

PINOLE/HERCULES WASTEWATER SUBCOMMITTEE



MAY 25, 2023 AT 8:30 A.M.

Attend in Person: PINOLE CITY COUNCIL CHAMBERS - 2131 PEAR STREET

SUBMIT PUBLIC COMMENTS TO PUBLIC WORKS DIRECTOR / CITY ENGINEER BEFORE OR DURING THE MEETING VIA EMAIL: smishra@ci.pinole.ca.us

Comments received before the close of the public comment period for that item will be read into the record and limited to 3 minutes. Please include your full name, city of residence and agenda item you are commenting on. Any comments received after the close of the public comment period will be distributed to Committee Members and relevant Staff after the meeting and filed with the agenda packet.

AGENDA

- 1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE
- 2. ROLL CALL
- 3. APPROVAL OF MINUTES OF THE JUNE 2, 2022 MEETING
- 4. CITIZENS TO BE HEARD FOR ITEMS NOT ON THE AGENDA
- 5. WATER POLLUTION CONTROL PLANT (WPCP) OPERATIONS REPORT
- 6. FISCAL YEAR (FY) 2023-24 BUDGET
 - i. WPCP OPERATING BUDGET
 - ii. WPCP CAPITAL BUDGET
- 7. NEW CONNECTIONS
 - i. PINOLE (VERBAL)
 - ii. HERCULES (VERBAL)
- 8. ADJOURN TO THE REGULAR SUBCOMMITTEE MEETING OF SEPTEMBER 7, 2023

WASTEWATER SUBCOMMITTEE MEETING MINUTES

June 2, 2022

1. CALL TO ORDER & PLEDGE OF ALLEGIANCE IN HONOR OF THE US MILITARY TROOPS

The Subcommittee Meeting was held via a Zoom videoconference and broadcast from the Pinole Council Chambers, 2131 Pear Street, Pinole, California. Council Member Anthony Tave Chaired the meeting and called the Subcommittee Meeting to order at 8:36 AM and led the Pledge of Allegiance.

2. ROLL CALL & STATEMENT OF CONFLICT

A. COUNCILMEMBERS PRESENT Anthony Tave, Council Member – City of Pinole Maureen Toms, Council Member – City of Pinole

Dan Romero, Council Member- City of Hercules

COUNCILMEMBERS ABSENT

Tiffany Grimsley, Council Member- City of Hercules

B. STAFF PRESENT

B. SHATTRESERT	
City of Pinole	City of Hercules
Andrew Murray, City Manager	Dante Hall, City Manager
Sanjay Mishra, Public Works Director	Mike Roberts, Public Works Director
Josh Binder, Plant Manager	

No Subcommittee members reported any conflicts.

3 APPROVAL OF MINUTES OF THE MARCH 3, 2022 MEETING

Council Member Romero made a motion to approve.

Council Member Toms seconded the motion to approve.

The Subcommittee unanimously approved the minutes.

4. CITIZENS TO BE HEARD (Public Comments)

PUBLIC COMMENTS OPENED for Item #3 No public comments were made. PUBLIC COMMENTS CLOSED for Item #3

5. WATER POLLUTION CONTROL PLANT (WPCP) OPERATIONS REPORT

Plant Manger Binder presented the Operation's Report for the period of January to March of 2022, which covered monthly flow data, monthly performance indicators, and project updates.

Council Member Toms asked to clarify the coliform number for the month of January.

City Manager Murray and Plant Manager Binder clarified that the coliform result for January was 50.

City Manager Murray requested an asterisk be used to note that coliform analysis is performed once per quarter.

Council Member Romero requested a legend defining the various water quality analyses included in the Key Performance Indicators to help the public better understand what is being presented.

Council Member Romero asked if the recent WWTP upgrade project had yielded better results of the Key Performance Indicators.

Plant Manager Binder said he would get back to Council Member Romero after doing some historical research.

Plant Manager Binder provided project updates.

Council Member Romero asked whether a women's locker room existed prior to this project and if not, he would like it to be considered a capital improvement project.

Council Member Romero asked that staff seek a warranty credit from the contractor for the required repairs made to the plant water system.

Council Member Romero stated that the council members were told that the treatment plant was supposed use less chemicals after the treatment plant upgrade and would like more information on whether that is the case or not.

6. FISCAL YEAR (FY) 2022-23 BUDGET

Director Mishra presented the budget for Fiscal Year 2022/23.

Council Member Romero asked multiple questions regarding budget items relating to training, a centrifuge feed pump, energy recovery building roof, miscellaneous plant improvements, and effluent outfall project design. He would like more information about the miscellaneous plant improvements and the effluent outfall project design.

Director Mishra responded to Council Member Romero's question regarding training in that the required driver training was related to work for the treatment plant and not for other City of Pinole services.

Plant Manager Binder responded to Council Member Romero's questions regarding the centrifuge feed pump in that it was not included in the last upgrade project, the energy recovery building roof was constructed in the 1980's, the list of miscellaneous plant improvements will be shared, and the effluent outfall project was related to increasing the pipe size to reduce operating pressure and increase capacity.

Director Mishra presented the capital improvement section of the budget.

Council Member Toms requested the layout for this section to have an asterisk or other indicator to reflect a shared cost between Pinole and Hercules.

7. NEW CONNECTIONS

No New connections were reported by Pinole or Hercules.

PUBLIC COMMENTS OPENED No Public comments PUBLIC COMMENTS CLOSED

8. ADJOURNMENT to the next meeting on September 1, 2022.

At 9:25AM Chair Anthony Tave adjourned the meeting to the Wastewater Subcommittee Meeting on September 1, 2022.

