



AGENDA

Lake Oswego/Tigard Water Supply Partnership

Oversight Committee

Monday July 18, 2022 at 5:30 p.m. to 7:00 p.m. Tigard Public Library

1. **Call to Order/Roll Call** – Chair Manz
2. **Approval of Minutes** of meeting held April 11th, 2022
3. **Public Comment**
(for items not on the agenda, a time limit of 3 minutes per person shall apply)
4. **Committee Business**
 - 4.1 Operations Committee: Activities Report (Bret Bienerth)
 - 4.2 Backup Power Study Update (Bret Bienerth)
 - 4.3 Annual Water Quality Report (Bret Bienerth)
 - 4.4 Budget report (Bret Bienerth)
 - 4.5 Summer water forecast (Bret Bienerth)
 - 4.6 IGA agreement next steps (Erica Rooney and Brian Rager)
5. **Future Agenda Items**
6. **Adjourn**

Next Meeting Date: October 10, 2022 at 5:30 p.m. to 7:00 p.m. at Lake Oswego Operations Center



**Lake Oswego Tigard Water Partnership
Summary of Oversight Committee Meeting
April 11, 2022**

City of Lake Oswego: **Oversight Committee:** Mayor Buck (via phone), Councilor Manz
Staff: Erica Rooney, Bret Bienерth, Susie Anderson

City of Tigard: **Oversight Committee:** Councilor Goodhouse, Councilor Newton
Staff: Brian Rager

1. CALL TO ORDER/ROLL CALL

The meeting of the Lake Oswego Tigard Water Partnership Oversight Committee was called to order by **Chair Manz** at 5:31 p.m. The meeting was held at the City of Lake Oswego Operations Center, 17601 Pilkington Road, Lake Oswego.

2. APPROVAL OF MINUTES

Councilor Newton moved to approve the minutes of the meeting held January 10, 2022. **Councilor Goodhouse** seconded. The motion passed unanimously.

3. PUBLIC COMMENT

None.

4. OLD BUSINESS

4.1 Operations Committee Activities Report

Mr. Bienерth reviewed the report in the meeting packet. Of note, Tigard was pumping an extra 3 MGD daily in to their aquifer to be pumped back out during the summer, taking advantage of the ample water in the river and storing for when there's not as much water. **Councilor Manz** asked if all the rain was a good indication of water supply projections. **Mr. Bienерth** replied there was more snow pack this year compared to last.

Mr. Bienерth stated Jason Hoye had been hired as an operator to fill a retirement. He was hired out of the wastewater crew at Lake Oswego Public Works and had his operator certification from CCC's Water and Environmental Technology program.

Mr. Bienерth reported pump four at the River Intake had failed in December. The pump was recently lifted out of the building and placed on a flatbed trailer using two cranes and transported to the manufacturer in Ridgefield for repair. During the lifting a flange had to be cut off so the pump column

would fit through the motor base plate in the ceiling of one of the levels. The failure was due to something broken inside the shaft/column but were unable to see what the problem was until it was disassembled. A broken coupling was found. **Councilor Manz** asked if the repair was under warranty. **Mr. Bienenrth** responded the pump was past warranty and the repair would be paid for out the operational budget. **Councilor Newton** asked how long the pump had been in use. **Mr. Bienenrth** replied it had been in use since 2014. He thought it was early for the pump to fail and didn't have an explanation as to why. **Councilor Goodhouse** asked if the material could be the problem. **Mr. Bienenrth** said that was on their radar and he was concerned about the other three pumps that were installed at the same time. **Councilor Goodhouse** suggested repairing the others before they fail. **Ms. Rooney** responded the pumps would be run until they break. **Mr. Bienenrth** said the addition of the fifth pump provided redundancy should one or more pumps fail and require repair. He said all the water necessary could be produced with four pumps. **Councilor Goodhouse** asked if the pumps would be run harder if it got down to three pumps. **Mr. Bienenrth** responded the pumps could run only up to 98% of pump speed which was 6,500 gallons per minute per pump. **Councilor Manz** asked if the manufacturer would provide an analysis of the problem out of goodwill. **Mr. Bienenrth** responded he didn't have a long history working with the manufacturer but had a lot of this manufacturer's pumps in service and hoped they would.

