

MANILA COMMUNITY SERVICES DISTRICT

Agenda of Regular Meeting Tuesday September 19th, 2023 6:30 p.m. Manila Community Center, 1611 Peninsula Drive Room A

Posted by Saturday September 16th, 2023 6:30 p.m.

This is meeting is accessible remotely via Zoom https://us02web.zoom.us/i/3742372467 and phone-in @ 669-900-6833. Unless otherwise noted, all items on the agenda are subject to action by the Board of Directors. Time specific items (if any) are noted on the applicable agenda item and will be discussed at that time or as soon after that time as practical. It is planned to record this meeting so that it is accessible by the public.

- 1. ROLL CALL, DETERMINE QUORUM:
- 2. APPROVE AGENDA:
- 3. PUBLIC INPUT / PETITIONS / ANNOUNCEMENTS: The public is invited to present petitions, make announcements or provide other information to the Board on matters **not** on the agenda. The Board may uniformly impose a time limit of 3 minutes to individual presentation to assure every subject is heard. By public law, the Board cannot take action on items not on the agenda.
- 4. PRESENTATION ITEMS:
 - a) Meet and Greet with County Supervisor, Mike Wilson
- 5. BUSINESS ITEMS (Action Items):
 - a) Receive Draft Emergency Operations Manual
- **6. CONSENT CALENDAR:** (Items may be pulled for future consideration) Amendments or corrections should be received in writing prior to approval.
 - a) Draft Minutes of June 20th 2023
 - b) Receive Disbursements: June 20th to date
- 7. BOARD DISCUSSION ITEMS:
 - a) Committee Member Updates
 - b) General Manager's Report:
 - c) Future Agenda Items: Policy Manual
- 8. INCOMING COMMUNICATIONS:
- 9. ADJOURNMENT:

If open session items cannot be completed by 8:30 P.M., the meeting may be adjourned to the next regular meeting or the Board may vote to extend the meeting. A request for disability-related modification or accommodation, including auxiliary aids of services, may be made by a person with a disability, who requires a modification or accommodation in order to participate in the public meeting, by contacting the Manila CSD General Manager at least 24 hours prior to commencement of the meeting.

Manila Community Services District Board of Directors **Agenda Summary**

Item: Receive Draft Emergency Operations Manual
Summary: This item presents the first draft an Emergency Operations Manual. The purpose of the manual is to help facilitate terminating water or wastewater flows in the event of an emergency and provide some basic information on known repair procedures.
This manual is expected to be part of a larger document (underway) that provides more detail.
No action required.
Attachments: Emergency Operation Manual August 2023



Water & Wastewater Emergency Operations Manual

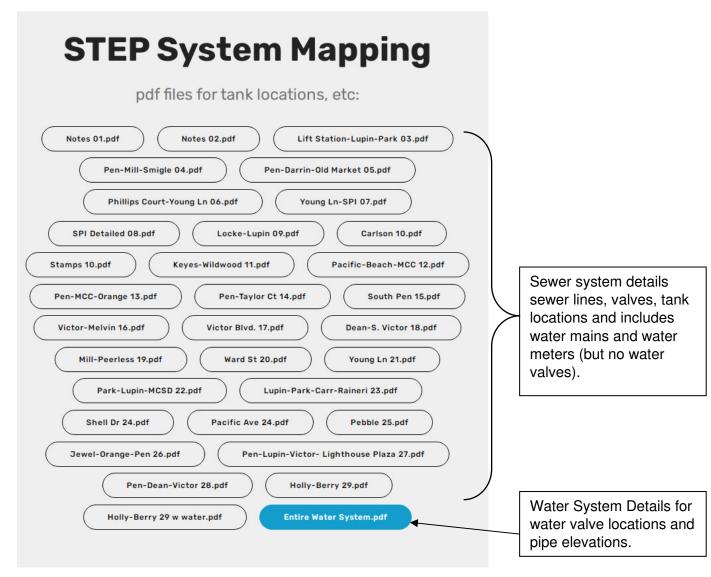
August 2023

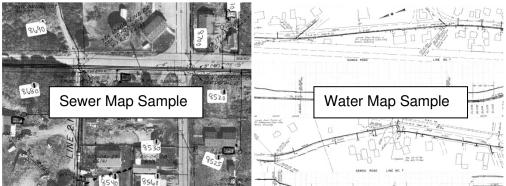
Table of Contents

3
6
-
10
1′

MAJOR SYSTEM REPAIRS:

