



## AGENDA

Lake Oswego/Tigard Water Supply Partnership

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### Partnership Committee

*Monday April 15, 2024 4:30 p.m. to 6:00 p.m.*

*Tigard Public Works*

*8777 SW Burnham St., Tigard*

1. **Call to Order/Roll Call** – Chair Corrigan
  
  2. **Approval of Minutes** of meeting held January 22, 2024.
  
  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 Budget Report (Bret Bienerth)
    - 4.3 Backup power update (Bret Bienerth)
    - 4.4 Service line inventory update (Bret Bienerth)
  
  5. **Future Agenda Items**
    - **Open for suggestions**
- Adjourn**

Next meeting: July 15th, 4:30 p.m. to 6:00 p.m. at Lake Oswego Public Works



**Lake Oswego Tigard Water Partnership  
Summary of Partnership Committee Meeting  
January 22, 2024**

**City of Lake Oswego:**                   **Oversight Committee:** Councilor Corrigan  
Staff: Erica Rooney, Public Works Director/City Engineer; Bret Bienerth,  
Water Treatment Plant Manager

**City of Tigard:**                       **Oversight Committee:** Councilor Hu, Councilor Wolf  
Staff:

**Consultants:**                         Kim Swan, Clackamas River Water Providers

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**1. CALL TO ORDER/ROLL CALL**

**Chair Wolf** called the meeting of the Lake Oswego Tigard Water Partnership Committee to order at 4:37 pm. The meeting was held at Lake Oswego Public Works, 17601 Pilkington Rd, Lake Oswego OR 97035.

**2. APPROVAL OF MINUTES**

**Councilor Corrigan** made a motion to approve the minutes of the November 6, 2023 meeting. **Councilor Hu** seconded the motion. The motion passed unanimously.

**3. ELECTION OF CHAIR AND VICE-CHAIR**

There was a motion and a second to nominate **Councilor Corrigan** as Chair of the LO Tigard Water Partnership Committee for 2024 and **Councilor Hu** was nominated as Vice-Chair. Motion passed unanimously.

**4. PUBLIC COMMENT**

None.

**5. COMMITTEE BUSINESS**

5.1 Operations Report

5.2 Budget Report

**Mr. Bienerth** reviewed the operations report in the meeting packet. Water use was tracking about the same for both cities with no significant change. He reported the cost to produce per ccf and budget were also tracking as expected. **Councilor Corrigan** stated it appeared there may be a surplus at the end of the biennium. **Mr. Bienerth** affirmed. **Councilor Corrigan** asked what would happen to the surplus and if that would become a reserve for the WTP. **Ms. Rooney** explained each year a true-up was conducted and any remaining funds would be applied in that process. She added it was beneficial to have a bit of a cushion for instances like the ice storm where the partnership had to front a quarter of a million dollars to pay for the generators and diesel fuel. **Councilor Wolf** suggested being able to see

spending vs. budget at a high level would be helpful. **Mr. Bienerth** confirmed he would add a higher level of the biennial budget to the report.

### 5.3 Clackamas River Water Providers

**Kim Swan** introduced herself and explained the Clackamas River Water Providers (CRWP) organization was created in 2007 by an Intergovernmental Agreement and was comprised of all the water districts whose water source was the Clackamas River. Tigard joined in 2012. Combined, CRWP serves over 300,000 people and offers source water protection and conservation education and outreach services to its members. She noted Lake Oswego and Tigard have their own conservation staff and programs. She displayed a map of the watershed which showed where the different water providers boundaries were and their proximity to the watershed. With the exception of Estacada, all of the member water providers are interconnected and able to move water between jurisdictions. She explained CRWP mission was to foster close relationships with each other, collectively fund and coordinate efforts regarding source water protection, public outreach and water conservation, save money by sharing costs, and to speak in one voice regarding water resource issues. CRWP functions based on the IGA and its Bylaws. She explained she reports to a Board comprised of managers from each water district that meet bi-monthly. The organization has a 5-year workplan and an annual budget process which sets member dues amounts.