Approved by Wastewater Subcommittee Meeting: September 1, 2022

PINOLE-HERCULES WASTEWATER SUBCOMMITTEE



May 25, 2023

Josh Binder, Plant Manager







Topics will include:

- 1. Monthly Flow Data
- 2. Monthly Performance Indicators
- 3. Project Updates
- 4. Recent Activity
- 5. Chemical Usage Analysis

Monthly Flow Data

Hercules right to use: 2.27 MGD* Pinole right to use: 1.79 MGD* * Average Dry Weather Flow

HERCULES Flow	v — January 2023	Gallons	HERCULES Flow	- February 2023	Gallons	HERCULES Flov	w - March 2023	Gallons
Minimum	0.58	580,000	Minimum	1.36	1,360,000	Minimum	1.69	1,690,000
Average (MGD)	2.31	2,305,000	Average (MGD)	1.54	1,540,000	Average (MGD)	2.17	2,170,000
Maximum	5.03	5,030,000	Maximum	2.14	2,140,000	Maximum	3.27	3,270,000
Total	71.45 [40%]	71,450,000	Total	43.04 [43%]	43,040,000	Total	67.12 [39%]	67,120,000
PINOLE Flow -	- January 2023	Gallons	PINOLE Flow -	February 2023	Gallons	PINOLE Flow	- March 2023	Gallons
Minimum	1.17	1,170,000	Minimum	1.60	1,600,000	Minimum	2.24	2,240,000
Average (MGD)	3.41	3,410,000	Average (MGD)	2.06	2,060,000	Average (MGD)	3.40	3,400,000
Maximum	10.34	10,340,000	Maximum	3.80	3,800,000	Maximum	7.39	7,390,000

Monthly Performance Indicator Definitions

- <u>Carbonaceous Biochemical Oxygen Demand (cBOD)</u> Measures dissolved oxygen depletion from organic carbon-containing compounds.
- <u>Total Suspended Solids (TSS)</u> The dry weight of suspended particles that can be trapped by a filter.
- <u>Coliform</u> A group of bacteria that can be found in the intestinal tract of humans and animals. It's used as an indicator organism to measure the presence of potential disease causing bacteria.
- <u>Enterococcus</u> An indicator organism used to measure the presence of fecal matter in water.
- <u>Ammonia</u> A key nutrient in the wastewater nitrification process but is toxic to fish and other aquatic life at higher concentrations.

Monthly Performance Indicators

	January	2023 PERFO	RMANCE IN	DICATORS	
PARAMETER	UNIT		INFLUENT AVERAGE		% REMOVAL
cBOD	mg/L	25	157	6.95	96
TSS	mg/L	30	178	10.07	94
Coliform	MPN	240	>>	216	>>
Enterococcus	MPN	35	>>	17.4	\geq
Ammonia	mg/L	110	$>\!$	28	$>\!$

	March a	2023 PERFOR		DICATORS	
PARAMETER	UNIT		INFLUENT AVERAGE	EFFLUENT AVERAGE	% REMOVAL
cBOD	mg/L	25	149	6.62	96
TSS	mg/L	30	150	8.36	94
Coliform	MPN	240	>>	60	>>
Enterococcus	MPN	35	>>	14.7	>>
Ammonia	mg/L	110	\nearrow	26	>

	February	/ 2023 PERFC	RMANCE IN	DICATORS	
PARAMETER	UNIT		INFLUENT AVERAGE		% REMOVAL
cBOD	mg/L	25	236	10.47	96
TSS	mg/L	30	223	12.03	95
Coliform	MPN	240	>>	79	>>
Enterococcus	MPN	35	>>	21.3	>>
Ammonia	mg/L	110	\nearrow	36	

- Effluent Coliform sampling is performed January, April, July and October.
- Influent Ammonia sampling is performed in June and November.

05/25/23

Project Updates

- Diesel Storage Tank Replacement Completed
- Digester Cleaning (2) Completed
- Effluent Pipe Air Relief Valve Replacements (3) Under Contract (\$27,600)
- Women's Locker Room Completed
- WWTP Operations & Maintenance Manual In Progress

• Diesel Storage Tank Replacement Project Completed



7

• Diesel Storage Tank Replacement Project Completed



05/25/23

• Digester Cleaning Project Completed



05/25/23

• Digester Cleaning Project Completed



• Women's Locker Room Project Completed



• Women's Locker Room Project Completed



Chemical Usage Analysis

Year	Month	Chlorine	Sodium Bisulfite	Ferric Chloride	Polymer 8846	Polymer 7879
2016	April	12286	10204	1380		
	May	11840	11531	1620		
	June	14245	13146	1660		
	Total	38371	34881	4660	3	8.5
2021	April	9128	10182	1237		
	May	11066	9666	715		
	June	9678	9705	846		
	Total	29872	29553	2798	3.75	5.75
2022	April	4448	4395	187		
	May	5024	4175	230		
	June	6055	4449	218		
	Total	15527	13019	635	3.5	4.25

2016 – Prior to Plant Upgrades Project

2021 – After Plant Upgrades Project

2022 – After New Disinfection System Upgrades

Chemical usage in gallons, EXCEPT polymer is pre-packaged tote bins

SEWER ENTERPRISE FUND - 500 SEWER TREATMENT PLANT - 641

EXPENDITURE SUMMARY

	FY 2020/21 Actual	FY 2021/22 Actual	FY 2022/23 Actual Thru Mar-23	FY 2022/23 Revised Budget	FY 2023/24 Proposed Budget	Prop to Rev \$ Change	Prop to Rev % Change
Personnel							
Salaries & Wages - 401	741,861	878,466	888,010	1,088,962	1,307,576	218,614	17%
Overtime - 402	29,534	30,180	26,271	36,010	36,476	466	1%
Employee Benefits - 410	837,547	1,025,647	475,733	547,954	622,392	74,438	12%
Total Personnel	1,608,943	1,934,293	1,390,014	1,672,926	1,966,444	293,518	15%
Services and Supplies							
Professional & Administrative Services - 42	348,643	194,110	117,017	373.000	376,814	3,814	1%
Other Operating Expenses - 43	736,747	827,105	583,167	630,000	710,000	80,000	11%
Materials & Supplies - 44	737,165	924,111	744,021	1,494,000	1,479,000	(15,000)	-1%
Total Services and Supplies	1,822,556	1,945,326	1,444,204	2,497,000	2,565,814	68,814	3%
Capital Outlay Asset Acquisition/Improvement - 47* Total Capital Outlay	172,459 172,459	604 604	116,967 116,967	1,365,382 1, 365,382	1,295,000 1, 295,000	(70,382) (70,382)	-5% - 5%
Indirect Cost Allocations							
Administrative Debits - 46122	276,932	303,060	163,728	257,116	285,041	27,925	10%
IS Charges - 46124	29,901	33,067	32,826	77,577	80,986	3,409	4%
Legal Charges - 46126	5,997	1,577	-	15,000	15,000	-	0%
General Liability Insurance - 46201	48,175	61,893	69,389	64,370	95,648	31,278	33%
Total Indirect Cost Allocations	361,005	399,597	265,943	414,063	476,675	62,612	13%
Depreciation							
Depreciation Expense - 47401	394,657	438,859	108,435	340,000	340,000	-	0%
Total Depreciation	394,657	438,859	108,435	340,000	340,000	-	0%
Total *See CIP	4,359,619	4,718,679	3,325,563	6,289,371	6,643,933	354,562	5%