4.2 Standby Power Study

Mr. Bienenrth reported a Lake Oswego engineer would be assisting with the management of the standby power project and it would soon go out to bid. The engineer was currently reviewing the land use application submitted before construction of the treatment plant. **Ms. Rooney** added the project would be managed through the engineering department and there would be components in the RFP to include land use review. The engineer would be reviewing conditions of approval so this land use application could be crafted more specifically in case there are limitations to overcome. **Councilor Newton** stated the size of the building would determine conditions and thought it would be an easier process if amenable to conditions imposed by West Linn. **Mr. Bienenrth** said there would be many considerations including size, noise, and fuel storage.

5. NEW BUSINESS

5.1 Budget Report

Mr. Bienenrth reported expenditures through the end of the third quarter were on track. He thought the repair of the RIPS pump 4 would fit within the current budget. **Ms. Rooney** stated a FEMA reimbursement had been received for the snow and ice event of February 2021. Emergency expenditures for rental equipment and fuel had been between \$175 - \$180K. Since there was an emergency declaration the city was able to apply for reimbursement and received the maximum amount allowed which was 75%. The reimbursement was for approximately \$130K. **Councilor Manz** expressed her appreciation for staff's efforts.

5.2 Summer Water Forecast

Mr. Bienenrth reported there was more snow in the mountains this year compared to last and there had been a good amount of rainfall. The northwest portion of the state was in pretty good shape but the rest of the state was still experiencing drought conditions.

5.3 IGA Next Steps

Ms. Rooney reported she and Mr. Rager had discussions and felt the best way to move forward to work out the details of the IGA was to hire Clark Balfour from Cable Huston. She explained Mr. Balfour had been instrumental in developing the original agreement and all the amendments. He was preparing a scope of work based on feedback from staff including the technical daily operation components as well as governance. He would condense and clean up the original agreement and amendments so it would be easier to read and manage going forward. **Mr. Rager** stated he and Ms. Rooney had met with Mr. Balfour the previous week and Lake Oswego had an existing on-call agreement with Cable Huston so the work would fall under that with funding by the Partnership. He explained the process would start with a kick-off meeting of staff and Mr. Balfour mid-May. Prior to that he and Ms. Rooney would map out the technical and operational items with him. Then extended staff, including City Attorneys, City Managers, and Technical Committee would meet to get the agreement in a state to present to the Oversight Committee. The proposed timeline would start mid-May with meetings every other month and an estimate of October to have the draft ready for the committee's review. **Councilor Newton** voiced her concern with regard to the timeline and felt since it had already been four years the process should be wrapped up sooner. She noted that Councilor Manz would be termed out at the end of the year and didn't want to have to bring someone new up to speed should there be a delay in the process. Her understanding was the content of the agreement would not be too detailed or technical and that was why Tigard's draft agreement referred to other plans. She was concerned if the agreement were too detailed it would require changes in the future. The draft proposed by Tigard referred to the Operations Plan and the Conservation Plan and didn't address the details of either. She voiced her support for committee members to be involved to some extent throughout the process to ensure they were agreeable to the content. **Mr. Rager** clarified when he said technical he was referring to the existing relationships with other jurisdictions like City of Durham and Tigard Water District and other customers that Lake Oswego serves. The agreement would not detail daily operational aspects and would reference the Operations Plan and others. **Ms. Rooney** felt it important to address the nuanced things in the existing agreement that were important history to have as far as who the wholesale customers were. She referenced Lake Grove Water which uses only a little bit of water but if they were ever to come in as a full user, that would be part of Lake Oswego's allotment and had already been accounted for and want to make sure details like that don't get lost. **Councilor Newton** stated if something changed in the future the IGA would need to be amended. **Ms. Rooney** agreed. **Councilor Goodhouse** opined committee members should be included in the process from the beginning and felt they had been excluded from the decision to work with Mr. Balfour. He voiced his support for a shorter timeline and noted with elections later in the year, potentially three of the four members could be moving on. He reiterated his support for an expedited schedule and felt they should be involved in the process from the beginning with check-ins to make sure the content of the agreement stayed on track. **Councilor Newton** felt the proposed timeline wouldn't allow enough time for the committee to address the agreement or to bring it before both Councils. **Councilor Manz** attributed the delay to the pandemic and recalled a workshop had been scheduled for shortly after COVID hit. She appreciated tightening up the timeline and asked about the possibility of involving the committee members at designated intervals throughout the development of the IGA. **Ms. Rooney** said they would inquire about shortening the timeline with Mr. Balfour and scheduling a touchpoint after he has begun work on the agreement. They should have a significant update at the July regular meeting. **Councilor Newton** suggested providing a detailed outline for the group to review and stated it would be unfortunate to be almost done and find out it's not what they had intended. **Mayor Buck** said he appreciated the conversation and opined it was a wise way to move forward. He thought it important to pass good information to colleagues who would precede them on the committee and necessary to make sure the partnership was sound enough

