MINUTES OF THE REGULAR MEETING OF
THE BOARD OF TRUSTEES OF
DOUGLAS COUNTY LAKE TAHOE SEWER AUTHORITY
April 20, 2022

CALL TO ORDER:

A Meeting of the Board of Trustees of the Douglas County Lake Tahoe Sewer Authority (DCLTSA) was duly convened at 9:30 a.m. on Wednesday, April 20, 2022 at the Wastewater Treatment Plant, Stateline, Douglas County, Nevada.

ROLL CALL:

Present were Trustees Wes Rice, John McLaughlin, Darya Vogt, Rick Gardner and Chuck Fagen.

RECOGNITION OF OTHERS IN ATTENDANCE:

Also present were Authority Manager Rob Hopkins, Authority Controller Paula East-Janicki, Accountant Ying Johnson, Eric Heffernan, Authority Engineer, Rob Anderson and the Authority's legal counsel, Jim Cavilia.

PUBLIC COMMENT:

None.

APPROVAL OF AGENDA:

It was moved by Trustee Vogt, seconded by Trustee Fagen and carried unanimously that the agenda be approved and adopted as presented.

MINUTES OF PRIOR MEETING:

It was moved by Trustee Vogt, seconded by Trustee Fagen and carried unanimously that the minutes of the Meeting of the Board of Trustees of DCLTSA, dated March 16, 2022, be approved as presented.

MANAGER'S REPORT:

A. General Status Report

Authority Manager Rob Hopkins presented the Board with a written summary of various general matters related to the Authority and briefly summarized some items in the written report. The written report is incorporated in these minutes by this reference.

Mr. Hopkins reported that a problem with the remote reporting from the Kingsbury General Improvement District's (KGID) flowmeter was discovered, and Authority staff was working with

KGID staff to resolve the issue. Mr. Hopkins indicated that until the reporting issue is resolved, the meter will continue to be read manually and the results reported to the Authority.

Mr. Hopkins stated that the effluent storage tanks at the plant have recently been drained, cleaned and inspected by Authority staff.

With regard to the Treatment Plant Upgrades Project, Mr. Hopkins reported that testing of the new diffusers in the aeration basins has recently been completed.

Mr. Hopkins indicated that roofing materials have recently been delivered to the plant for completion of the re-roofing project on the mechanical building at the plant.

A failing isolation valve on a reservoir pump was recently replaced by Authority staff in early morning hours when inflow at the plant is lowest.

Finally, Mr. Hopkins reported that Authority staff is in the process of replacing pump controls for the reservoir and export pumps. By completing this work in-house, the Authority will save a substantial amount of money.

In response to an inquiry by Chairman Gardner, Mr. Hopkins indicated that only minor items remain to be completed with regard to the Treatment Plant Upgrades Project and that the Authority will begin making principal and interest payments as of July 1, 2022.

Chairman Gardner opened the floor to public comment regarding the matter. There was no public comment.

ENGINEER'S REPORT:

A. General Projects Status Report

In addition to his participation in the Manager's Report, Authority Engineer, Rob Anderson, presented correspondence dated April 19, 2022, briefly summarizing various issues that R.O. Anderson Engineering has been involved with on behalf of the Authority. The April 19, 2022 correspondence is incorporated in these minutes by this reference.

Mr. Anderson indicated that he had recently finished working with the Authority Manager and the Authority Controller to complete the 2021 flow report to be used for budgeting purposes. Mr. Anderson reported the average daily influent flow of approximately 1.05 million gallons per day was the lowest total flow since 2002 and was almost 5% less than the 2020 influent flow. As part of a general discussion of historic influent flows, the Authority Controller, Paula East-Janicki reported that flows from the casino core have been up significantly in recent months and that low flows last year are attributable, in large part, to the Caldor fire. In response to a question from a trustee, Ms. East-Janicki stated that the annual flow report is provided each year to the Authority's participating districts.

Mr. Anderson reported that work on the Mechanical Building roof was scheduled to start soon.

With regard to the Tahoe South Events Center (TSEC), Mr. Anderson indicated that review of plans for the proposed sewer connection was underway in cooperation with Authority staff. In response to an inquiry from Chairman Gardner, Mr. Anderson indicated that review of the plans related to the TSEC would be completed as quickly as possible.

Chairman Gardner opened the floor to public comment regarding the matter. There was no public comment.