MAJOR NON-PERSONNEL EXPENSE DETAILS

			F١	(2022/23	F	Y 2023/24	
42101 Professional Services			\$	85,000	\$	85,814	
Engineering contract services	\$	50,000	Ŷ	00,000	Ŷ	00,011	
PCTV quarterly subcommittee meeting		5,000					
Railroad Ave. bridge right of way study		30,000					
RO2102 Tennent Ave. Rehabilitation		814					
42107 Equipment Maintenance			\$	110,000	\$	110,000	
Equipment service	\$	110,000					
42108 Maintenance Structure/Imp			\$	78,000	\$	78,000	
Janitorial services	\$	10,000					
Various structure refurbishment		68,000					
42109 Compliance Inspections			\$	35,000	\$	35,000	
Laboratory supplies and safety equipment	\$	15,000					
Public outreach materials		10,000					
Sampling analysis		10,000					
42201 Office Expense			\$	7,000	\$	7,000	
Miscellaneous office supplies	\$	7,000					
4230X Travel and Training			\$	28,000	\$	31,000	
42301 State Certified operators training	\$	7,000					
42301 Class B Driver License Training		20,000					
42302 Mileage, Air		3,000					
42303 Meal Allowance		1,000					
42401 Memberships			\$	20,000	\$	20,000	
Bay Area Clean Water Assoc.(BACWA)	\$	12,000					
Joint CWEA/WEF membership		4,000					
Technical publications		4,000					
42511 Equipment Rental			\$	10,000	\$	10,000	
	\$	10,000					
	Total Professional/Administrat	ive Servic	es				\$ 376,814
4310X Utilities	*	700.000	\$	630,000	\$	710,000	
PG&E	\$	700,000					
EBMUD		10,000					
	Total Other Operating Expense	es					\$ 710,000

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						-	dgets - Public Works
44301 Fuel			\$	10,000		20,000	- 3
			-				
44302 Sludge Removal			\$	280,000	\$	250,000	
Digester Cleaning	\$	250,000	- ¥	200,000	Ψ	200,000	
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44303 Chemicals	¢	750.000	\$	750,000	\$	750,000	
Chemicals for Plant Operations	\$	750,000					
44304 Permit Fees			\$	129,000	\$	129,000	
BAAQMD	\$	16,000					
BACQA		16,000					
NPDES permit fee renewal		75,000					
Regional Monitoring of Metals (SFEI)		22,000					
44305 Laboratory Operations			\$	100,000	\$	100,000	
Accelerated Chronic Toxinicy Testing	\$	15,000					
Laboratory supplies		85,000					
44306 Maintenance Supplies			\$	200,000	\$	200,000	
	\$	200,000					
44410 Safety Clothing			\$	25,000	\$	30,000	
Laundry service for uniforms, safety shoes/boots, gloves, etc.	\$	30,000					
Total Materials and Su	upplies						\$ 1,479,000
47101 Equipment	¢	240.000	\$	340,000	\$	340,000	
Depreciation- Pinole only	\$	340,000					
			•		•		
47104 Vehicles WPCP Staff Vehicle	\$	50,000	\$	125,000	\$	175,000	
Portable self priming pump	Ψ	125,000					
		120,000					
47201 Improvements/Building		05 000	\$ ^	1,230,000	\$ ⁻	1,120,000	
As-Built WWTP Drawings		25,000					
Boiler Rehabilitation		45,000					
Centrifuge Feed Pump Replacement		50,000					
Digester Feed Pump Replacement		75,000					
Energy Recovery Building and Admin Roof		80,000					
Misc. Plant Improvements		75,000					
SCADA System Upgrade		45,000					
SS2002 Water Pollution Control Plant Lab Remodel		100,000					
SS2101 Second Clarifier - Center Column Rehabilitation		425,000					
SS2102 Air Release Valve Replacement		50,000					
SS2203 Effluent Outfall Project Design		150,000					
47205 Improvements/Street			\$	10,382	\$	-	
RO2102 Tennent Ave. Rehabilitation		-	- *	-,	Ŧ		



CITY OF PINOLE CAPITAL IMPROVEMENT PLAN: FY 2023/24 THROUGH FY 2027/28 FUNDING SUMMARY

SOURCES BY FUND	F	Y 2023-24	F	Y 2024-25	F	Y 2025-26	F	Y 2026-27	F	Y 2027-28	5	-Year Total
100 - General Fund	\$	260,000	\$	480,000	\$	-	\$	-	\$	-	\$	740,000
106 - Measure S 2014	\$	2,948,376	\$	3,197,746	\$	500,000	\$	-	\$	-	\$	6,646,122
200 - Gas Tax	\$	428,910	\$	481,082	\$	-	\$	-	\$	-	\$	909,992
214 - Solid Waste	\$	125,000	\$	100,000	\$	100,000	\$	100,000	\$	-	\$	425,000
215 - Grant: TLC	\$	133,579	\$	-	\$	-	\$	-	\$	-	\$	133,579
215 - Grant: HSIP	\$	239,040	\$	-	\$	-	\$	-	\$	-	\$	239,040
215 - Grant: OBAG	\$	350,000	\$	-	\$	-	\$	-	\$	-	\$	350,000
276 - Growth Impact Fees	\$	1,003,000	\$	395,000	\$	-	\$	-	\$	-	\$	1,398,000
325 - City Street Improvements	\$	-	\$	417,321	\$	-	\$	-	\$	-	\$	417,321
325 - Grant: TDA Article 3	\$	129,400	\$	-	\$	-	\$	-	\$	-	\$	129,400
325 - Grant: STMP Fees	\$	1,643,889	\$	-	\$	-	\$	-	\$	-	\$	1,643,889
325 - Grant: HBP	\$	41,394	\$	-	\$	-	\$	-	\$	-	\$	41,394
377 - Arterial Streets Rehabilitation	\$	758,624	\$	-	\$	-	\$	-	\$	-	\$	758,624
500 - Sewer Enterprise Fund	\$	2,825,814	\$	3,160,597	\$	800,000	\$	3,800,000	\$	4,129,000	\$	14,715,411
Sources Total	\$	10,887,026	\$	8,231,746	\$	1,400,000	\$	3,900,000	\$	4,129,000	\$	28,547,772
Unfunded Total	\$	1,320,300	\$	28,950,000	\$	-	\$	-	\$	-	\$	30,270,300
Total Sources Required	\$	12,207,326	\$	37,181,746	\$	1,400,000	\$	3,900,000	\$	4,129,000	\$	58,818,072