to outlast who ever sits on the committee in future years. **Councilor Manz** asked if there was consensus among the group to move forward with the proposed direction. **Councilor Newton** replied as long as the proposed timeline was accelerated and there were periodic check-ins, she agreed with the plan. **Councilor Goodhouse** felt it was a definite shift in direction but agreed with the approach. **Ms. Rooney** emphasized work had not begun. Staff wanted to see if Mr. Balfour was available and interested, which he was, and now they would move forward with the Oversight Committee's support and feedback. Staff felt it was the most efficient and effective way to get through the process. She reiterated Mr. Balfour had a lot of experience with different relationships among water providers. The Partnership's situation was unique and not quite as cookie-cutter as other boards so his expertise would be very helpful. There was discussion as to how often there should be check-ins through the process. The group agreed to ask Mr. Balfour to make a recommendation as to the frequency. **Councilor Manz** suggested brief periodic email updates would be helpful to keep them apprised of progress.

7. ADJOURN

There being no further business **Councilor Manz** adjourned the meeting at 6:11 p.m.

Respectfully Submitted,

Susie Anderson
Administrative Assistant

Approved by the Oversight Committee:



4.1 Lake Oswego Tigard Operations Committee Report July 18th, 2022

Customer Inquiries:

Customer Inquiries:

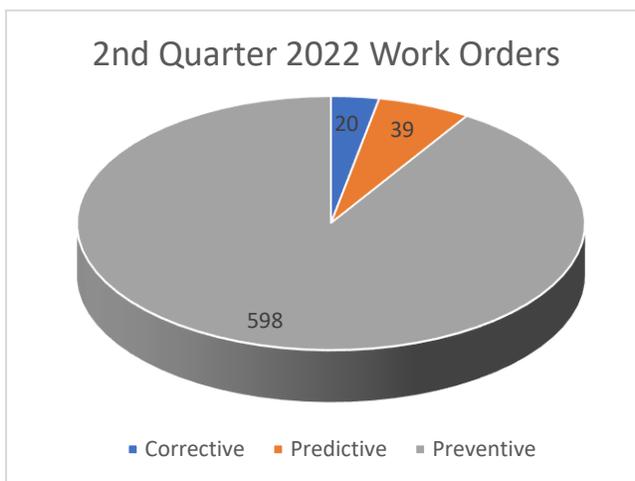
Summary – Nothing unusual; all calls resolved

Type of Call	Lake Oswego	Tigard
Taste/Odor	2	2
Discoloration	1	1
Strange water chemistry	-	1*

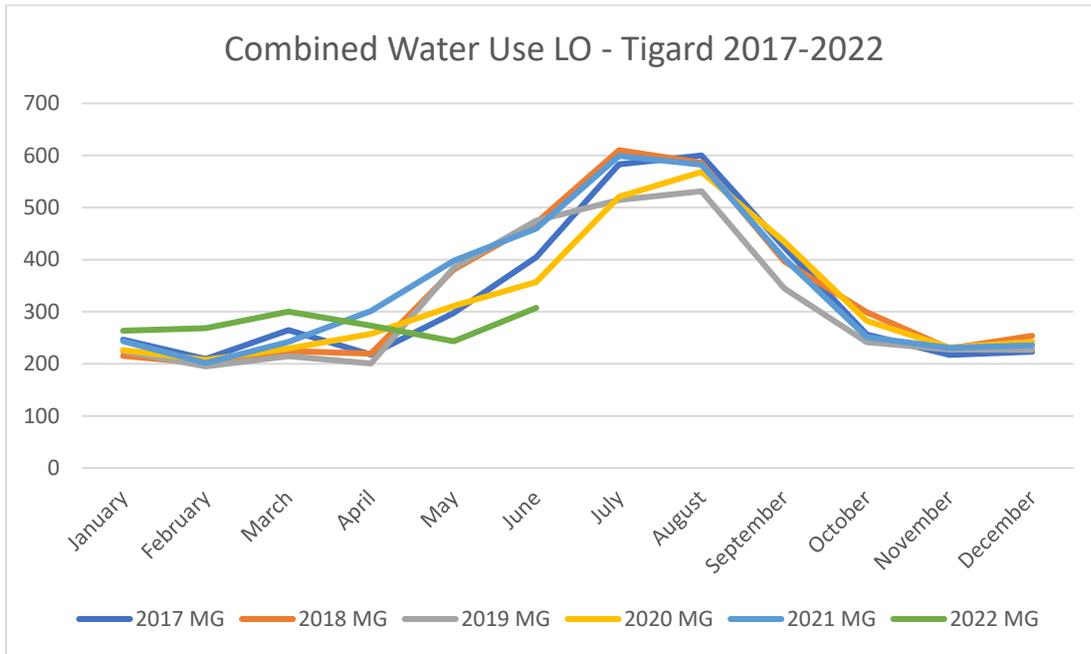
*Caller said his water feels oily, his potatoes take three hours to cook, and his water evaporates faster than normal. Asked the Water Supervisor to send a crew member out to speak to him in person due to the assumption this seemed like a mental health issue disguised as a water quality problem.