**Ms. Swan** continued CRWP primarily has two programs: source water protection and public outreach and education. The watershed covers 940 square miles, the river is 83 miles. 72% of the watershed is publicly owned, everything above Estacada is National Forest, and some of the area is privately owned forest. The middle section of the watershed is privately owned agricultural land, 3% at the very top of the watershed is owned by the Warm Springs Tribe so it's a multi-use watershed. Because of the agricultural and residential presence, storm water runoff into the river is a big concern. The watershed also has a lot of recreational use from paddle boarding in Timothy Lake, to white water rafting on the carter bridge area and the lower river on a sunny day can see 1000 people floating past the intakes. Clackamas County is also home to many Christmas tree farms as well as wholesale nurseries. PGE has three large dams on the main stem of the river, which do not store water so the main source is snow pack and rain.

**Ms. Swan** explained the Source Water Protection Program goals were to identify, prevent, minimize, and mitigate activities that have known or potentially harmful impacts on drinking water quality and to promote public awareness and stewardship of healthy watershed ecology in collaboration with other stakeholders. She briefly outlined the various watershed programs and noted they could find more detail about them in the annual report. Those programs include studies, risk assessments, and water quality monitoring; hazardous material spill prevention efforts; pesticide reduction program; septic system program; recreation mitigation; water quality permits; forestry and PGE efforts; and disaster preparedness.

The Education and Outreach Program started out very conservation focused but has evolved in to a more holistic approach regarding source water protection, watershed issues, nonpoint source pollution, drinking water treatment and distribution, indoor and outdoor water use, and water conservation to provide more context as to why they should protect and conserve water resources. It includes youth education, partnerships, community events and presentations, conservation rebate program, residential landscape water audits, and outreach materials and conservation tools. She showed some examples of literature and conservation tools shared with the public. She discussed the "Fish on the Run, Irrigation

Done" campaign which was heading in to its sixth year and explained during the summer months water use doubled or tripled. There are flow targets for fish persistence mandated by the State. Generally, the flow targets are easily met June through August but in September, when there hasn't been rain for some time and the Chinook salmon start migrating up river, the campaign gets the message out and encourages people to be mindful of their water source and reduce water use by turning off their irrigation.

**Mr. Bienerth** stated it was a benefit to have CRWP focus on the source water protection instead of each utility approaching it individually and that all the water providers were inter-connected and able to move water between systems in the event of an emergency. **Ms. Swan** added there was a recent focus on emergency preparedness. Each utility has their own Emergency Response Plan but CRWP was exploring how staff and resources could be shared between utilities during an emergency and working on developing relationships between the utilities. **Ms. Rooney** noted West Linn's sole source for water was a pipeline under the Abernethy Bridge and at some point during construction the pipe would be shut off for a couple of months and West Linn would receive water from the LO Tigard plant through an intertie. **Councilor Corrigan** thanked Ms. Swan for her presentation. **Councilor Wolf** asked staff to send the presentation and annual report to the committee members. **Ms. Rooney** mentioned the Fall watershed tours that were available. **Ms. Swan** stated the annual watershed tour would be held the first weekend in October for elected officials, members of advisory committees and interested citizens. Since the watershed is so large the tours are split between the upper and lower portions of the watershed every other year. Last year's tour was of the upper portion at PGE's sites and Estacada. This year's tour would be of the four plants on the lower portion. She thought it interesting that there were five water treatment plants that feed ten different utilities and each plant uses different technology for treating water. She said invitations would go out after Labor Day. **Councilor Hu** asked if each plant was responsible for monitoring flow levels or if that was handled by CRWP. **Mr. Bienerth** stated he relied on USGS monitoring instruments in the river which were coordinated and financed by CRWP at an annual budget of about \$100K. Instead of each utility paying that amount individually, each pays a portion. **Mr. Bienerth** added OHA required utilities to have a source water protection program so instead of each utility having to fund their own, collectively it made sense to share that expense and have a much more comprehensive program.