AUTHORITY CONTROLLER'S REPORT:

A. General Status Report

Ms. East-Janicki provided the Board with a brief written report and indicated that operating expenses were almost 10% under budget through February. Ms. East-Janicki stated that the Authority has kept costs down by operating with fewer employees. Ms. East-Janicki explained that fifteen years ago the Authority had 22 full-time employees and now operates with only 11 full-time employees. Mr. Hopkins stated that repair and maintenance costs have been significantly under-budget because most of the work has been completed in-house by Authority staff.

Ms. East-Janicki reported that contractors for the Tahoe Beach Club (TBC) have recently completed repair of a manhole leak in the sewer interconnection and the final portion of TBC's security deposit has been returned.

Finally, Ms. East-Janicki indicated that the Authority's insurance broker has recently added coverage for the now completed plant upgrades at a value of $9 million at a premium cost of $1,600 per year.

Chairman Gardner opened the floor to public comment regarding the matter. There was no public comment.

B. Discussion and possible adoption of the five-year Capital Development Plan to be submitted to the State Department of Taxation as part of the Debt Management Plan for Fiscal Year 2022-2023.

Ms. East-Janicki presented the Board with a copy of the proposed five-year Capital Development Plan, explaining that no major construction projects are planned for the upcoming year based upon the amount of work being completed this year and the increasing costs currently.

Ms. East-Janicki explained that the largest capital project being planned for the upcoming year would be completed in-house and involves electrical and equipment improvements to the beach and main pump stations. Ms. East-Janicki indicated that this project will reduce annual operating and maintenance costs.

Although the project is not planned to begin in the upcoming year, Ms. East-Janicki reported that the largest capital improvement project planned over the next five years involves replacement of

the effluent export pipeline. Ms. East-Janicki emphasized that the Capital Development Plan is never set in stone, but that it is necessary to adopt the plan annually for budgeting purposes.

In explaining how projects are planned and prioritized, Mr. Hopkins stated that a thorough video evaluation of the Authority's sewage collection system should be conducted before scheduling replacement of that system in the future.

Following a brief discussion among the Trustees, **it was moved by Trustee Vogt, seconded by Trustee Rice and carried unanimously that the Capital Development Plan be approved and adopted as presented.**

C. Investment Report

Ms. East-Janicki had a written summary of the Authority's investments available, showing a total of approximately $12.8 million invested with only $735,000.00 of that amount remaining in CDs. The balance of the Authority's investments are entirely liquid. Based upon CD rates beginning to rise, Ms. East-Janicki anticipates moving some funds into CDs.

Ms. East-Janicki explained that the Authority's invested funds are held in the following funds:

Construction Fund	Approximately $3.3 million
Plant Emergency Repair Fund	Approximately $3.65 million
General Fund	Approximately $5.5 million
Other Post Employment Benefits (OPEB)	Approximately $350,000

Chairman Gardner opened the floor to public comment regarding the matter. There was no public comment.

APPROVAL OF CLAIMS:

The claims along with the Authority's check register were provided to the Board. Chairman Gardner indicated that he had signed off on the claims.

Chairman Gardner opened the floor to public comment regarding the matter. There was no public comment.

Reports/updates from Board of Trustees concerning the areas or districts they represent

Trustee Vogt reported that KGID is currently engaged in labor negotiations with its employees and that KGID is continuing its search for new office space when KGID's current lease expires in approximately two (2) years.

Trustee Fagen reported that Round Hill General Improvement District (RHGID) recently completed labor negotiations with its employees, ultimately providing the employees with a 5% wage increase. With regard to the installation of RHGID's new sewage meter, Trustee Fagen indicated that installation was scheduled to begin in May.

Trustee Rice reported that Douglas County recently provided its employees with a 2% retroactive pay increase as well as a 5% increase in the upcoming fiscal year. Trustee Rice added that a formal evaluation of the County Manager was scheduled. Trustee Rice stated that he was also working on his re-election to the Board of Commissioners and that he was grateful for the support he has received to date. Finally, Trustee Rice reported that the "topping off" ceremony for the TSEC was scheduled to take place on May 6th.

Trustee McLaughlin provided the Board with a summary of plans to fund a micro-transit system in connection with the TSEC, explaining that $500,000 was raised by local businesses with one-half of one percent of the Tahoe Transient Occupancy Tax (TOT) to also fund the project. Trustee McLaughlin indicated that despite Douglas County currently considering the possibility of redirecting the TOT, the micro-transit program is scheduled to begin operating in June with private funding.

Trustee McLaughlin indicated that in the first quarter of 2022, revenue at the casino core is up and that the business community is looking forward to a good summer.

Trustee Rice added that the TSEC is scheduled to be completed in February/March 2023 with events being booked for the second quarter of 2023.

