to the Water Treatment Plant in order to maximize use of the District's existing water rights in the watershed.