If there is a water or sewer emergency call **G.R. Sundberg (707) 825-6565 and Manila CSD emergency on-call staff 707-499-8451** and begin locating the nearest (upstream) valve from the maps located in the office or from the district's <u>website</u> on the System page. This page is broken down into 32 sections of the community along with one dedicated water map (valves):





WATER SYSTEM SHUTDOWN:

In the event **all** water service needs to be terminated, the mainline shut-off can be found at the <u>locked</u> Humboldt Bay Water Meter (HBMWD) vault at the end of Lupin Ave. Call HBMWD for access (707) 443-5018.

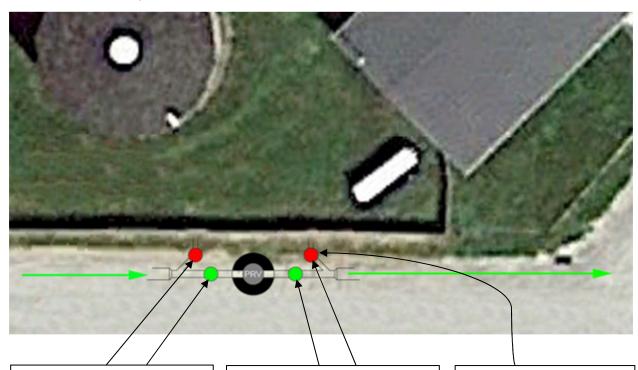
There should rarely, if ever be a need to use this valve because there are less than 12 customers upstream of accessible shut-off valves (and these will be reconnected in 2024).



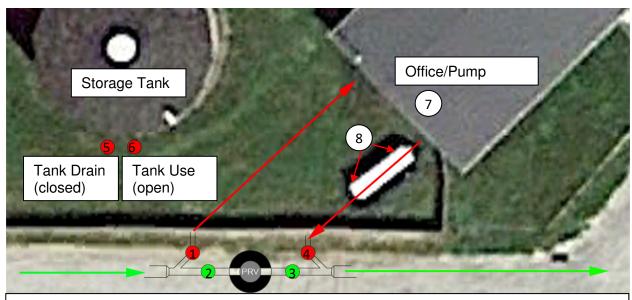


2" square drive wrench for most water and sewer valves.

To terminate all water service downstream of the district office (if local valves cannot be located or mainline rupture near office) two valves will stop all flows without requiring access to the locked Humboldt Bay Meter vault:



These (2) valves will terminate all downstream water service including the MCSD office. These (2) valves will terminate all downstream water service but leaves MCSD office online. The (2) red valves will isolate the MCSD office.



Turn off red valves to isolate Office/Pump Room. Turn off green valves to isolate the PRV. Turn off red and green to stop all flows downstream.

Specific Valve Use:

Closing 1 and 2 terminates all downstream service and triggers pumping from storage tank. Alternatively, closing 7 reduces system pressure for pumping and back pressures PRV requiring closing 3).

Closing 1 and 4 isolates the district office and storage tank having no other system affects.

Closing 3 and 4 terminates all downstream service and tank use, leaving office online. This would be earthquake mode to preserve storage.

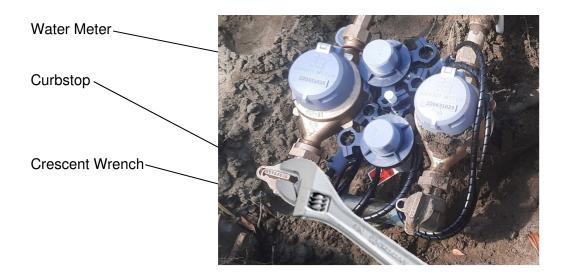
Closing 2 and 3 only isolates the Pressure Reducing Valve (PRV) for servicing.

Closing 6 will stop flows from the storage tank. This would also be earthquake mode to preserve storage.

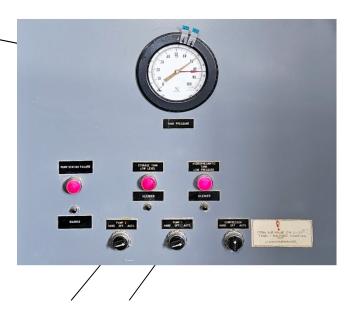
Opening 5 will drain the storage tank to the yard.