			FA	CILITIES							
PRJ #	PROJECT	FY	2023-24	FY 2024-25		FY 2025-26	FY 2026-27	F	Y 2027-28	5	-Year Total
FA2302	Plum St. Parking Lot Improvements	\$	-	\$ 80,000	<u> </u>		\$-	\$	-	\$	80,000
A2301	Public Safety Building Modernization	\$	100,000	\$ 100,000	\$,	\$-	\$	-	\$	300,000
A2202	Senior Center Modernization	\$	160,000				\$ -	\$	-	\$	260,000
A1902	Energy Upgrades	\$,	\$ - \$ 000.746	\$		\$ -	\$	-	\$	150,000
FA1901 FA1703	Senior Center Auxiliary Parking Lot City Hall Modernization	\$ \$	405,085 125,000				\$ - \$ -	\$ \$	-	\$ \$	<u>1,327,831</u> 250,000
FA1703	Citywide Roof repairs and replacement	э \$	450,000	\$ 450,000			, -	\$		ֆ \$	900,000
17(1702		Ψ		PARKS	<u> </u>		Ŷ	1 Ψ		Ψ	
PRJ #	PROJECT	FY	2023-24	FY 2024-25		FY 2025-26	FY 2026-27	F	Y 2027-28	5	-Year Total
PA2301	Tree Mitigation	\$	75,000	\$ 75,000	\$	-	\$-	\$	-	\$	150,000
PA2202	Skatepark Rehabilitation	\$	-	\$ 150,000	_		\$ -	\$	-	\$	150,000
PA2201	Pocket Parks - Galbreth Rd.	\$	-	\$ 65,000	\$	-	\$ -	\$	-	\$	65,000
PA2101	Installation of high-capacity trash bins	\$	125,000	\$ 100,000	\$	100,000	\$ 100,000	\$	-	\$	425,000
PA1901	Pinole Valley Park Soccer Field Rehabilitation	\$	-	\$ 200,000	\$	-	\$-	\$	-	\$	200,000
			SANIT	ARY SEWER							
PRJ #	PROJECT	FY	2023-24	FY 2024-25		FY 2025-26	FY 2026-27	F	Y 2027-28	5	-Year Total
SS2203	Effulent Outfall*	\$	150,000		\$	-	\$ 3,000,000	,	-	\$	3,150,000
SS2201	Sanitary Sewer Rehabilitation	\$	1,500,000		\$		\$ 800,000		800,000	\$	4,700,000
SS2101	Secondary Clarifier - Center Column Rehabilitation*	\$	425,000		\$		\$-	\$	-	\$	425,000
SS2102	Air Release Valve Replacements*	\$	50,000		\$		\$ -	\$	-	\$	50,000
SS2002	Water Pollution Control Plant Lab Remodel*	\$	100,000		\$		\$-	\$	-	\$	100,000
SS1702	Sewer Pump Station Rehabilitation	\$	1,200,000	\$ 2,254,000	\$	-	\$-	\$	3,329,000	\$	6,783,000
			STO	RMWATER							
PRJ #	PROJECT	FY	2023-24	FY 2024-25		FY 2025-26	FY 2026-27	F	Y 2027-28	5	-Year Total
SW2001	Roble Road Drainage Improvements	\$	-	\$ 700,000	<u> </u>		\$ -	\$	-	\$	275,000
SW1901	Hazel Street Storm Drain Improvements	\$	558,000		\$	-	\$ -	\$	-	\$	250,000
			SIREE	TS & ROADS							
PRJ #	PROJECT		2023-24	FY 2024-25		FY 2025-26	FY 2026-27		Y 2027-28	-	-Year Total
RO2304	Safety Improvements at Tennent Ave./Pear & Plum	\$	110,000	· · · · · · · · · · · · · · · · · · ·	<u> </u>		\$-	\$	-	\$	910,000
RO2303	Pinole Smart Signals	\$	154,302		\$		\$-	\$	-	\$	154,302
RO2302	Safety Improvements on Arterial Roadways	\$	275,000		\$		\$-	\$	-	\$	275,000
RO2301	Road Rehabilitation	\$	-	\$ 250,000			\$ -	\$	-	\$	250,000
RO2107	Brandt St. Improvements	\$ \$	- 814	\$ 170,000 \$ 655,000			\$ - \$ -	\$ \$	-	\$ \$	170,000
RO2102 RO2101	Tennent Ave. Rehabilitation Arterial Rehabilitation	э \$	1,187,534		\$ \$		•	\$ \$	-	ծ \$	<u>655,814</u> 1,187,534
		φ	1,107,554	φ -	φ			-		գ \$	1,365,000
	Pedestrian Improvements at Tennent Ave. near R X R	\$	1 365 000		\$	_	s _				
RO1902	Pedestrian Improvements at Tennent Ave. near R X R Hazel Street Gan Closure (Sunnwiew)	\$	1,365,000	\$-	\$		<u>\$</u> -	\$			200.000
RO1902 RO1802	Hazel Street Gap Closure (Sunnyview)	\$	-	\$- \$200,000	\$	-	\$-	\$	-	\$	/
RO1902 RO1802 RO1714	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd.	\$	- 672,429	\$ - \$ 200,000 \$ -	\$	-	\$ - \$ -	\$ \$	-	\$ \$	672,429
RO1902 RO1802 RO1714 RO1710	Hazel Street Gap Closure (Sunnyview)	\$	-	\$ - \$ 200,000 \$ -	\$ \$ \$		\$-	\$	-	\$	672,429 30,774,162
RO1902 RO1802 RO1714 RO1710 RO1708	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 672,429 1,974,162 -	\$ - \$ 200,000 \$ - \$ 28,800,000	\$ \$ \$		\$ - \$ - \$ -	\$ \$ \$	-	\$	200,000 672,429 30,774,162 100,000
RO1902 RO1802 RO1714 RO1710 RO1708	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad	\$ \$ \$ \$ INI	- 672,429 1,974,162 -	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000	\$ \$ \$		\$ - \$ - \$ -	\$ \$ \$	-	ଓ ଓ ୫	672,429 30,774,162
RO1902 RO1802 RO1714 RO1710 RO1708 PRJ #	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements	\$ \$ \$ \$ INI	- 672,429 1,974,162 - FRASTRUCT	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI	\$ \$ \$	- - - - - - TS FY 2025-26	\$ - \$ - \$ -	\$ \$ \$	-	ଓ ଓ ୫	672,429 30,774,162 100,000
RO1902 RO1802 RO1714 RO1710	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements	\$ \$ \$ \$ INI	- 672,429 1,974,162 - FRASTRUCT 7 2023-24	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI FY 2024-25 \$ -	\$ \$ \$ \$ ENT	- - - - - - FY 2025-26 -	\$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$	- - - - Y 2027-28	\$ \$ \$ \$ 5	672,429 30,774,162 100,000 -Year Total 200,000
RO1902 RO1802 RO1714 RO1710 RO1708 PRJ # IN2301	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements ASSESSMENT Facilities & Real Estate Master Plan Energy Conservation, Generation, & Storage Assessment Emergency Power for Critical Facilities	\$ \$ \$ \$ INI FY \$	- 672,429 1,974,162 - FRASTRUCT 2023-24 200,000 50,000 30,000	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI FY 2024-25 \$ - \$ - \$ - \$ 170,000	\$ \$ \$ ENT	- - - - - - - - -	\$ - \$ - \$ - \$ - \$ - FY 2026-27 \$ -	\$ \$ \$ \$ F \$	- - - - Y 2027-28 -	\$ \$ \$ 5 \$	672,429 30,774,162 100,000 -Year Total