## 6. FUTURE AGENDA ITEMS

**Mr. Bienerth** stated he was open to suggestions for future agenda items or topics of interest. **Ms. Rooney** suggested a backup power project update. **Mr. Bienerth** stated there would likely be land use updates by the next meeting. **Ms. Rooney** pointed out the plant was still relatively new so there may be times when there wouldn't be much to report on because the plant runs well and LO and Tigard staff are working well together. Even though the meetings may be short and sometimes repetitive, having them keeps the group connected. **Councilor Wolf** stated she would be out of town for the April 15th meeting but suggested a follow up to the lead and copper line inventory presentation from the past summer as a future agenda item. **Ms. Rooney** agreed and added an update on water rights could also be added. **Councilor Hu** asked if there was any update or issue regarding chemical shortages. **Mr. Bienerth** replied there was nothing new to report but chemical prices had somewhat stabilized. **Ms. Swan** added part of CRWP emergency efforts included evaluating its members purchasing sources and how to coordinate between utilities if there were a supply chain problem. **Ms. Rooney** pointed out that the different plants use different treatment processes so while LO Tigard purchases chlorine from a vendor, some other plants generate their own.

**5. ADJOURN**

There being no further business, **Chair Corrigan** adjourned the meeting at 5:25 pm.

Respectfully Submitted,

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Susie Anderson  
Administrative Assistant

Approved by the Partnership Committee:

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DRAFT



### 4.1 Lake Oswego Tigard Operations Report April 15th, 2024

**Customer Inquiries:**

Customer Inquiries: Summarized by Tigard’s Jennifer Joe

**Quarterly Water Quality Report  
January- March 2024**

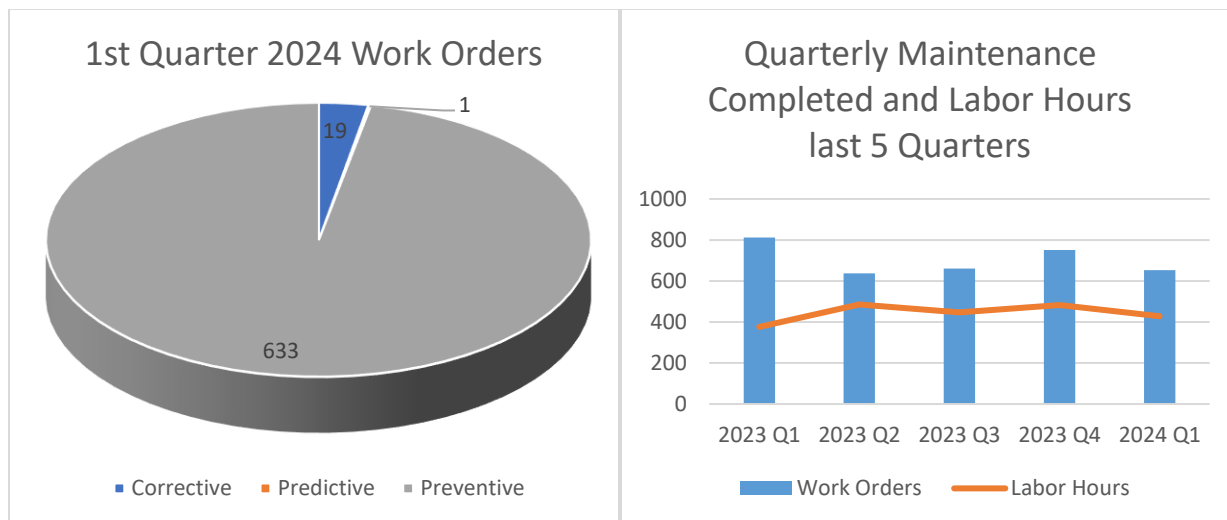
	Taste and Odor
Lake Oswego	0
Tigard	1

Lake Oswego – No calls

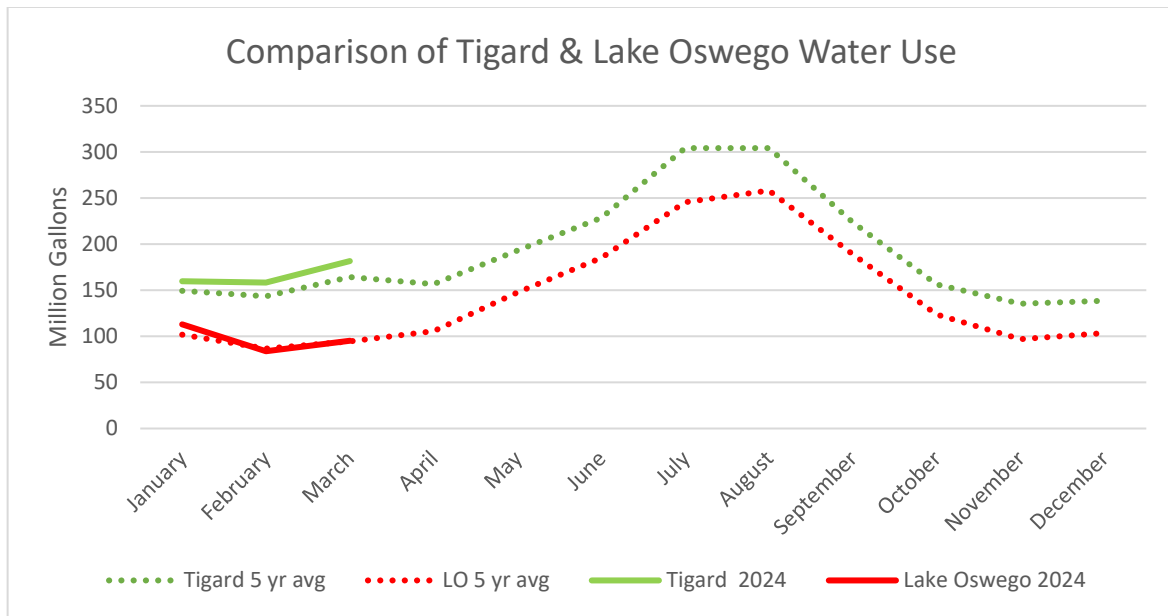
Tigard – One taste and odor call. Experiencing issue from the bathroom. Crews flushed and problem resolved.

**Asset Management:**

In the first quarter of 2024 653 work orders were completed. Of these work orders 634 or 97.1% were either preventive or predictive maintenance.