Asset Management:

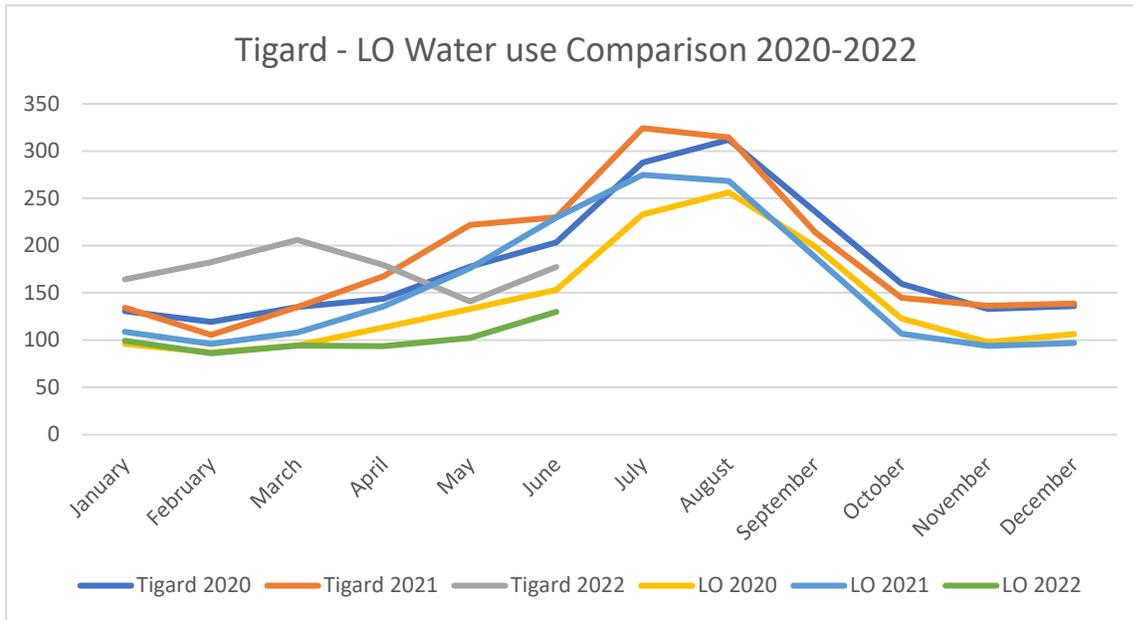
In the second quarter of 2022 657 work orders were completed. Of these work orders 637 or 97.0% were either preventive or predictive maintenance.



Water Production:



	2017	2018	2019	2020	2021	2022
	MG	MG	MG	MG	MG	MG
January	246.29	215.48	224.67	226.22	243.2	263.39
February	209.22	200.64	195.05	207.56	201.45	268.47
March	264.89	224.11	214.81	229.5	242.25	300.1
April	217.89	219.48	200.59	257.18	301.3	273.16
May	297.61	380.95	384.53	310.9	397.79	243.26
June	404.92	470.34	475.12	356.79	459.46	307.36
July	583.25	610.08	514.3	520.99	599.1	
August	599.96	586.21	531.28	568.27	582.5	
September	423.64	396.81	344.97	434.74	401.97	
October	255.93	298.68	241.78	282.56	251.43	
November	217.13	229.2	227.39	231.16	230.36	
December	223.22	253.76	226.66	242.39	235.68	
Total	3943.95	4085.74	3781.15	3868.26	4146.49	1655.74