RO1902 RO1802 RO1714 RO1710 RO1708 PRJ # IN2301 IN2201 IN2201 IN2101 IN2102	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements ASSESSMENT Facilities & Real Estate Master Plan Energy Conservation, Generation, & Storage Assessment Emergency Power for Critical Facilities Municipal Broadband Feasibility	\$ \$ \$ \$ FY \$ \$ \$ \$ \$	- 672,429 1,974,162 - FRASTRUCT 200,000 50,000 30,000 60,000	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI FY 2024-25 \$ - \$ - \$ - \$ 170,000 \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - -	\$ - \$ - FY 2026-27 \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - Y 2027-28 - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	672,429 30,774,162 100,000 -Year Total 200,000 50,000 200,000 60,000
RO1902 RO1802 RO1714 RO1710 RO1708 PRJ # IN2301 IN2201 IN2201 IN2102 IN2103	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements ASSESSMENT Facilities & Real Estate Master Plan Energy Conservation, Generation, & Storage Assessment Emergency Power for Critical Facilities Municipal Broadband Feasibility Recycled Water Feasibility	\$ \$ \$ \$ FY \$ \$ \$ \$ \$ \$ \$ \$	- 672,429 1,974,162 - FRASTRUCT 200,000 50,000 50,000 60,000 60,000	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI FY 2024-25 \$ - \$ - \$ - \$ - \$ - \$ - \$ 170,000 \$ - \$ 140,000	\$ \$ \$ ENT \$ \$	- - - - - - - - - - -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - Y 2027-28 - - - -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	672,429 30,774,162 100,000 -Year Total 200,000 50,000 200,000 60,000 200,000
RO1902 RO1802 RO1714 RO1710 RO1708 PRJ # N2301 N2201 N2101 N2102 N2103 N2105	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements ASSESSMENT Facilities & Real Estate Master Plan Energy Conservation, Generation, & Storage Assessment Emergency Power for Critical Facilities Municipal Broadband Feasibility Recycled Water Feasibility Appian Way Complete Streets	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 672,429 1,974,162 - FRASTRUCT 200,000 50,000 50,000 30,000 60,000 60,000	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI FY 2024-25 \$ - \$ - \$ - \$ - \$ - \$ - \$ 170,000 \$ - \$ 140,000 \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - -	\$\$ \$\$ \$\$ \$\$	672,429 30,774,162 100,000 -Year Total 200,000 50,000 200,000 60,000 200,000 100,000
RO1902 RO1802 RO1714 RO1710 RO1708 PRJ # N2301 N2201 N2101 N2102 N2103 N2105 N2106	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements ASSESSMENT Facilities & Real Estate Master Plan Energy Conservation, Generation, & Storage Assessment Emergency Power for Critical Facilities Municipal Broadband Feasibility Recycled Water Feasibility Appian Way Complete Streets Active Transportation Plan	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 672,429 1,974,162 - FRASTRUCT 200,000 50,000 30,000 60,000 60,000 100,000 170,000	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI FY 2024-25 \$ - \$ - \$ - \$ - \$ - \$ - \$ 170,000 \$ - \$ 140,000 \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - Y 2027-28 - - - - - - - - - - - - - - - - - -	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3) (4) (4) (4) (5) (4) (4) (4) (4) (4) (5) (4) (672,429 30,774,162 100,000 -Year Total 200,000 50,000 200,000 60,000 200,000 100,000 170,000
RO1902 RO1802 RO1714 RO1710 RO1708 PRJ # IN2301 IN2201 IN2101 IN2102 IN2103 IN2105 IN2106 IN1703	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements ASSESSMENT Facilities & Real Estate Master Plan Energy Conservation, Generation, & Storage Assessment Emergency Power for Critical Facilities Municipal Broadband Feasibility Recycled Water Feasibility Appian Way Complete Streets Active Transportation Plan Storm Drainage Master Plan	\$ \$ \$ \$ FY \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 672,429 1,974,162 - FRASTRUCT 200,000 50,000 50,000 30,000 60,000 60,000 100,000 170,000 75,000	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI FY 2024-25 \$ - \$ - \$ - \$ - \$ - \$ 170,000 \$ - \$ 140,000 \$ - \$ - \$ - \$ - \$ 175,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	(3) (3) (3) (3) (3) (3) (3) (3) (3) (4) (4) (4) (5) (4) (4) (4) (4) (4) (5) (4) (672,429 30,774,162 100,000 -Year Total 200,000 50,000 200,000 60,000 200,000 100,000 170,000 250,000
RO1902 RO1802 RO1714 RO1710 RO1708 PRJ # IN2301 IN2201 IN2201 IN2101 IN2102	Hazel Street Gap Closure (Sunnyview) Safety Improvements at Appian Way & Marlesta Rd. San Pablo Ave. Bridge over BNSF Railroad Pinole Valley Road Improvements ASSESSMENT Facilities & Real Estate Master Plan Energy Conservation, Generation, & Storage Assessment Emergency Power for Critical Facilities Municipal Broadband Feasibility Recycled Water Feasibility Appian Way Complete Streets Active Transportation Plan	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 672,429 1,974,162 - FRASTRUCT 200,000 50,000 30,000 60,000 60,000 100,000 170,000	\$ - \$ 200,000 \$ - \$ 28,800,000 \$ 100,000 URE ASSESSMI FY 2024-25 \$ - \$ - \$ - \$ - \$ - \$ 170,000 \$ - \$ 140,000 \$ - \$ - \$ - \$ - \$ 175,000	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - Y 2027-28 - - - - - - - - - - - - - - - - - -	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3) (4) (4) (4) (4) (4) (672,429 30,774,162 100,000 -Year Total 200,000 50,000 200,000 60,000