Chairman Gardner reported that Tahoe Douglas District (TDD) had recently approved a rate increase based upon a rate study prepared by a third-party and that TDD now has a logical plan for rates going forward. Chairman Gardner stated that TDD was recently named in a lawsuit related to Skyland Homeowners Association and that a mutually acceptable resolution was being worked on. Finally, Chairman Gardner reported that he has not filed for re-election to remain on the TDD Board and as a result he would no longer be on the Authority Board of Trustees as of December 31, 2022.

Chairman Gardner opened the floor to public comment regarding the matter. There was no public comment.

Discussion and possible action regarding Edgewood sewer interceptor/inter-tie project and request by Edgewood Companies for Douglas County Lake Tahoe Sewer Authority to cost-share in the amount of $336, 646.00.

Trustee McLaughlin stated that based upon his position with Edgewood Companies he was recusing himself from consideration of this matter as a Trustee and that he would be representing Edgewood Companies on the matter as the result of Edgewood's Steve Habaradas being unavailable.

At the request of Chairman Gardner, Authority Engineer Rob Anderson presented the Board with a written chronology of Edgewood's actions related to its interconnection of Edgewood's new improvements to the Authority's collection system and the possible relocation of a portion of the Authority's collection improvements. Mr. Anderson explained that the possible relocation of the Authority sewer interceptor line was originally proposed by Edgewood in late 2018. Mr. Anderson

added that in May of 2019, he recommended, as part of his regular Engineer's Report, approximately 240 feet of the Authority's eighteen-inch interceptor line that had a slope that was less than ideal be replaced and that the Authority consider participating in the cost because of the benefit provided to the Authority. At the time, replacement of the length of interceptor was anticipated to have a cost of approximately $75,000.

Mr. Anderson continued to describe the chronology of Edgewood's evolving plans for improvements in the area and how that impacted the Authority's interceptor in the area. As part of those evolving plans, Edgewood planned the realignment of the Golf Course Creek in such a manner that could negatively impact the Authority's interceptor in that area. Mr. Anderson explained that, at that time, the Authority worked with Edgewood to design the improvements in such a manner that crossings of the creek by the Authority's interceptor would be minimized. Mr. Anderson stated that what was now being proposed by Edgewood was significantly more extensive and now involves more than 800 feet of interceptor line as well as relocation of the Authority's South Tahoe Public Utility District (STPUD) intertie.

In response to an inquiry from Chairman Gardner, Jim Cavilia, the Authority's legal counsel, indicated that at no time had a prior Authority Board taken any action to cost share with Edgewood in any improvements. Mr. Cavilia explained that the possibility of sharing costs with Edgewood was discussed based upon the project as proposed in 2019. Mr. Cavilia emphasized that the current plan was entirely different and the current Board should evaluate the current proposal on its own based upon the advice of its staff and Authority engineer.

Mr. Anderson, in replying to a question from Chairman Gardner, indicated that the actual condition of the Authority's interceptor line in the area could not be determined for certain without additional investigation. Mr. Anderson did explain that a portion of the interceptor line that was inadvertently damaged by Edgewood's contractor in 2019 was not in good condition.

Mr. Hopkins added that in 2019, Edgewood's plan provided the Authority with an opportunity to fix an issue related to the slope of interceptor line, but the plan being considered now is entirely different and includes the relocation of a significant portion of the interceptor line. Mr. Hopkins stated that based upon the current plan being considered, the property owner would normally be required to pay for the entire cost of relocating the line. Mr. Hopkins recommended that the Board not approve Edgewood's request to share in the cost of the improvements at this time. Mr. Hopkins emphasized his concern about the potential precedent it would set by agreeing to Edgewood's proposal to cost share.

Chairman Gardner opened the floor to public comment regarding the matter. There was no public comment.

Following a discussion among the Trustees about the pros and cons of the Edgewood proposal, **it was moved by Trustee Rice, seconded by Trustee Fagen and carried unanimously that the request by Edgewood Companies be continued to a future meeting of the Board.**

PUBLIC COMMENT:

There was no public comment.

ADJOURNMENT:

There being no further business, the meeting was adjourned at 11:40 a.m.

APPROVED

4879-3543-1198, v. 1

Meeting Date: April 20th, 2022

DOUGLAS COUNTY LAKE TAHOE SEWER AUTHORITY
Staff Report

Subject / Title:

Authority Manager's Monthly Report – April 2022
A. General Status Report

Staff Recommendation:

None. This is an informational item only.

Discussion/Report:

This item serves to afford the Authority General Manager the opportunity to update the DCLTSA Board of Trustees on select activities over the previous month(s).