	Tigard 2020	Tigard 2021	Tigard 2022	LO 2020	LO 2021	LO 2022
January	130.47	134.34	164.15	96.03	108.86	99.23
February	119.305	105.53	182.363	86.94	95.92	86.11
March	135.12	134.862	205.948	94.381	107.93	94.15
April	143.88	167.751	179.443	113.302	135.55	93.72
May	177.78	221.838	140.921	133.124	175.95	102.34
June	203.51	229.862	177.413	153.282	229.6	129.95
July	288.01	324.288		232.975	274.81	
August	311.998	314.307		256.27	268.19	
September	235.925	214.105		198.82	187.86	
October	159.723	144.76		122.84	106.67	
November	133.111	136.4756		98.05	93.89	
December	136.054	138.668		106.34	97.01	
	2174.886	2266.7866	1050.238	1692.354	1882.24	605.5

Major Projects:

RIPS Pump #4 was reinstalled at the end of July and is now moving water.

Partnership pipeline valve exercising:

LO and Tigard crews are splitting the work this year with Lake Oswego crews working on the raw pipeline in Gladstone and Tigard crews working on the finished water pipeline in Lake Oswego. Both Cities's crews will work together when the valves in Highway 43 are exercised this summer.



Tigard valve turning crew behind the Safeway in Lake Oswego.



CITY OF LAKE OSWEGO

Revenue and Expense Account Summary

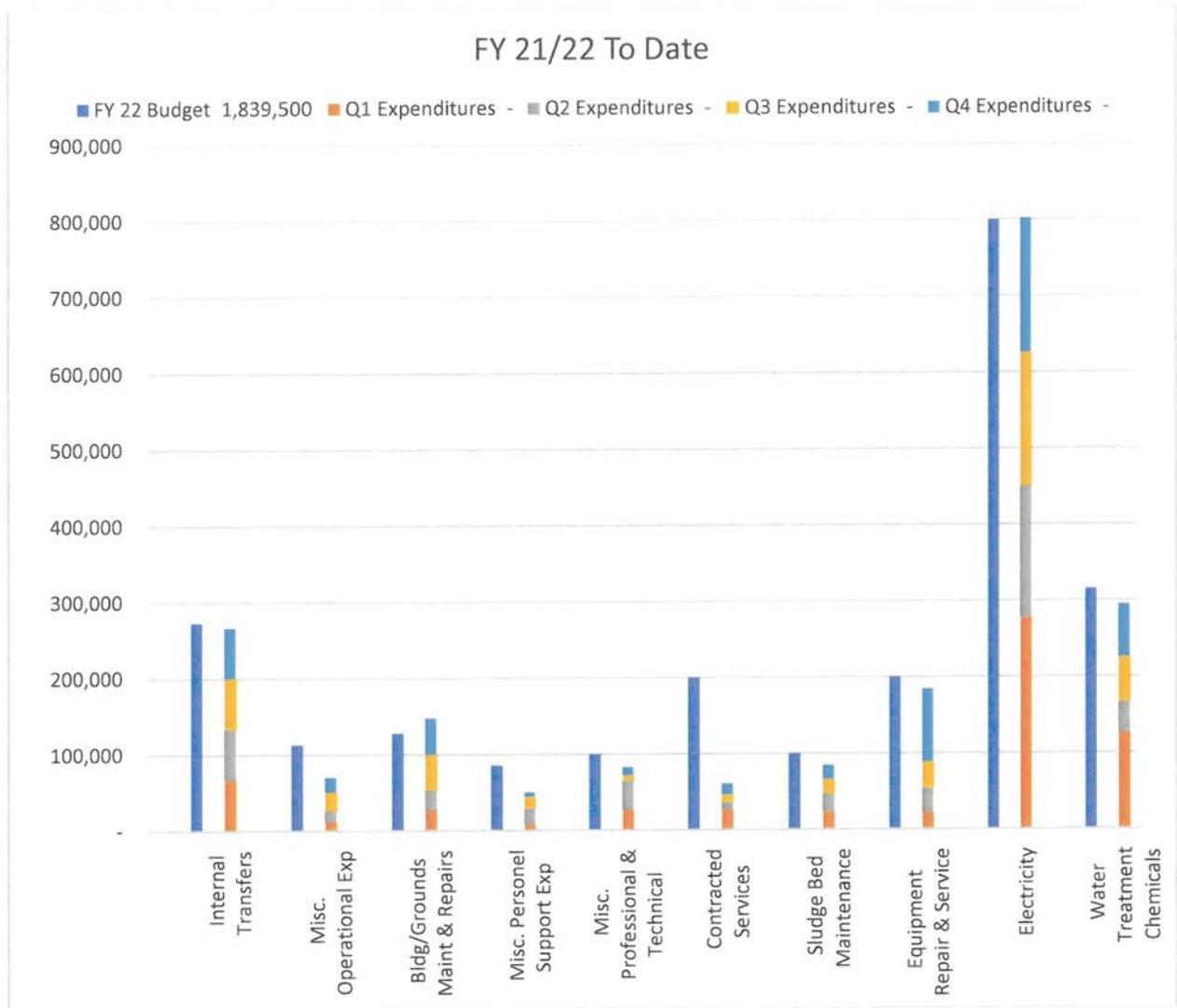
For Fiscal: 2021-2022 Period Ending: 06/30/2022