**Water Production:**

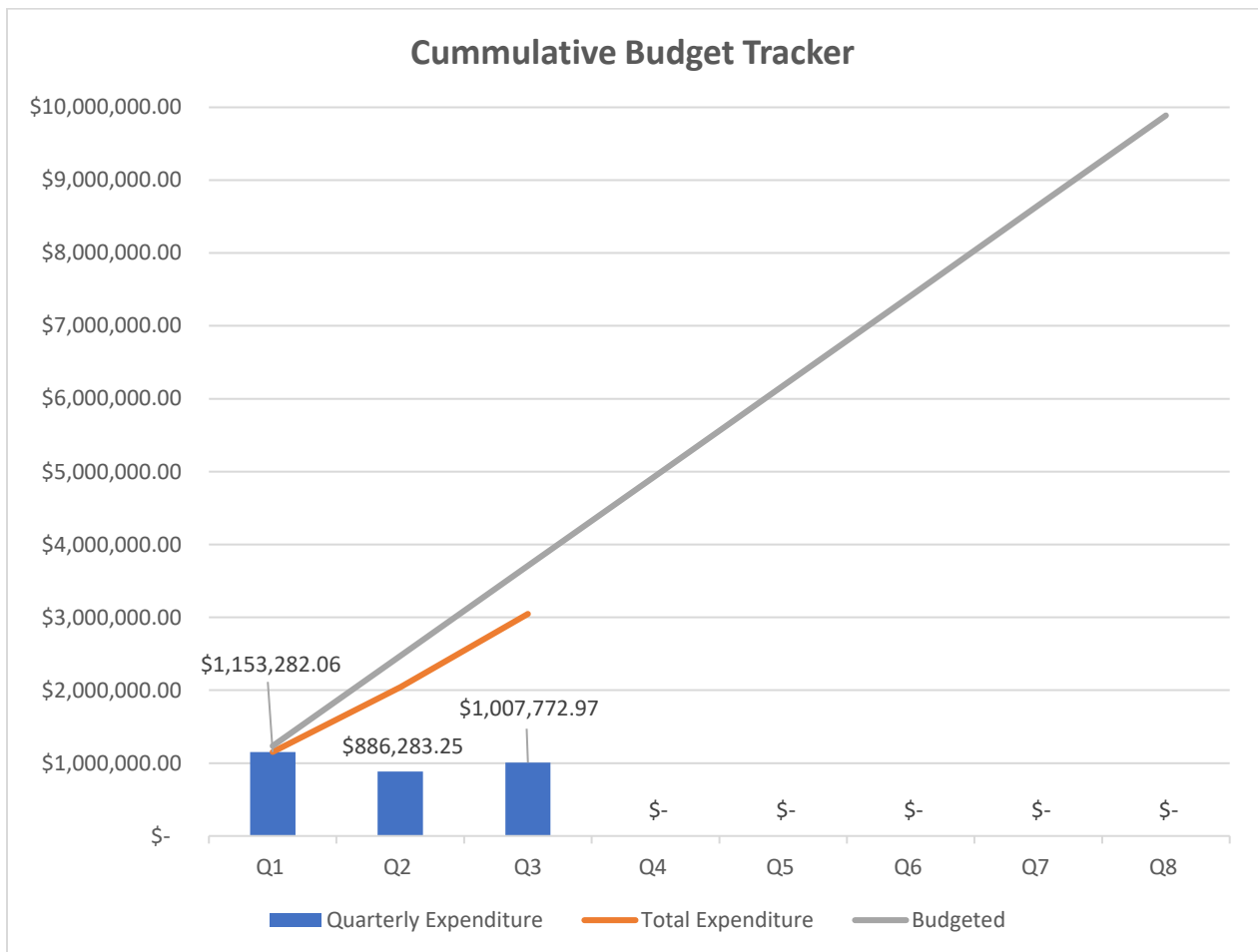