LEGEND:

• Project numbers: **FA** = Facilities; **PA** = Parks; **SS** = Sanitary Sewer; **SW** = Storm Water; **RO** = Streets & Roads; **IN** = Infrastructure Assessments * Project cost to be split 50% with the City of Hercules

	Account	2023-24 Operating	2023-24 Capital Total
Category: 40 - SA	LARIES AND WAGES		
υ,	40101 - Salary & Wages/Full Time	\$ 1,258,056.00	\$ 1,258,056.00
	40102 - Salary & Wages/Part Time	15,314.00	15,314.00
	40103 - Salary & Wages/Vacation Leave	3,059.00	3,059.00
	40108 - Salary & Wages/Longevity Pay	2,447.00	2,447.00
	40201 - Overtime	34,500.00	34,500.00
	40202 - FLSA Overtime	1,976.00	1,976.00
	40302 - Other Pay/Stand By Pay	15,700.00	15,700.00
	40307 - Other Pay/Education Incentive	6,300.00	6,300.00
	40311 - Other Pay/Cell Phone	4,500.00	4,500.00
	40312 - Other Pay/Safety Equip	2,200.00	2,200.00
Category: 40 - SA	LARIES AND WAGES Total:	1,344,052.00	- 1,344,052.00
Category: 41 - EN	IPLOYEE BENEFITS		
	41001 - Emp Benefits/Medical-Active	194,052.00	194,052.00
	41002 - Emp Benefits/Dental	12,878.00	12,878.00
	41003 - Emp Benefits/Vision Care	2,457.00	2,457.00
	41004 - Emp Benefits/PERS Retirement	297,055.00	297,055.00
	41005 - Emp Benefits/Employee Assistance Prg	513.00	513.00
	41007 - Emp Benefits/Life-ADD	1,087.00	1,087.00
	41008 - Emp Benefits/Long Term Disability	2,897.00	2,897.00
	41009 - Emp Benefits/Workers Comp	89,608.00	89,608.00
	41010 - Emp Benefits/FICA - Medicare	19,489.00	19,489.00
	41011 - Emp Benefits/FICA - Soc Sec	949.00	949.00
	41012 - Emp Benefits/Unemployment Insurance	1,407.00	1,407.00
	41101 - Retiree Benefits/Medical-Retiree	-	-
	IPLOYEE BENEFITS Total:	622,392.00	- 622,392.00
Category: 41 - EN			
	OFESSIONAL/ADMINISTRATIVE SERVICES		
	OFESSIONAL/ADMINISTRATIVE SERVICES 42101 - Prof Svcs/Professional Service	85,814.00	85,814.00
		85,814.00 110,000.00	-
	42101 - Prof Svcs/Professional Service		110,000.00
	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance	110,000.00	110,000.00 78,000.00
	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance	110,000.00 78,000.00	110,000.00 78,000.00 35,000.00
	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense	110,000.00 78,000.00 35,000.00 7,000.00	110,000.00 78,000.00 35,000.00 7,000.00
	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00
	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00
	 42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage 42303 - Travel & Training/Meal Allowance 	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00
	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage 42303 - Travel & Training/Meal Allowance 42401 - Dues & Pub/Memberships	$\begin{array}{c} 110,000.00\\ 78,000.00\\ 35,000.00\\ 7,000.00\\ 27,000.00\\ 3,000.00\\ 1,000.00\\ 20,000.00\end{array}$	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 20,000.00
Category: 42 - PR	 42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage 42303 - Travel & Training/Meal Allowance 	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 10,000.00
Category: 42 - PR Category: 42 - PR	 42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage 42303 - Travel & Training/Meal Allowance 42401 - Dues & Pub/Memberships 42511 - Admin Exp/Equipment Rent 	$\begin{array}{c} 110,000.00\\ 78,000.00\\ 35,000.00\\ 7,000.00\\ 27,000.00\\ 3,000.00\\ 1,000.00\\ 20,000.00\\ 10,000.00\\ \end{array}$	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 10,000.00
Category: 42 - PR Category: 42 - PR	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage 42303 - Travel & Training/Meal Allowance 42401 - Dues & Pub/Memberships 42511 - Admin Exp/Equipment Rent OFESSIONAL/ADMINISTRATIVE SERVICES Total:	$\begin{array}{c} 110,000.00\\ 78,000.00\\ 35,000.00\\ 7,000.00\\ 27,000.00\\ 3,000.00\\ 1,000.00\\ 20,000.00\\ 10,000.00\\ \end{array}$	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 10,000.00 - 376,814.00
Category: 42 - PR Category: 42 - PR	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage 42303 - Travel & Training/Meal Allowance 42401 - Dues & Pub/Memberships 42511 - Admin Exp/Equipment Rent OFESSIONAL/ADMINISTRATIVE SERVICES Total: THER OPERATING EXPENSES	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 20,000.00 10,000.00 376,814.00	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 - 376,814.00 10,000.00
Category: 42 - PR Category: 42 - PR Category: 43 - OT	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage 42303 - Travel & Training/Meal Allowance 42401 - Dues & Pub/Memberships 42511 - Admin Exp/Equipment Rent OFESSIONAL/ADMINISTRATIVE SERVICES Total: HER OPERATING EXPENSES 43102 - Utilities/Water	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 20,000.00 10,000.00 376,814.00	85,814.00 110,000.00 78,000.00 78,000.00 7,000.00 27,000.00 1,000.00 - 376,814.00 10,000.00 700,000.00 - 710,000.00
Category: 42 - PR Category: 42 - PR Category: 43 - OT Category: 43 - OT	42101 - Prof Svcs/Professional Service 42107 - Prof Svcs/Equipment Maintenance 42108 - Prof Svcs/Building-Structure Maintenance 42109 - Prof Svcs/Compliance Inspection 42201 - Office Expense 42301 - Travel & Training/Conf-Registration 42302 - Travel & Training/Mileage 42303 - Travel & Training/Meal Allowance 42401 - Dues & Pub/Memberships 42511 - Admin Exp/Equipment Rent OFESSIONAL/ADMINISTRATIVE SERVICES Total: THER OPERATING EXPENSES 43102 - Utilities/Water 43103 - Utilities/Electicity & Power	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 20,000.00 10,000.00 376,814.00	110,000.00 78,000.00 35,000.00 7,000.00 27,000.00 3,000.00 1,000.00 - 376,814.00 10,000.00 700,000.00

