Project #	Project Name	Status	Projected FY 24/25 to FY 33/34 Total	FY 24/25	FY 25/26	FY26/27	FY27/28	FY28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	Projected FY 24/25 to FY 33/34 Total
Equipment Purchase & Replacement														
06-03	SCADA	Ongoing	$ 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	Concept	$ 500,000					$ 500,000						$ 500,000
99-02	Vehicle Fleet Replacement	Ongoing	$ 500,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000
	Equipment Purchase & Replacement Totals		**$ 1,500,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 600,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 100,000**	**$ 1,500,000**
Facilities & Maintenance														
09-09	Fire Hydrant Upgrades	Ongoing	$ 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
23-13	Pilarcitos Canyon Culvert Replacement/Slide Repairs (January 2023 storm damage)	Design/Permitting	$ 400,000	$ 400,000										$ 400,000
99-01	Meters	Ongoing	$ 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		**$ 1,900,000**	**$ 550,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 1,900,000**
Pipeline Projects														
14-01	Highway 92 Treated Water Pipeline Replacement (replacement of welded steel pipe)	Design/Permitting	$ 6,900,000	$ 3,000,000	$ 200,000	$ 200,000	$ 3,500,000							$ 6,900,000
14-33	Miramar Neighborhood Pipeline Replacement (replacement of cast iron pipe)	Concept	$ 2,500,000						$ 1,000,000	$ 1,500,000				$ 2,500,000
16-09	Miramar Pipeline Loop (to loop dead ends off of Magellan/Alameda/Medio neighborhood)	Feasibility	$ 600,000			$ 600,000								$ 600,000
18-01	Pine/Willow/Oak Pipeline Replacement (replacement of cast iron pipe)	Bid Ready	$ 2,500,000					$ 2,500,000						$ 2,500,000
21-01	Pipeline Replacement Projects: Alcatraz and Santa Rosa Aves/Redondo Beach Loop/Ocean Colony	Design	$ 900,000	$ 400,000	$ 500,000									$ 900,000
21-09	Upper Miramar Pipeline Replacement	Concept	$ 500,000					$ 500,000						$ 500,000
22-01	Miramontes Point Road Pipeline Replacement	Design	$ 3,800,000						$ 2,300,000	$ 1,500,000				$ 3,800,000
23-01	Seahaven/Spindrift Neighborhood Pipeline Replacement (replacement of cast iron pipe and install pressure reducing valve)	Concept	$ 2,000,000								$ 2,000,000			$ 2,000,000
23-02	Poplar Street Pipeline Replacement (west side of Hwy 1 - replacement of cast iron pipe)	Concept	$ 2,000,000									$ 2,000,000		$ 2,000,000
25-01	Kehoe Neighborhood Pipeline Replacement (replacement of cast iron pipe)	Concept	$ 3,000,000										$ 3,000,000	$ 3,000,000
NN-00	Unscheduled CIP	Concept	$ 1,000,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,000,000
	Pipeline Projects Totals		**$ 25,700,000**	**$ 3,500,000**	**$ 800,000**	**$ 900,000**	**$ 3,600,000**	**$ 3,100,000**	**$ 3,400,000**	**$ 3,100,000**	**$ 2,100,000**	**$ 2,100,000**	**$ 3,100,000**	**$ 25,700,000**
Pump Stations/Tanks/Wells														
21-07	Carter Hill Tank Improvement Project (Phase I to begin FY24/25 -includes replacement of (2) steel tanks with (1) 2.1MG prestressed concrete tank. Phase II - to occur FY30/31 includes replacement of Tank #3 with a 3MG prestressed concrete tank.)	Bid Ready (Phase I)	$ 19,900,000	$ 4,000,000	$ 5,400,000					$ 500,000	$ 5,000,000	$ 5,000,000		$ 19,900,000
08-14	Alves Tank Rehabilitation/Replacement Project	Concept	$ 3,000,000					$ 1,000,000	$ 2,000,000					$ 3,000,000
19-01	EG#1 Tank Site - New Pump Station Project	Feasibility	$ 1,000,000			$ 1,000,000								$ 1,000,000
14-33	Miramar Tank Rehabilitation	Concept	$ 200,000				$ 200,000							$ 200,000
08-16	Cahill Tank Exterior Recoat	Feasibility	$ 200,000		$ 200,000									$ 200,000
20-16	Denniston Tank Exterior Recoat	Feasibility	$ 200,000		$ 200,000									$ 200,000
09-18	Upper Pilarcitos Well Field Replacements	Concept	$ 500,000			$ 500,000								$ 500,000
16-08	Denniston Well Field Replacements	Feasibility	$ 950,000	$ 450,000						$ 500,000				$ 950,000