Closing 8 isolates the hydro-pneumatic tank and should only be closed if that tank is leaking and pump controls have been turned off. This tank uses air pressure to determine pump use.

All other water system shutdowns are performed at individual street valves using a 2" square drive for water mains. Curb stops at water meters can terminate water at individual house with a standard crescent wrench.



Water Pressure Gauge ~ 70 lbs preferred.



Pumps switches (shown in auto). Turn off to prevent storage tank drawdown.

SEWER SYSTEM SHUTDOWN:

In the event **all** sewer flows need to be temporarily terminated to the lift station, close the (4) shut-off valves located behind the Lift Station fence. This will afford time to perform diagnostics and repairs to the lift station.

CAUTION: Leaving these valves closed for prolonged periods will cause overflows at individual tanks.

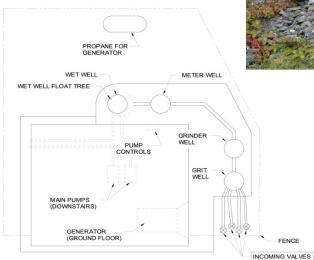
The buildup of effluent and pressure in the system from prolonged closure will create heavy flows when re-opened, requiring both pumps to be functional. It is recommended that the valves be opened partially at first to allow the pumps to keep up.

If it is expected that the valves will be closed for more than 8 hours outreach to the community requesting avoiding sewer use is recommended.









LIFT STATION CONTROLS:

The Pump Control Panel is used to configure the main effluent pumps and houses the float controls.

In this picture, both pumps are shown running, which is usually only required only for very heavy flows.

Each pump normally operates alone and they cycle automatically. One pump can be disabled for service and keep up with normal flows.



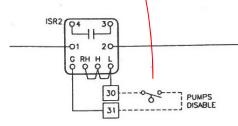
Opening the panel disables power to the system and must be manually overridden for diagnostics/repairs:

A recurring failure is the float that allows the pumps to operate. This is located at ISR2 and called "Pumps Disable" circuit. If the pumps only run in "hand" (or run the well dry) then this float probably failed.

Continuity may be checked between terminals 30 and 31 with a high liquid level in the well for closed circuit and the pumps should run.

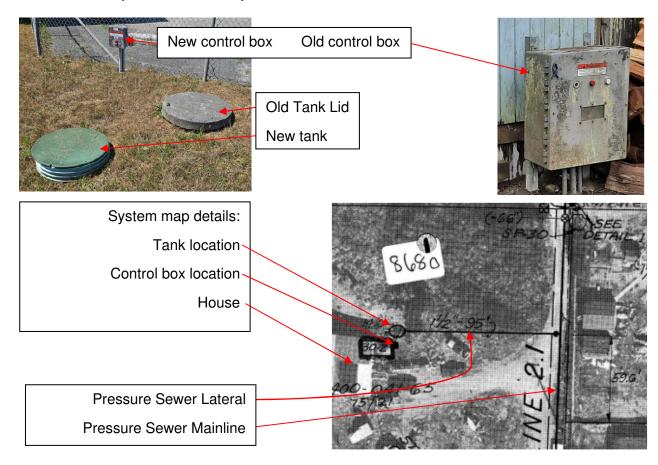
A jumper wire across these terminals will confirm that the float has failed if there is a liquid level in the well.





SEPTIC TANK ISSUES:

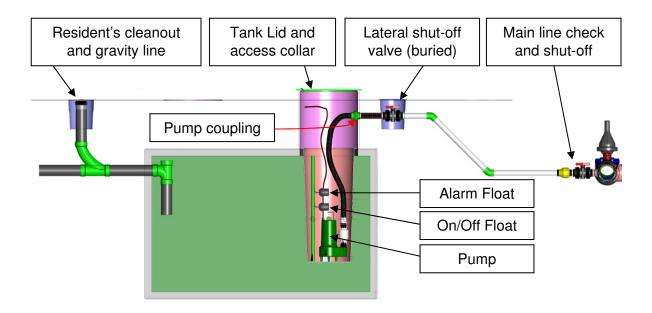
Every house in Manila is connected to an interceptor (septic) tank. Some houses share a tank and can normally be found in backyards, near the control box.