		Current Total Budget	Period Activity	Fiscal Activity	Budget Remaining	Percent Remaining
610 - WATER FUND						
Revenue						
610-611-305200-9005	Federal Grants	0.00	0.00	130,798.79	-130,798.79	0.00 %
610-611-310910-0000	Sundry Income	100,000.00	2,111.52	105,810.76	-5,810.76	-5.81 %
	Revenue Total:	100,000.00	2,111.52	236,609.55	-136,609.55	-136.61 %
Expense						
610-611-411100-0000	Full-Time Salaries and Wages	2,112,000.00	0.00	0.00	2,112,000.00	100.00 %
610-611-411110-0000	Full-Time Regular Salaries	0.00	67,976.03	773,241.42	-773,241.42	0.00 %
610-611-411120-0000	Full-Time Other Paid Leave	0.00	1,636.48	16,458.64	-16,458.64	0.00 %
610-611-411122-0000	Full-Time Vacation Leave	0.00	5,844.18	62,649.73	-62,649.73	0.00 %
610-611-411125-0000	Full-Time Comp Leave	0.00	1,458.19	29,235.38	-29,235.38	0.00 %
610-611-411130-0000	Full-Time Sick Leave	0.00	3,941.33	39,920.04	-39,920.04	0.00 %
610-611-411240-0000	Temporary / OnCall	9,000.00	752.25	10,618.93	-1,618.93	-17.99 %
610-611-411300-0000	Overtime Salaries	43,000.00	767.16	18,997.76	24,002.24	55.82 %
610-611-411400-0000	Special Pay	66,000.00	2,633.52	23,115.72	42,884.28	64.98 %
610-611-411430-0000	Shift Differential Pay	0.00	489.84	5,243.32	-5,243.32	0.00 %
610-611-411435-0000	Accrued Vacation Payoff	10,000.00	0.00	9,825.81	174.19	1.74 %
610-611-411450-0000	Holiday Pay	0.00	1,419.02	10,454.05	-10,454.05	0.00 %
610-611-412100-0000	Payroll Taxes	189,000.00	7,162.73	82,368.77	106,631.23	56.42 %
610-611-412200-0000	PERS	674,000.00	24,788.83	275,413.98	398,586.02	59.14 %
610-611-412300-0000	Health Insurance	496,000.00	19,340.23	221,103.36	274,896.64	55.42 %
610-611-412400-0000	Other Benefits	80,000.00	2,454.02	31,160.26	48,839.74	61.05 %
610-611-421000-0000	General Office Supplies	6,000.00	0.00	982.57	5,017.43	83.62 %
610-611-422300-0000	Postage	4,000.00	0.00	1,960.32	2,039.68	50.99 %
610-611-427150-0000	Safety Equipment	4,000.00	30.05	895.71	3,104.29	77.61 %
610-611-427200-0000	Clothing Allowance	10,000.00	397.97	4,726.34	5,273.66	52.74 %
610-611-427300-0000	Laundry Service	6,000.00	436.46	3,158.55	2,841.45	47.36 %
610-611-428000-0000	Small Tools and Supplies	11,000.00	0.00	3,306.50	7,693.50	69.94 %
610-611-429500-0000	Misc Furnishings & Equipment	14,000.00	0.00	5,206.97	8,793.03	62.81 %