Notes

44302 - Other Materials Supp/Sludge Removal 44303 - Other Materials Supp/Chemicals 44304 - Other Materials Supp/Permit Fee 44305 - Other Materials Supp/Lab Operations 44306 - Other Materials Supp/Maintenance Supplies 44410 - Safety Clothing Category: 44 - MATERIALS AND SUPPLIES Total: Category: 46 - INTERFUND/INTERDEPARTMENTAL CHARGES 46122 - Admin Debits 46122 - Admin Debits 46126 - Legal Charges	250,000.00 750,000.00 129,000.00 200,000.00 30,000.00 1,479,000.00 285,041.00 80,986.20 15,000.00		250,000.00 750,000.00 129,000.00 200,000.00 30,000.00 1,479,000.00 285,041.00 80,986.20 15,000.00			
46201 - Insurance/General Liability Category: 46 - INTERFUND/INTERDEPARTMENTAL CHARGES Total:	95,648.00 476,675.20	-	95,648.00 476,675.20	-		
Category: 47 - ASSET ACQUISITION, IMPROVEMENT, DISPOSAL 47101 - FF&E/Equipment 47104 - FF&E/Vehicles		- 175,000.00	,	WPCP Staff Vehicle (\$50,000)		
47201 - Improvements/Building		1,120,000.00	1,120,000.00	As-Built WWTP Drawings Boiler Rehabilitation Centrifuge Feed Pump Replacement Digester Feed Pump Replacement Energy Recovery Building and Admin Roof Misc. Plant Improvements SCADA System Upgrade SS2002 Water Pollution Control Plant Lab Remodel SS2101 Second Clarifier - Center Column Rehabilitation SS2102 Air Release Valve Replacement SS2203 Effluent Outfall Project Design	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	25,000 45,000 75,000 80,000 75,000 45,000 100,000 425,000 50,000 150,000
47205 - Improvements/Streets 47302 - Property Disposal 47402 - Depreciation/Building 47404 - Depreciation/Vehicles 47408 - Depreciation/Sewer 47409 - Depreciation/Other Capital Asset Category: 47 - ASSET ACQUISITION, IMPROVEMENT, DISPOSAL Total:		- 1,295,000.00	- - - - - 1,295,000.00	_		
Total Expenses (excluding depreciation)	\$ 5,008,933	\$ 1,295,000	\$ 6,303,933	-		
Hercules Share of Costs (50% of total expenses)		:	\$ 3,151,967			
Total Expenses Budget (Fund 500, All divisions) Hercules Share of Costs to Total Expenses Budget			\$ 12,252,222 26%			

- 00 Carryforward
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- 00 Carryforward
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- 00 Carryforward 00 Carryforward
- 00 Carryforward
- 00 Carryforward

Functional Area	: Sanitary Sewer		Project Origin	: Regulatory Requireme	nt	Priority Score	51
Тур	be of CIP	Budget		Subsequent Years			
New Replacement Land/Row Acq Rehabilitation		Year 1 FY 2023-24	Year 2 FY 2024-25	Year 3 FY 2025-26	Year 4 FY 2026-27	Year 5 FY 2027-28	Estimated Project Life cycle cost
Estimated Expenditures co-date	\$ -	\$ 150,000	\$-	\$ -	\$ 3,000,000	\$ -	\$ 3,150,000
Project Start	: 7/1/2023	•				Estimated Completion	: 6/30/2027
			Desc	ription			
capacity of the treat pipe size at the Efflu	project is intended to red ment plant is limited by t ent Outfall Eductor Statio ffluent pipe by reducing t odeo.	he capacity of the pipe size on will increase the wet w	e at the effluent outfall i eather effluent pumping	n Rodeo. Increasing the capacity and increase			

History, Status, or Impact if Delayed

				General Pla	n Goals/Policies						
Policy GM.4.1, Goal CS.6, Policy CS.6.1 This CIP is continued from previous year and is part of the continue								of sh	ared cost.		
				Summary	of Capital Cost						
	Budget Projected Budget								Р	roject Estimate	
USE(S)	FY 2023-24			FY 2024-25	FY 2025-26		FY 2026-27 FY 2027-		FY 2027-28	FY 2023-2028	
Design	\$	135,000									
Construction						\$	2,700,000			\$	2,700,000
Contingency	\$	15,000				\$	300,000			\$	315,000
TOTAL USES	\$	150,000	\$	-	\$-	\$	3,000,000	\$	-	\$	3,150,000
SOURCE(S)											
500 - Sewer Enterprise Fund	\$	150,000				\$	3,000,000			\$	3,150,000
TOTAL FUNDS	\$	150,000	\$	-	\$ -	\$	3,000,000	\$	-	\$	3,150,000

Functional Area	: Sanitary Sewer			Project Origin		: End of life cycle				Priority Sco	re		45
Тур	be of CIP	Bu	udget		Unappropriated Subsequent Years								
New X Replacemen Land/Row Ad Rehabilitatio	cq. Required		Year 1 2023-24	Year 2 FY 2024-2		Year 3 FY 2025-2	6	Yea FY 20	ır 4 26-27		ar 5 27-28		ed Project Life cle cost
Estimated Expenditures to-date	\$ -	\$	425,000	\$	-	\$	-	\$	-	\$	-	\$	425,000
Project Start : 7/1/2023 Estimated Completion : 6										: 6/30/2	024		
					Des	scription							

microorganisms and other solids to settle to the bottom of the clarifier where they can be returned to aeration tanks to continue treating waste.



History, Status, or Impact if Delayed

Secondary Clarifiers 1 and 2 (SC1 and SC 2) were constructed in the early 1970s and are peripheral feed clarifiers. Secondary Clarifiers 3 and 4 (SC 3 and SC 4) were constructed in the early 1980s and are center feed clarifiers. Secondary Clarifier 5 (SC 5) was constructed in early 2000 and is a center feed, flocculator clarifier. In the first quarter of FY 2022-23, a preliminary inspection of the center column of the SC 5 was completed to examine the current condition and determine the scope of work for rehabilitation. In the second quarter of FY 2022-23, it was determined that SC 3 & SC 4 also require rehabilitation. Previously, this project was titled, "Secondary Clarifier - Center Column Rehabilitation" which only focused on the rehabilitation work required for SC 5.

General Plan Goals/Policies

Goal CS.1, Goal CS.6, Policy CS.6.1

Note to City of Hercules:

This CIP is continued from previous year and is part of shared cost.