The vast majority of ongoing maintenance and repairs occur at the interceptor tanks and typical issues are pump failure, air locks, dirty motor contactor and gophers eating control wires.

Tank failures can be divided into the following categories:

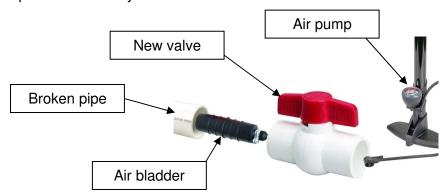
- No Alarm (customer may call with internal drain issues). Tank is checked for thickness at scum level and if surface appears hard, tank may need to be pumped out. Call Roto-Rooter Plumbing 707-822-2688.
- Alarm (intermittent). This means the water level in the tank has reached the alarm float and reset itself due to a prolonged power outage or other general system impediment such as heavy rains or long and large flows.
- Alarm (static): this is the most common alarm and requires attention to prevent tank overflow. Note that power loss will prevent the alarm from working until power is restored (if tank is still in an alarm condition). A cad model and detailed troubleshooting diagram are below:



If the tank is in alarm and the pump is running, an **airlock** might be the problem and can be fixed by *loosening* (do not remove) the Pump coupling to bleed out any air.

Replacing pumps and floats require the access collar to be pumped clear with a Vac-truck or trash pump. Once clear, access to the floats and pump can be achieved to effect replacements.

If the lateral is broken, a common problem is unstoppable flows. An air bladder and valve will be needed to overcome any back pressure in the system:



Cut broken lateral as clean and square as possible. Attached the air bladder to the air pump and insert into broken pipe and pump to stop flow. Prepare PVC valve for gluing and quickly, without losing pressure disconnect air pump from bladder and place air hose through open valve and reconnect air pump. Allow valve to cure for 15 minute minimum and make sure there is constant pressure on the air bladder to prevent a blow-out. Once the valve has cured, the air can be released from the pump to expel the bladder. Close the valve to perform downstream repairs as needed.

WATER SYSTEM ISSUES:

The majority of water system leaks occur at the districtowned line from the water main to the water meter. This is the service lateral and most are³/₄" plastic poly lines up to 5' below grade up to the meter.

Once accessed, these lines can *usually* be pinched with a poly pipe clamp, eliminating the need to find/close a water main. Sometimes the mainline valve will need to be turned off and, if so it is best to leave some pressure in the line to both help find the leak and prevent intrusion of contaminants.

Quick (semi-temporary) repairs may be made with wrap-around clamps but bends in the line make this difficult. The advantage to this repair is that you do need to turn off water.

Pipe shears are use to cut black poly laterals.



Poly pipe clamp



Wrap-around clamp

The brass couplings the preferred repair method. Do not use patches, barbs or hose clamps

unless there are no alternatives and you expect a more permanent repair in the near future. Many repairs staff encounters and to replace substandard repairs.

If there is room and the poly line is flat enough, the fastest water lateral repair is with a slip on "Insta-tite" fitting which only needs a clean cut pipe and small gap. These are essentially larger versions of Shark Fittings and can be mixed and matched with the Brass couplings as needed.



Insta-tite

Repairs for larger 4"+ water main repairs usually require professional excavation, main line shut off and the use of Romac couplings. These can flexibly join pipe of different size, material and alignment.



Pipe shears

Brass coupling



Romac coupling

Replacement effluent pump: MEYERS WHR10-21C 1 HP 230 VOLT SINGLE PHASE SEWAGE PUMP 2" DISCHARGE WITH 20' CORD

From: KEENAN EUREKA 49 2ND ST EUREKA CA 95501-0300 707-443-8453 Fax 707-443-0195



COMMUNICATIONS:

The district is part of the county alert notification systems for myriad events and also maintains an internal Emergency Alert System populated by the user/customer database and optional optin for all users. Other communications through social media are utilized as needed.