610-611-429700-0000	Publications and Reports	4,000.00	0.00	739.57	3,260.43	81.51 %
610-611-431000-0000	Misc Professional & Technical	200,000.00	422.50	82,976.35	117,023.65	58.51 %
610-611-431540-0000	Software, Purchases & Licenses	60,000.00	2,200.00	28,282.82	31,717.18	52.86 %
610-611-431910-0000	Laboratory Services	20,000.00	125.00	9,364.50	10,635.50	53.18 %
610-611-431932-0000	Contracted Services	400,000.00	1,445.00	60,689.61	339,310.39	84.83 %
610-611-431937-0000	Vehicle Contract Service Fee	0.00	0.00	175.00	-175.00	0.00 %
610-611-432110-0000	Technical Seminars, Training	30,000.00	0.00	10,652.07	19,347.93	64.49 %
610-611-432300-0000	Membership Dues	10,000.00	0.00	3,790.99	6,209.01	62.09 %
610-611-434400-0000	Purchased Water	105,000.00	2,213.15	27,449.24	77,550.76	73.86 %
610-611-435230-0000	Telemetry Communication Charge	12,000.00	0.00	0.00	12,000.00	100.00 %
610-611-435240-0000	Miscellaneous Communication	33,000.00	0.00	5,851.72	27,148.28	82.27 %
610-611-437110-0000	Landscape Maintenance Contract	130,000.00	7,686.54	45,249.12	84,750.88	65.19 %
610-611-437230-0000	Janitorial and Cleaning Spply	10,000.00	0.00	2,611.48	7,388.52	73.89 %
610-611-437260-0000	Sludge Beds Maintenance	200,000.00	5,980.67	84,820.13	115,179.87	57.59 %
610-611-437280-0000	Bldg Maint-Misc Contracted Svc	100,000.00	27,965.01	95,724.95	4,275.05	4.28 %
610-611-437290-0000	Bldg Maint-Misc Materials	10,000.00	0.00	2,107.38	7,892.62	78.93 %
610-611-437310-0000	Equipment Repair and Service	400,000.00	82,711.00	188,507.70	211,492.30	52.87 %
610-611-437330-0000	Vehicle Repairs, Parts & Supp	10,000.00	0.00	240.46	9,759.54	97.60 %
610-611-437340-0000	Gasoline, Oil and Lubricants	4,000.00	134.79	2,732.42	1,267.58	31.69 %
610-611-437410-0000	Electricity	1,600,000.00	57,059.34	802,260.64	797,739.36	49.86 %
610-611-437420-0000	Natural Gas and Propane	50,000.00	2,057.09	23,160.26	26,839.74	53.68 %
610-611-437585-0000	Water Treatment Chemicals	630,000.00	40,762.43	294,905.09	335,094.91	53.19 %
610-611-438110-0000	Internal Fees for Service - Admin	516,000.00	21,000.00	252,000.00	264,000.00	51.16 %
610-611-438673-0000	Internal Fees for Service - MP	2,000.00	83.00	1,000.00	1,000.00	50.00 %