Project #	Project Name	Status	Projected FY 24/25 to FY 33/34 Total	FY 24/25	FY 25/26	FY26/27	FY27/28	FY28/29	FY 29/30	FY 30/31	FY 31/32	FY 32/33	FY 33/34	Projected FY 24/25 to FY 33/34 Total
21-03	CSP Pump #3 Replacement	Bid Ready	$ 250,000			$ 250,000								$ 250,000
23-11	CSP Screens - Intake Valves	Feasibility	$ 300,000	$ 50,000		$ 250,000								$ 300,000
19-05	Tanks - THM Control	Ongoing	$ 50,000	$ 50,000										$ 50,000
	Pump Stations/Tanks/Wells Totals		**$ 26,550,000**	**$ 4,550,000**	**$ 5,800,000**	**$ 2,000,000**	**$ 200,000**	**$ 1,000,000**	**$ 2,000,000**	**$ 1,000,000**	**$ 5,000,000**	**$ 5,000,000**	**$ -**	**$ 26,550,000**
Water Supply Development														
12-12	San Vicente/Denniston Water Supply Project	Design/Ongoing	$ 3,800,000	$ 2,000,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 3,800,000
13-04	Denniston Reservoir Restoration	Concept	$ 2,000,000								$ 2,000,000			$ 2,000,000
23-04	Lower Pilarcitos Well Development	Concept	$ 2,850,000		$ 100,000	$ 250,000	$ 250,000	$ 250,000	$ 2,000,000					$ 2,850,000
25-02	Denniston Sluice Gates	Concept	$ 300,000	$ 50,000	$ 250,000									$ 300,000
	Water Supply Development Totals		**$ 8,950,000**	**$ 2,050,000**	**$ 550,000**	**$ 450,000**	**$ 450,000**	**$ 450,000**	**$ 2,200,000**	**$ 200,000**	**$ 2,200,000**	**$ 200,000**	**$ 200,000**	**$ 8,950,000**
Water Treatment Plants														
23-05	Sodium Hypochlorite Generator Replacement (Nunes)	Bid Ready	$ 200,000	$ 200,000										$ 200,000
23-06	Existing Sedimentation Basin Rehabilitation	Concept	$ 300,000	$ 300,000										$ 300,000
23-07	Denniston Contact Clarifier Hatch Replacements	Bid Ready	$ 75,000			$ 75,000								$ 75,000
NN-00	Denniston Water Treatment Plant Improvement Project	Concept	$ 4,000,000							$ 4,000,000				$ 4,000,000
	Water Treatment Plants Totals		**$ 4,575,000**	**$ 500,000**	**$ -**	**$ 75,000**	**$ -**	**$ -**	**$ -**	**$ 4,000,000**	**$ -**	**$ -**	**$ -**	**$ 4,575,000**
	GRAND TOTAL		**$ 69,175,000**	**$ 11,250,000**	**$ 7,400,000**	**$ 3,675,000**	**$ 4,500,000**	**$ 5,300,000**	**$ 7,850,000**	**$ 8,550,000**	**$ 9,550,000**	**$ 7,550,000**	**$ 3,550,000**	**$ 69,175,000**

Status Key:
Ongoing: Ongoing Project
Concept: Not Yet Started
Feasibility: Feasibility Study in Process
Design/Permitting: In Engineering Design/Permitting
Bid Ready: Bid Set Prepared/Ready for Construction
Construction: Under Construction

Coastside County Water District

Category: Equipment Purchase & Replacement

Number: 06-03

Project Name: SCADA/Telemetry/Electrical Controls Replacement

Budget: $500,000 ($50,000 annually)

Status/Timing: Ongoing

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

Status: Concept (Specifications TBD)

Timing: FY 28/29

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: $500,000 ($50,000 annually)

Status/Timing: Ongoing

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 and considers evolving regulatory requirements from the State's Air Resources Board. The schedule plans for a replacement of one vehicle every year.

Coastside County Water District

Category: Facilities Maintenance

Number: 09-09

Project Name: Fire Hydrant Upgrades

Category: Facilities Maintenance

Budget: $1,400,000 ($140,000 annually)

Status/Timing: Ongoing

Description: This project provides continuing funding for upgrades of fire hydrants. 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: Meters

Category: Facilities Maintenance

Budget: $100,000 ($10,000 annually)

Status/Timing: Ongoing

Description: The budget provides for ongoing replacement of larger meters (2" and above.)