Keenan Supply 49 2nd Street Eureka, Ca 95501 Phone (707) 443-8453 Fax (707) 443-0195

Platt Electric 939 Koster Eureka, Ca Phone (707)444-8031



MANILA COMMUNITY SERVICES DISTRICT Minutes of Regular Meeting Tuesday June 20th, 2023

CRIVICES DIS									
1.	ROLL CALL, DETERMINE QUORUM: Woods, Broderick, Faulk and Ryan (remote) present. Muniz Absent.								
2.	APPROVE AGENDA: No changes to the agenda								
3.	PUBLIC INPUT / PETITIONS / ANNOUNCEMENTS: There were no comments from the public.								
4.	PRESENTATION ITEMS: a) n/a								
5.	BUSINESS ITEMS (Action Items): a) Consideration of (2) Modular building installations at Manila Community Center 1611 Peninsula Dr. *** Member Faulk-Kellogg and Manager C. Drop declared possible conflicts of interest on this item *** Broderick/Woods to approve the installation of (2) modular buildings. Vote: 3-0-1 with Muniz absent and Faulk-Kellogg abstaining.								
	b) District Policy Manual: Electronic Version: Receive any Amendments and Adoption of Section 1000 GENERAL Broderick/Faulk-Kellogg to approve Section 1000 and to proceed with final versions. Vote: 4-0 with Muniz absent.								
	c) Approve Amendments to FY2023 Budget and Approve FY2024 Budget Broderick/Ryan to authorize FY23 budget adjustments and authorize FY24 budget at presented. Vote: 4-0 with Muniz absent.								
	d) Receive for Discussion and Possible Action: Park Master Plan(s) No action taken – convene a special meeting.								
6.	CONSENT CALENDAR: (Items may be pulled for future consideration) – Amendments or corrections should be received in writing prior to approval. a) Draft Minutes of May 16 th 2023 b) Receive Disbursements: May 16 th to date Broderick/Faulk-Kellogg to approve consent calendar. Vote: 4-0								
7.	BOARD DISCUSSION ITEMS: a) Committee Member Updates b) General Manager's Report:								
8.	INCOMING COMMUNICATIONS: Receive letter from N. Ihara.								
9.	ADJOURNMENT: 7:28pm								
Tracv	Woods, Secretary								
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Date: _

Meghan Ryan, Board President

Register: 10117 · Coast Central Checking From 06/20/2023 through 08/12/2023 Sorted by: Date, Type, Number/Ref