Revenue and Expense

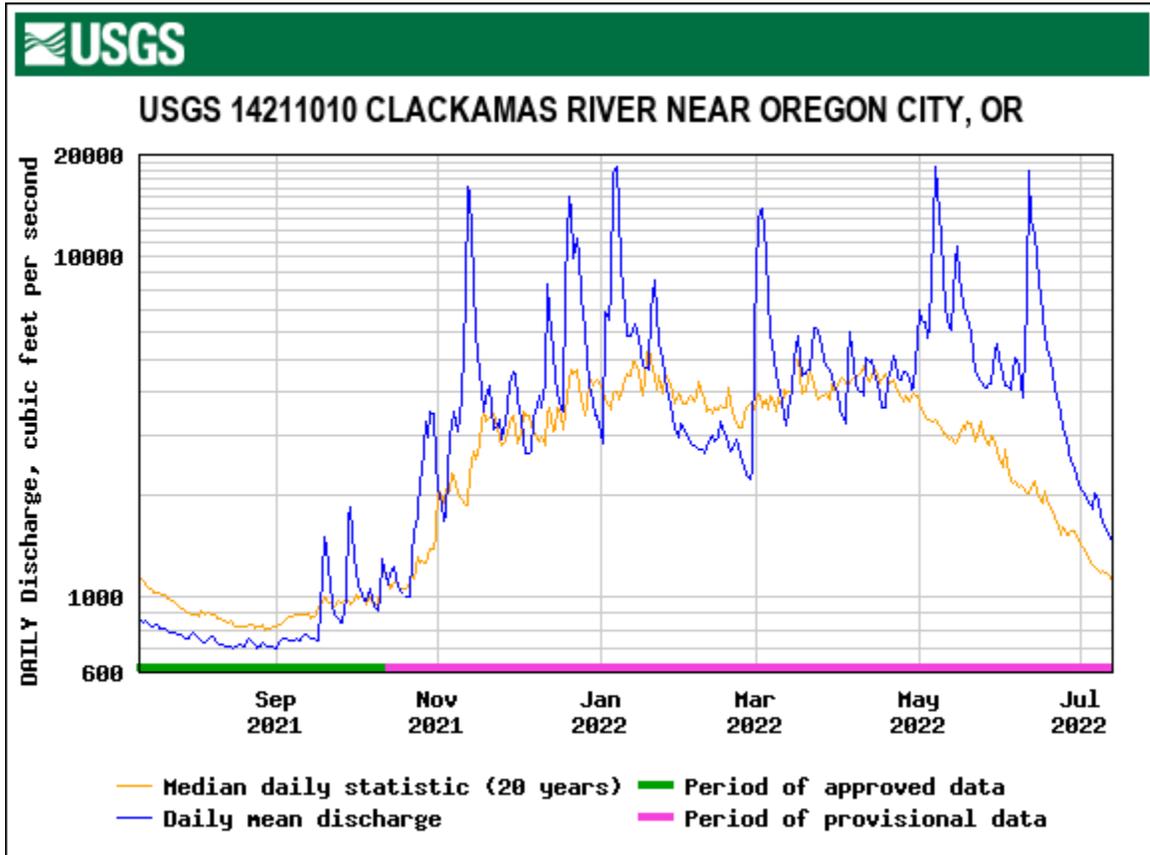
For Fiscal: 2021-2022 Period Ending: 06/30/2022

	Current Total Budget	Period Activity	Fiscal Activity	Budget Remaining	Percent Remaining
610-611-438674-0000 Internal Fees for Service - Beautific	28,000.00	1,167.00	14,000.00	14,000.00	50.00 %
610-611-439900-0000 Other Miscellaneous Exp	10,000.00	0.00	2,209.40	7,790.60	77.91 %
610-611-481310-0000 Rehabilitation/Replacemt Dev	2,000,000.00	0.00	131,313.10	1,868,686.90	93.43 %
Expense Total:	10,308,000.00	394,540.81	3,802,858.13	6,505,141.87	63.11 %
610 Total:	10,208,000.00	392,429.29	3,566,248.58	6,641,751.42	65.06 %
(Surplus) Deficit:	10,208,000.00	392,429.29	3,566,248.58	6,641,751.42	65.06 %



			Total Cost	
	Water Produced	Total Cost	Cost / MG	Cost / CCF
1st Quarter	1583.57	1,003,139.50	633.47	\$ 0.47
			Total Cost	
	Water Produced	Total Cost	Cost / MG	Cost / CCF
2nd Quarter	717.47	853,404.51	1,189.46	\$ 0.89
			Total Cost	
	Water Produced	Total Cost	Cost / MG	Cost / CCF
3rd Quarter	831.96	856,304.59	1,029.26	\$ 0.77
			Total Cost	
	Water Produced	Total Cost	Cost / MG	Cost / CCF
4th Quarter	823.78	943,227.00	1,145.00	\$ 0.86

Summer of 2022 drought outlook for the Partnership:



July 12th comparison: 2021 = 852 cubic feet/second
 2022 = 1,480 cubic feet/second

Daily discharge, cubic feet per second --
 statistics for Jul 12 based on 20 water years
 of record [more](#)

Min (2015)	25th percen- tile	Median	Mean	75th percen- tile	Max (2008)
824	979	1130	1180	1370	2010

BY LOCATION | COUNTY

Drought Conditions for Clackamas County

[Go To Oregon State Page](#)

Get notified when conditions change

[Sign Up for Alerts](#)

0
people in Clackamas County are affected by drought

No change since last week
No change since last month

0%
of people in Clackamas County are affected by drought

No change since last week
No change since last month

4th
wettest June on record, over the past 128 years

↑ 4.23
inches from normal

24th
wettest year to date over the past 128 years (January-June 2022)

↑ 6.33
inches from normal

Long Term (30 Day) Drought Outlook per the USGS