	Summary of Capital Cost												
		Budget			Projected Budget								
USE(S)		FY 2023-24		FY 2024-25	FY 2025-26	FY 2026-27	FY 2027	-28	28 FY 2023-202				
Construction SC 5	\$	315,000							\$	315,000			
Construction SC 3, SC 4	\$	67,500							\$	67,500			
Contingency	\$	42,500							\$	42,500			
TOTAL USES	\$	425,000	\$	-	\$-	\$-	\$	-	\$	425,000			
SOURCE(S)													
500 - Sewer Enterprise Fund	\$	425,000							\$	425,000			
TOTAL FUNDS	\$	425,000	\$	-	\$-	\$-	\$	-	\$	425,000			

Functional Area	: Sanitary Sewer		Project Origin	: Staff Recommendation	ו	Priority Score	
Тур	e of CIP	Budget		Unappropriated	Subsequent Years		
New X Replacement Land/Row Ac Rehabilitation	q. Required	Year 1 FY 2023-24	Year 2 FY 2024-25	Year 3 FY 2025-26	Year 4 FY 2026-27	Year 5 FY 2027-28	Estimated Project Life cycle cost
Estimated Expenditures to-date	\$ 35,000	\$ 50,000	\$-	\$-	\$-	\$-	\$ 85,000
Project Start	: 7/1/2022					Estimated Completion	: 6/30/2024
			De	scription			
Rodeo treated wate		s project includes remova	PEffluent Pipeline betwee al and replacement of the		dan ng		

History, Status, or Impact if Delayed

Staff has received quotes to replace three air relief valves by the end of FY 2022-23.

General Plan Goals/Policies							
Goal CS.1, Goal CS.6, Policy CS.6.1	Note to City of Hercules: This CIP is continued from previous year and is part of shared cost.						

	Summary of Capital Cost												
		Budget				Projecte	d Bud	dget			Pro	oject Estimate	
USE(S)		FY 2023-24		FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28	F	FY 2023-2028	
Construction	\$	45,000									\$	45,000	
Contingency	\$	5,000									\$	5,000	
TOTAL USES	\$	50,000	\$	-	\$	-	\$	-	\$	-	\$	50,000	
SOURCE(S)													
500 - Sewer Enterprise Func	\$	50,000									\$	50,000	
TOTAL FUNDS	\$	50,000	\$	-	\$	-	\$	-	\$	-	\$	50,000	

Functional Area	: Sanitary Sewer		Project Origin	: Regulatory Requirement	nt	Priority Score	48		
Тур	e of CIP	Budget		Unappropriated	Subsequent Years				
New Replacement Land/Row Ac Rehabilitatio	q. Required	Year 1 FY 2023-24	Year 2 FY 2024-25	Year 3 FY 2025-26	Year 4 FY 2026-27				
Estimated Expenditures to-date	\$ -	\$ 100,000	\$-	\$-	\$-	\$ -	\$ 100,000		
Project Start	: 7/1/2023					Estimated Completion	: 6/30/2024		
			Des	scription	1				
The California Environmental Laboratory Accreditation Program (ELAP) is responsible for accrediting environmental testing labs including the Pinole - Hercules WPCP. The 2019 ELAP inspection results indicated the lab apparatus, countertops, and the fume hood are past their useful life and recommended replacement.									

History, Status, or Impact if Delayed

General Plan Goals/Policies							
Policy GM.4.1, Goal CS.1, Policy CS.2.6	Note to City of Hercules: This CIP is continued from previous year and is part of shared cost.						

Summary of Capital Cost															
		Budget			Projected Budget										
USE(S)		FY 2023-24		FY 2024-25	FY 2025-26		FY 2026-27		FY 2027-28	027-28 FY 2023-20					
Design	\$	6,000								\$	6,000				
Construction	\$	85,000								\$	85,000				
Contingency	\$	9,000								\$	9,000				
TOTAL USES	\$	100,000	\$	-	\$-	\$	-	\$	-	\$	100,000				
SOURCE(S)															
500 - Sewer Enterprise Fund	\$	100,000								\$	100,000				
TOTAL FUNDS	\$	100,000	\$	-	\$-	\$	-	\$	-	\$	100,000				

			II	N2103 - RECYCLE	D WATER FEASI	BILITY			
Functional A	rea	: Infrastructure Asse	essment	Project Origin	roject Origin : Council Request Priority Score				
	Туре с	of CIP	Budget		Unappropriated	Subsequent Years			
Land/R	New Expansion Replacement Renovation Land/Row Acq. Required Rehabilitation		Year 1 FY 2023-24	Year 2 FY 2024-25	Year 3 FY 2025-26	Year 4 FY 2026-27	Year 5 FY 2027-28	Estimated Project Life cycle cost	
Estimated Expenditures to-date	5	\$-	\$ 60,000	\$ 140,000	\$-	\$ -	\$-	\$ 200,000	
Project Start		: 7/1/2022					Estimated Completion	: 6/30/2024	

Description

A feasibility study will allow the City to plan and phase the construction of future recycled water distribution system infrastructure. The study will identify potential recycled water customers, evaluate the quantity, quality, and recycled water distribution system options to address the needs of potential users in surrounding areas, seek opportunities to phase the construction of a recycled water delivery system, and develop planning-level cost options for the phased system.



The feasibility study will identify potential recycled water customers, evaluate the quantity, quality, and recycled water distribution system options to address the needs of potential users in surrounding areas. This project is continued from the last year CIP.

Note for City of Hercules:

City of Hercules is invited to participate in this program to identify potential recycled water customers in the City of Hercules. This feasibility study will not address EBMUD efforts for recycled water at Philips 66. If City of Hercules wants to participate in this study, this cost can be shared. We anticipate this feasibility study will cost around \$200k over 2 fiscal years.

General Plan Goals/Policies

Policy OS.8.1, Policy OS.8.7, Goal SE.9, Policy SE.9.1, Policy SE.9.4

Summary of Capital Cost													
	Budget Projected Budget							Project Estimate					
USE(S)		FY 2023-24		FY 2024-25		FY 2025-26		FY 2026-27		FY 2027-28		FY 2023-2028	
Planning	\$	60,000	\$	140,000							\$	200,000	
Contingency											\$	-	
TOTAL USES	\$	60,000	\$	140,000	\$	-	\$	-	\$	-	\$	200,000	
SOURCE(S)													
100 - General Fund	\$	60,000	\$	140,000							\$	200,000	
TOTAL FUNDS	\$	60,000	\$	140,000	\$	-	\$	-	\$	-	\$	200,000	