Date	Number	Payee	Account	Memo	Payment	C	Deposit	Balance
06/21/2023			12000 · Accounts Rece	Deposit			7,252.38	64,126.22
06/21/2023			12000 Accounts Rece	Deposit			5,840.74	69,966.96
06/21/2023	2465	PACIFIC MOTOR S	22000 · Accounts Paya	2022 CFMOT	374.07		3,040.74	69,592.89
06/29/2023	2403	QuickBooks Payroll	•	Created by Pay	5,584.66			64,008.23
06/29/2023		QuickBooks Payroll	-split- -split-	Created by Pay	3,136.32			60,871.91
06/30/2023		Quickbooks I ayloli	12000 · Accounts Rece		3,130.32		1,080.89	
				Deposit			,	61,952.80
06/30/2023		EETDC	12000 · Accounts Rece	Deposit	2 500 74		5,836.95	67,789.75
06/30/2023	DD2002	EFTPS	-split-	94-1653492	3,589.74	37		64,200.01
06/30/2023	DD2003	BRODERICK, JOHN J	-split-	Direct Deposit		X		64,200.01
06/30/2023	DD2004	DROP, CHRISTOP	-split-	Direct Deposit		X		64,200.01
06/30/2023	DD2005	FAULK-KELLOGG,	-split-	Direct Deposit		X		64,200.01
06/30/2023	DD2006	KITTLESON, KEN	-split-	Direct Deposit		X		64,200.01
06/30/2023	DD2007	RYAN, MEGHAN	-split-	Direct Deposit		X		64,200.01
06/30/2023	DD2008	WATSON, ALISHA L	-split-	Direct Deposit		X		64,200.01
06/30/2023	DD2009	WOODS, TRACY F	-split-	Direct Deposit		X		64,200.01
06/30/2023	DD2010	KITTLESON, KEN	-split-	Direct Deposit		X		64,200.01
07/03/2023			12000 · Accounts Rece	Deposit			369.59	64,569.60
07/10/2023			12000 · Accounts Rece	Deposit			2,721.19	67,290.79
07/10/2023	2466	Gloria Thompson	23000 · CBSW Custo	Deposit Refund	29.46			67,261.33
07/10/2023	2467	ADVANCED SECU	22000 · Accounts Paya		183.00			67,078.33
07/10/2023	2468	COASTAL BUSINE	22000 · Accounts Paya	EU0719	377.60			66,700.73
07/10/2023	2469	HUMBOLDT BAY	22000 · Accounts Paya	June 1-30, 202	7,120.41			59,580.32
07/10/2023	2470	MCMASTER-CARR	22000 · Accounts Paya	INVOICE 989	82.64			59,497.68
07/10/2023	2471	MENDES SUPPLY	22000 · Accounts Paya	Cust MCSD M	102.68			59,395.00
07/10/2023	2472	NORTH COAST LA	22000 - Accounts Paya	May Statement	255.00			59,140.00
07/10/2023	2473	RECOLOGY HUMB	22000 · Accounts Paya	CUST 060790	1,036.50			58,103.50
07/10/2023	2474	The Mitchell Law Fir	22000 · Accounts Paya	Inv 286	87.00			58,016.50
07/10/2023	2475	VALLEY PACIFIC	22000 · Accounts Paya	10366	120.38			57,896.12
07/11/2023		EMPLOYMENT DE	-split-	499-0210-9	903.84			56,992.28
07/12/2023			12000 · Accounts Rece	Deposit			2,507.38	59,499.66
07/12/2023			12000 · Accounts Rece	•			40.36	59,540.02
07/12/2023	2476	Kahle Industries	22000 · Accounts Paya	•	415.00			59,125.02
07/13/2023			12000 · Accounts Rece	Deposit			40.41	59,165.43
07/13/2023		QuickBooks Payroll	-split-	Created by Pay	5,230.65			53,934.78
07/14/2023		EFTPS	-split-	94-1653492	1,815.74			52,119.04
07/14/2023	DD2011	DROP, CHRISTOP	-split-	Direct Deposit	1,013.17	X		52,119.04
07/14/2023		KITTLESON, KEN	-split-	Direct Deposit Direct Deposit		X		52,119.04
07/14/2023		WATSON, ALISHA L		Direct Deposit Direct Deposit		X		
	DD2013	WAISON, ALISTA L	-split-	_		Λ	190.00	52,119.04
07/17/2023			-split-	Deposit			180.00	52,299.04
07/17/2023			12000 · Accounts Rece	Deposit			4,313.78	56,612.82

Register: 10117 · Coast Central Checking From 06/20/2023 through 08/12/2023 Sorted by: Date, Type, Number/Ref