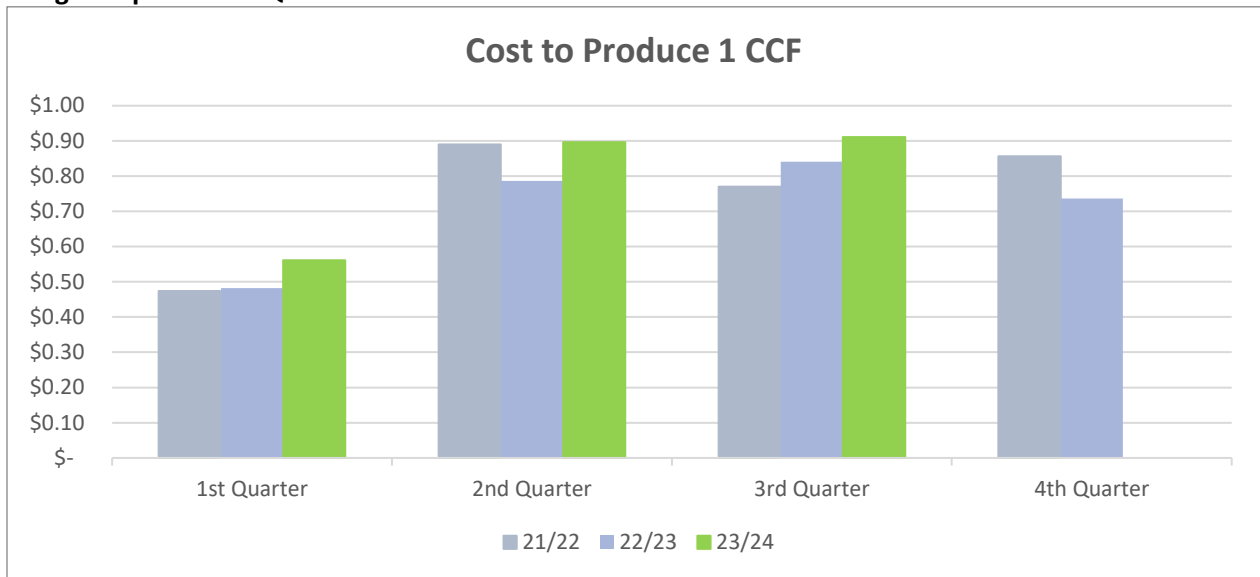