Number: 23-13

Project Name: Pilarcitos Canyon Culvert Replacement and Road Repair Project

Category: Facilities Maintenance

Budget: $400,000

Status: In Design/Permitting

Timing: FY 24/25

Description: During the Dec 2022/Jan 2023 storm event, the District sustained significant damage in Pilarcitos Canyon to the existing road. Five areas of concern were identified including (2) slides next to the District's pipeline on a portion of the road located on the SFPUC property, (1) side area and (1) "slump" area on the District's road and damage to a culvert crossing. The District plans to use the Hilfiker slope repair technique utilized in slope repairs by SFPUC in the watershed. Depending on completion of permitting, work with occur in Spring of 2025.

Category: Pipeline Projects

Number: 14-01

Project Name: Highway 92 Treated Water Pipeline Replacement(Replacement of Welded Steel Line)

Category: Pipeline Projects

Budget: $6,900,000

Status: Permitting/Easement Acquisition; Phase I Design is Complete/Bid Ready

Timing: FY 24/25 (constraints due to property owner business restrictions and environmental timing restrictions)

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.

Phase I: (Estimated at $3,000,000.) 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. Phase I of the project involves 1) installation of a permanent replacement pipeline north of Sun Studios to include 1,015 linear feet of new 10-inch ductile iron pipe (DIP) installed by open trench construction and 1,090 linear feet of 12-inch high density polyethylene pipe (HDPE) installed at two creek crossings by horizontal drilling (HDD); and 2) installation of a new pipeline from Pastorino Pumpkin Farms to Sun Studios including 2,790 linear feet of DIP and 390 linear feet installed at the Corinda Los Trancos Creek crossing.

Phase II: (Estimated at $3,900,000). Includes replacement of other sections of the Highway 92 welded steel pipeline not included in Phase I.

Number: 14-33

Project Name: Miramar Cast Iron Pipeline Replacement

Category: Pipeline Projects

Budget: $2,500,000

Status: Concept

Timing: FY 29/30 to FY30/31

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: Miramar Pipeline Loop (to loop dead ends off Magellan/Alameda/Medio neighborhood

Category: Pipeline Projects

Budget: $600,000

Status: In Design/Permitting

Timing: FY 26/27 (but may be moved up)

Description: This project is the second phase of a project completed in FY23/24 in the Miramar neighborhood. Project involves the 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: 18-01

Project Name: Pine Willow Oak Pipeline Replacement Project (replacement of cast iron pipe)

Category: Pipeline Projects

Budget: $2,500,000

Status: Bid Ready

Timing: FY 28/29

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 1960's 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: Pipeline Replacement Projects: Alcatraz and Santa Rosa Ave/Redondo Beach Loop/Ocean Colony

Category: Pipeline Projects

Budget: $900,000

Status: In Design

Timing: FY24/25 and FY 25/26

Description: This project includes two areas in the District with aging infrastructure that require pipeline replacement. In the Miramar neighborhood, staff recently discovered a galvanized steel pipe that runs between Alcatraz Avenue and Santa Rosa Avenue. The work includes replacing 235 linear feet of 6-inch cast iron pipe (CIP) with new ductile iron pipe (DIP) on Alcatraz Avenue and replacing 285 linear feet of 6-inch CIP with DIP on Santa Rosa Avenue. New blowoff assemblies with be installed on Alcatraz Avenue and Santa Rosa Avenue, and the 2" galvanized steel pipe will be abandoned in place.

In the Ocean Colony neighborhood, an existing CIP pipeline crosses through fairways on Holes 10 and 16. The proposed project provides for abandoning this pipeline that crosses through the golf course and abandoning a pipeline that runs between two adjacent residential properties located on St. Andrews Lane and Redondo Beach Road. A new loop would be created by installing 150 linear feet of new DIP pipe on Redondo Beach Road and 65 linear feet of new DIP on St. Andrews Lane. (See Figure 2 in the EKI proposal.) EKI has modeled the new configuration and there will be no adverse impacts to fire flows.

Number: 21-09

Project Name: Upper Miramar Pipeline Replacement

Category: Pipeline Projects

Budget: $500,000

Status: Concept

Timing: FY 28/29

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

Status: In Design

Timing: FY 29/30 and FY 30/31

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

Status: Concept

Timing: FY 31/32

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

Number: 23-02

Project Name: Poplar Street Pipeline Replacement

Category: Pipeline Projects

Budget: $2,000,000

Status: Concept

Timing: FY 32/33

Description:

In FY24/25 the City of Half Moon Bay is installing a “Traffic Calming and Safety Project” on Poplar Street on the east side of Highway 1. In anticipation of that project, the District replaced 815 feet of 6” cast iron pipe with ductile iron pipe. 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 includes replacing approximately 2,000 feet of cast iron pipe to be completed in conjunction with the City’s project.