Date	Number	Payee	Account	Memo	Payment	C	Deposit	Balance
07/20/2023			12000 · Accounts Rece	Deposit			7,702.96	64,315.78
07/25/2023			12000 · Accounts Rece	Deposit			6,888.19	71,203.97
07/27/2023		QuickBooks Payroll	-split-	Created by Pay	5,165.41		,	66,038.56
07/28/2023		·	12999 · Undeposited F	Deposit	,		6,060.00	72,098.56
07/28/2023		EFTPS	-split-	94-1653492	1,775.20		•	70,323.36
07/28/2023	2477	STATE WATER RE	22000 · Accounts Paya	WDID 1B2306	7,743.00			62,580.36
07/28/2023	DD2014	DROP, CHRISTOP	-split-	Direct Deposit		X		62,580.36
07/28/2023	DD2015	KITTLESON, KEN	-split-	Direct Deposit		X		62,580.36
07/28/2023	DD2016	WATSON, ALISHA L	-split-	Direct Deposit		X		62,580.36
08/01/2023			12000 · Accounts Rece	Deposit			812.75	63,393.11
08/07/2023	2478	Michael Simpkins	23000 · CBSW Custo	Deposit Refund	100.63			63,292.48
08/07/2023	2479	ADVANCED SECU	22000 · Accounts Paya	Bill Payer ID	164.59			63,127.89
08/07/2023	2480	AN ELECTRICIAN	22000 · Accounts Paya	Invoice # 16305	262.50			62,865.39
08/07/2023	2481	CBS LEASING CO	22000 · Accounts Paya	003-0610693-0	727.20			62,138.19
08/07/2023	2482	FORTUNA IRON	22000 · Accounts Paya	MCC ADA Ra	461.81			61,676.38
08/07/2023	2483	HARVEY M. HARP	22000 · Accounts Paya	18665	1,127.77			60,548.61
08/07/2023	2484	HUMBOLDT BAY	22000 · Accounts Paya	July 1-31, 2023	7,479.21			53,069.40
08/07/2023	2485	KITTLESON, KEN*	22000 · Accounts Paya	Reimbursement	163.86			52,905.54
08/07/2023	2486	NORTH COAST LA	22000 · Accounts Paya	June Statement	510.00			52,395.54
08/07/2023	2487	PIERSON BUILDIN	22000 · Accounts Paya	CUST 1685	85.19			52,310.35
08/07/2023	2488	RECOLOGY HUMB	22000 · Accounts Paya	CUST 060790	593.59			51,716.76
08/07/2023	2489	Restif Cleaning Servi	22000 · Accounts Paya		720.00			50,996.76
08/07/2023	2490	SECURITY LOCK	22000 · Accounts Paya	1813	43.70			50,953.06
08/07/2023	2491	VALLEY PACIFIC	22000 · Accounts Paya	10366	162.01			50,791.05
08/09/2023	2492	KITTLESON, KEN*	22000 · Accounts Paya	Reimbursement	231.40			50,559.65
08/09/2023	2493	The Mitchell Law Fir	22000 · Accounts Paya	Inv 932	2,305.50			48,254.15
08/10/2023		QuickBooks Payroll	-split-	Created by Pay	5,165.38			43,088.77
08/11/2023		EFTPS	-split-	94-1653492	1,775.24			41,313.53
08/11/2023	DD2017	DROP, CHRISTOP	-split-	Direct Deposit		X		41,313.53
08/11/2023	DD2018	KITTLESON, KEN	-split-	Direct Deposit		X		41,313.53
08/11/2023	DD2019	WATSON, ALISHA L	-split-	Direct Deposit		X		41,313.53

General Manager's Report for August 2023

Grant Activity:

Wastewater Grant

A Funding Agreement has been executed and staff met with GHD and the Waterboard for a kick-off meeting related to status reporting and billing details. We will be preparing construction bid documents for Fall 2023 and expect Construction on this project summer 2024.

Water Grant

We will be preparing construction bid documents for this project fall 2023 as well and expect Construction on this project summer 2024.

Drainage Grant (CNRA)

Final permitting and site control are closer and we expect to go to bid and construction by summer 2024.

Manila Park Per Capita/Harbor District

The parking lot is clearing permitting hurdles and is expected to be completed this fall. RCAA/HD is funding amenities currently being purchased such as picnic tables and bike racks. The Tennis Court and restroom remodeling will begin after our 1st reimbursement is received for \$19,601for initial pre-construction. We have entertained hosting a design charette meeting this summer/fall to gather more ideas for the long term planning for the park, at this time, we are moving forward with the known amenities and improvements that are feasible with current funding; the restroom remodel, trial/field improvements, tennis court reconfiguring. Staff attended the EV charging station webinar.

System:

Lift Station

Another failure occurred at the lift station July 27th and again caused by a failed float. Staff replaced this float in February 2023 and has several on hand as back-ups until the pump house is reconfigured next summer. Also pending is the generator replacement that we're spending several thousand on to hold us through this winter before a replacement is installed with the grant.

8" Water Main/Blow-off:

A leak has been identified at the far north end of Peninsula at the end of a primary 8" AC water main. This leak has been suspected at the blow-off valve and is included in our grant-funded water project. We cannot wait for the grant funds to begin repairs on this main which should be completed this month.

Radio Meters

A map of completed radio meters installations can be found at the end of this report.

Other:

Our FY 2022 audit is underway.

Law enforcement has been out to dunes encampments and advised of pending citations.

The ADA ramp to House A has a new deck.

Staff confirmed district participation with OES on the Local Hazard Mitigation Plan.

New PG&E service has been underway at Ward Street and is taking a long time and getting costlier.

Observation Deck interpretive panels have been removed for replacement and staff will add a handrail.

Redwood Rafters is hosting a fundraiser at the Park September 9th and 10th (flier attached)

Our CNRA \$275,000 advance has been fully reconciled.