**Plant activities:**

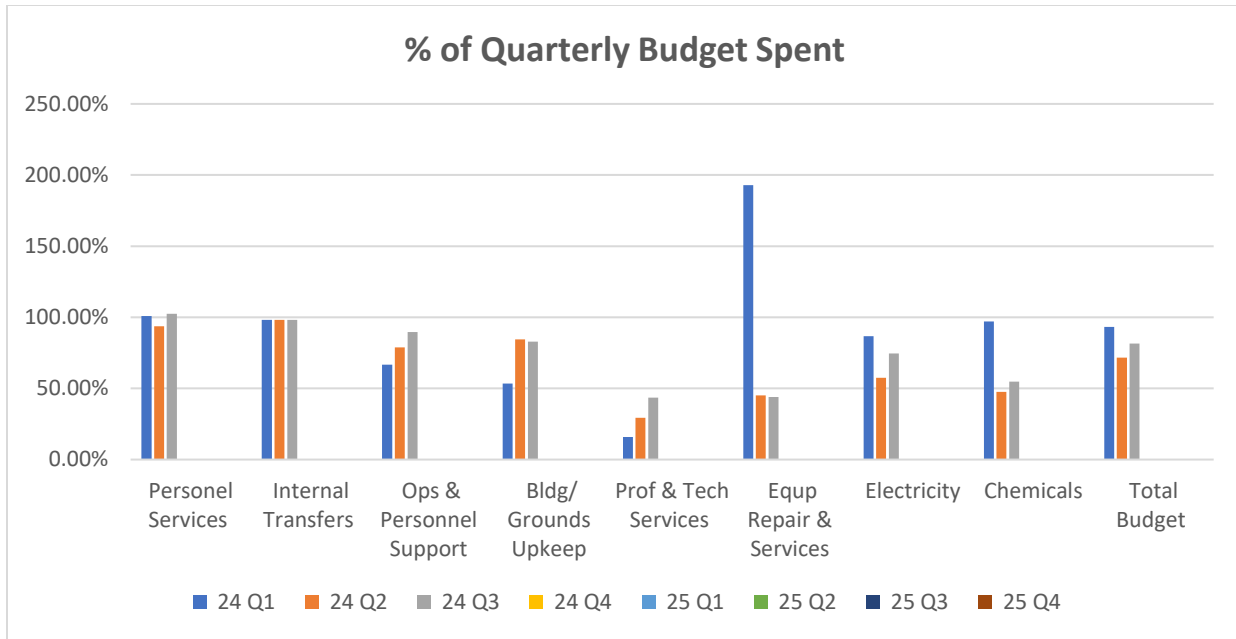
Clearwell Inspection 3/13/2024



**Budget Report FY 24 Q3**

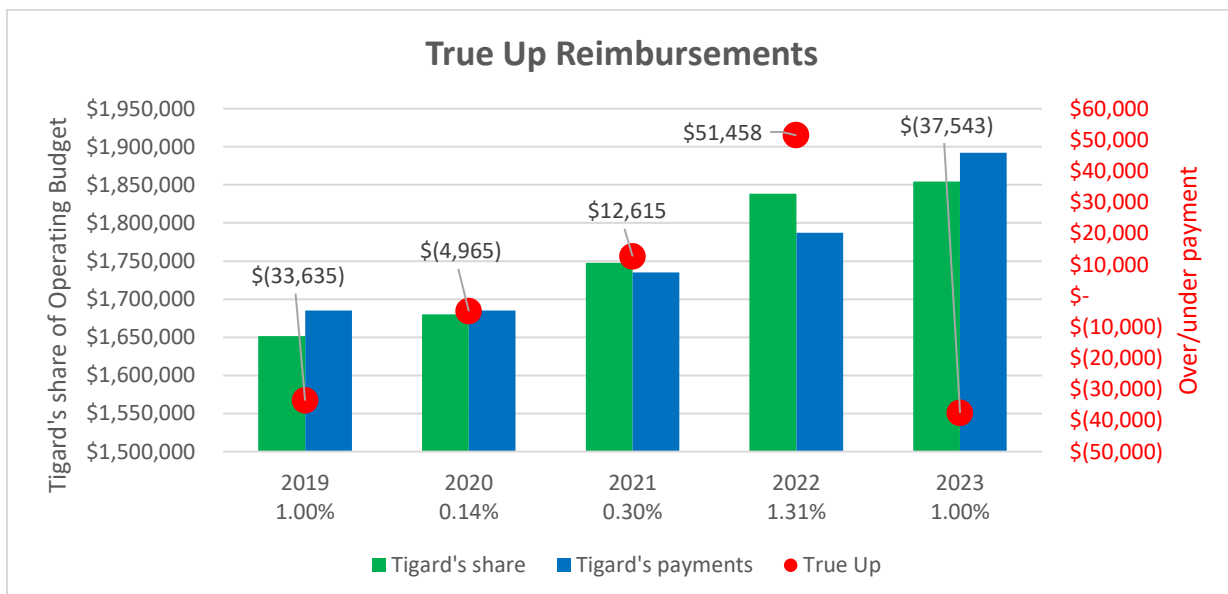


**Total Biennial Budget: \$9,794,000. Total Spent so far: \$3,047,338**



#### Examples of budget categories

- Personnel Services: Staff wages and benefits
- Internal Transfers: HR, IT, Legal support provided by City of Lake Oswego
- Ops & Personnel Support: Solids hauling, safety equip, training
- Bldg./Grounds Maintenance & Repairs: Landscaping, HVAC
- Prof & Tech, Contracted Services: Studies, Permits, Right-of-Way fees, certification fees
- Equipment Repair & Service: diagnosis, maintenance, repair, and replacement of equipment
- Electricity:
- Water Treatment Chemicals: Alum, Chlorine, Caustic Soda, Pax, various polymers



**Back Up Power Update:****Budget as of 4/9/2024:**

Spent \$362,448.93 out of \$2,025,000 budget

Spending so far has been focused on alternatives analysis, electrical design work, and land use acceptance by West Linn and Gladstone. Original budget anticipated permanent generators which would have necessitated engineering work in architecture, landscape, geotechnical, HVAC, sound attenuation, as well as more extensive land use review.