Number: 25-01

Project Name: Kehoe Neighborhood Pipeline Replacement

Category: Pipeline Projects

Budget: $3,000,000

Status: Concept

Timing: FY33/34

Description:

The Kehoe neighborhood was built in the 1960's, has 6" cast iron pipelines, and is in a high pressure area. In 2019, the District installed three new pressure reducing valve stations that enabled the District to reduce pressure to the neighborhood and extend the life of the mains for many years. This project involves future replacement of the 6" cast iron mains with ductile iron pipe.

Category: Pump Stations/Tanks/Wells

Number: 21-07

Project Name: Carter Hill Tank Improvement Project

Category: Pump Stations/Tanks/Wells

Budget: $19,900,000

Status: Tanks 1 &2 - Bid Ready; Tank 3 – Concept

Timing: Tanks 1&2 - FY24/25 to FY25/26; Tank 3 – FY31/32 to FY32/33

Description: There are three welded steel water storage tanks located below Nunes Water Treatment Plant which were constructed over 60 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 Fall 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, and the tank selected is DN Tank, a leader in concrete tank design. The second tank project is projected to start construction in FY31/32 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: $4,600,000

Status: Concept

Timing: Various

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

19-01 El Granada Tank #1: Tank is drained and not operational. Plan is to demolish the tank and replace with a new pump station.

Number: 09-18

Project Name: Upper Pilarcitos Well Field Improvements

Category: Pump Stations/Tanks/Wells

Budget: $500,000

Status: Concept

Timing: FY 26/27

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: $950,000

Status: Feasibility/Permitting

Timing: FY24/25 Phase 1; FY 30/31 Phase 2

Description: The District currently has 2 active and 6 inactive wells in the Denniston Terrace deposits. These wells are in need of replacement or rehabilitation. Additional groundwater could extend the operating period of the Denniston WTP. The District is currently reviewing the feasibility of drilling new wells and the requirements of the permitting agencies.

Number: 21-03

Project Name: CSP Pump #3 Replacement

Category: Pump Stations/Tanks/Wells

Budget: $250,000

Status: Bid Ready

Timing: FY26/27

Description: The District has three pumps at the Crystal Springs Pump Station (CSP): **t**wo 350 Hp pumps and one 500 Hp pump. 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: $300,000

Status: Feasibility

Timing: Study in FY 24/25; Installation in FY 26/27

Description: Raw water from the Crystal Springs Pump Station enters the facility through two screened inlets that sit at different depths in the Crystal Springs Reservoir. In the late 2000's, the actuated valves on these screens were removed due 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 includes 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

Status: Ongoing

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: $3,800,000

Status: Design/Permitting

Timing: Ongoing

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: $2,000,000

Status: Concept

Timing: FY 31/32

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: 23-04

Project Name: Lower Pilarcitos Well Development

Category: Water Supply Development

Budget: $2,850,000

Status: Concept

Timing: Ongoing

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.

_____.

Number: 25-02

Project Name: Denniston Sluice Gate

Category: Water Supply Development

Budget: $300,000

Status: Concept

Timing: FY 24/25: Design; FY 25/26: Construction

Description: This project includes replacement of the current gate at Denniston Reservoir with a sluice gate to allow for improved safety and operator control of reservoir releases.

Category: Water Treatment Plants

Number: 23-05

Project Name: Sodium Hypochlorite Generator Replacement (Nunes)

Category: Water Treatment Plants

Budget: $200,000

Status: Bid Ready

Timing: FY24/25

Description: The existing Nunes Hypochlorite Generation system was installed in 2010 as part of the chemical delivery system upgrades. This project involves the installation of another completely 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. This project was designed in FY23/24 and the unit was ordered and received. This budget includes the costs of installing the new system.

Number: 23-06

Project Name: Nunes WTP – Existing Sedimentation Basin Rehabilitation

Category: Water Treatment Plants

Budget: $300,000

Status: Design

Timing: FY 24/25

Description: With the addition of a new sedimentation basin as part of the Nunes Water Treatment Plant Improvements Project, the District now has redundancy in the sedimentation process. In June 2024 staff drained the original sedimentation basin and will be inspecting and evaluating the need for repair and rehabilitation of the original basin.

Number: 23-07

Project Name: Denniston WTP – Contact Clarifier Hatch Replacements

Category: Water Treatment Plants

Budget: $75,000

Status: Bid Ready

Timing: by FY 26/27 (may be moved to FY 24/25)

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

Status: Concept

Timing: FY 30/31

Description: This project 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.