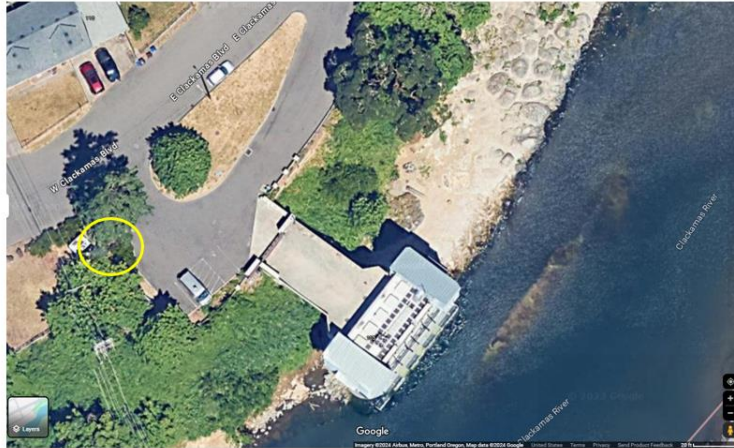
**Equipment Procurement:**

Large electrical equipment lead times have improved, but are still in the 30-week range for some items such as manual transfer switches and 3,000 and 4,000 amp breakers. We also have specialty transformer enclosures which require custom fabrication with lead times between 3 and 5 months.

**River Intake Pump Station**

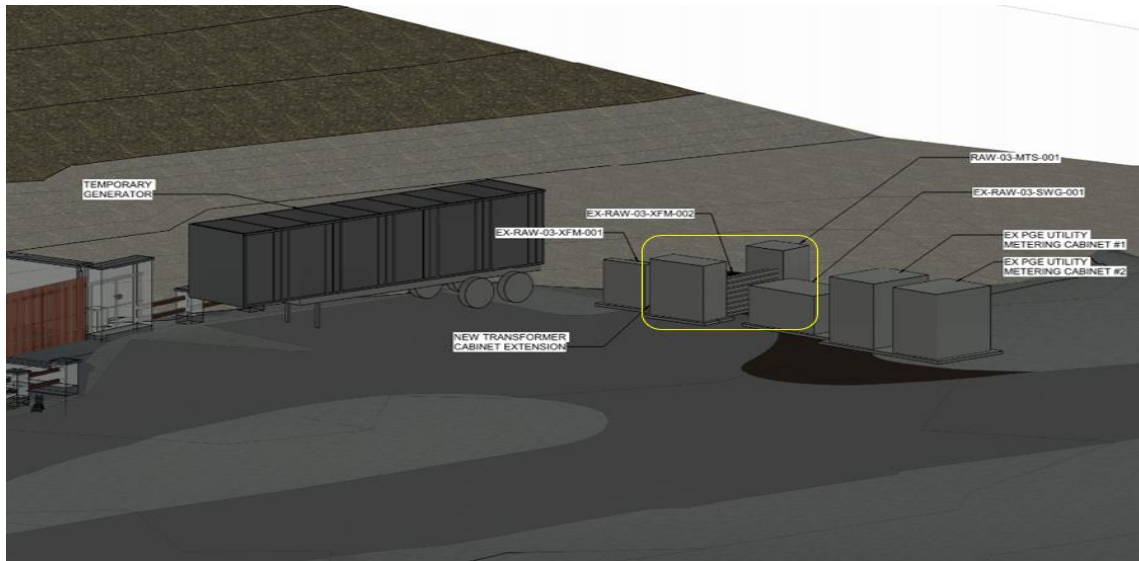
Passed Gladstone land use review with the only special condition being to contact Gladstone Public Works when we use a generator at the RIPS.

When work is complete the RIPS will be able to produce 38 million gallons per day.



## March 2024 Planning Commission Meeting Agenda Item No. 3 (CU-24-01)

River Intake Pump Station (RIPS) Electrical Docking Station Conditional Use



### Water Treatment Plant:

No land use review required by West Linn as this work is just an expansion of the existing small back up generator already on site.

When work is complete the WTP will be able to produce 30 million gallons per day (mgd). In order to produce 38 mgd a second plug in to the second transformer would be required.