1. DCLTSA staff noticed that in early April that the KGID flowmeter that reports sewer flows to the DCLTSA plant had quit reporting. DCLTSA technicians have notified KGID Manager Mitch Dion, and we have assisted in troubleshooting the issue with KGID. It appears that the old Programmable Logic Controller (PLC) on the KGID flowmeter has failed. DCLTSA staff has forwarded contact information for Tesco technicians who should be able to assist KGID in procuring and installing a replacement PLC unit. In the meantime, KGID flows are being manually read daily, and reported back to DCLTSA for recording.

2. DCLTSA staff drained, cleaned and inspected both of the Authority's 600,000 treated effluent storage tanks this month. This is routine maintenance to assure the Authority continues to meet its Discharge Permit conditions.

3. OTT, the company which provided DCLTSA with the new tube-type fine air diffusers for the aeration basins, performed off-gas oxygen testing this month. This test is part of the process which begins the warranty period on the OTT diffusers. The testing was witnessed by DCLTSA staff and K.G. Walters personnel. Test results from OTT are pending at the time of this writing. (Photo attached)

4. Roofing materials have been delivered for the re-roofing project on the main Mechanical Building at the Treatment Plant. Work is anticipated to commence mid-April, weather permitting.

5. Staff replaced a failing isolation valve on Reservoir Pump #1 this month. This work was done in the early morning hours when influent flow loads at the plant are lowest.

6. Work is in progress to completely replace the antiquated pump control PLC units that control the Reservoir and Export pumps in the Export Building. Most of the work to build and program this new, sophisticated computer control system has been done utilizing DCLTSA in-house talent. A several-year-old estimate to have an outside contractor perform this work was over $130,000 dollars. DCLTSA conservatively estimates that we have saved many tens of thousands of dollars by building the unit in house. “Bench-testing” or performance testing is underway, with help from Tesco controls, to verify proper operation prior to removal of the older model PLC panels. (Photo attached.)



Off-Gas Oxygen Testing in Aeration Train #1



Bench Testing of new Export Building PLC gear

R|O|Anderson

April 19, 2022

Board of Directors
DOUGLAS COUNTY LAKE TAHOE SEWER AUTHORITY
P.O. Box 578
Zephyr Cove, NV 89448

Authority Engineer's Monthly Report – April 2022

Dear Members of the Board:

The following report presents a summary of activities undertaken on behalf of the Sewer Authority since our last meeting together on March 16, 2022. During this period, we provided general engineering support and project review services on various projects as assigned. The following paragraphs provide a brief description of these efforts and progress related to each specific task.

General Engineering Services: R.O. Anderson Engineering, Inc. (ROA) assisted and participated with Authority personnel on engineering-related assignments on an as-requested basis. A summary of each follows.

- Annual Flow Report: Since my last report, we assisted the Authority Controller and Authority Manager prepare and complete the 2021 Flow Report. The complete report is available at the Authority's office for review. It is noteworthy though that the total flow in 2021 was 383.1 million gallons (1.05 million gallons per day). This is the lowest total influent flow measured at the plant since 2002, and almost 5% less than the total flow measured in 2020. A copy of Table 5 and Figure 2 of the report that together summarize these flow trends is attached for your consideration.

- 2021 Mechanical Building Roof Replacement: On March 31st the contractor delivered the materials for the project. The actual start date remains in flux in part due to the unsettled weather patterns over the past three weeks. The contract completion date is May 31, 2022.

Tahoe South Events Center: Earlier this week, we received an alternate design of the proposed sewer connection for the Events Center. I have not yet reviewed the design drawing in detail, but it appears to propose a point of connection that avoids the elevation conflict with the existing natural gas pipeline. We will with Authority personnel to timely complete our review of this new design and respond accordingly.

Physical
1603 Esmeralda Avenue
Minden, Nevada 89423
P 775.782.2322

Mailing
P.O. Box 2229
Minden, Nevada 89423
P 775.782.2322

OFFICES
Minden, Nevada
Reno, Nevada

Additionally, we received the updated design drawings from the Events Center's engineering representative, Eastern Sierra Engineering, for the two replacement mains that parallel US. Highway 50. We completed our review of those drawings and will provide our comments to the owner's representative later this week.

I will be present during the Board meeting and available then to review this information in greater detail, as well as address any specific questions or concerns Board members might have relative to these subjects. Thank you for your continued confidence and the opportunity to provide these services.

Yours faithfully,

R.O. ANDERSON ENGINEERING, INC.

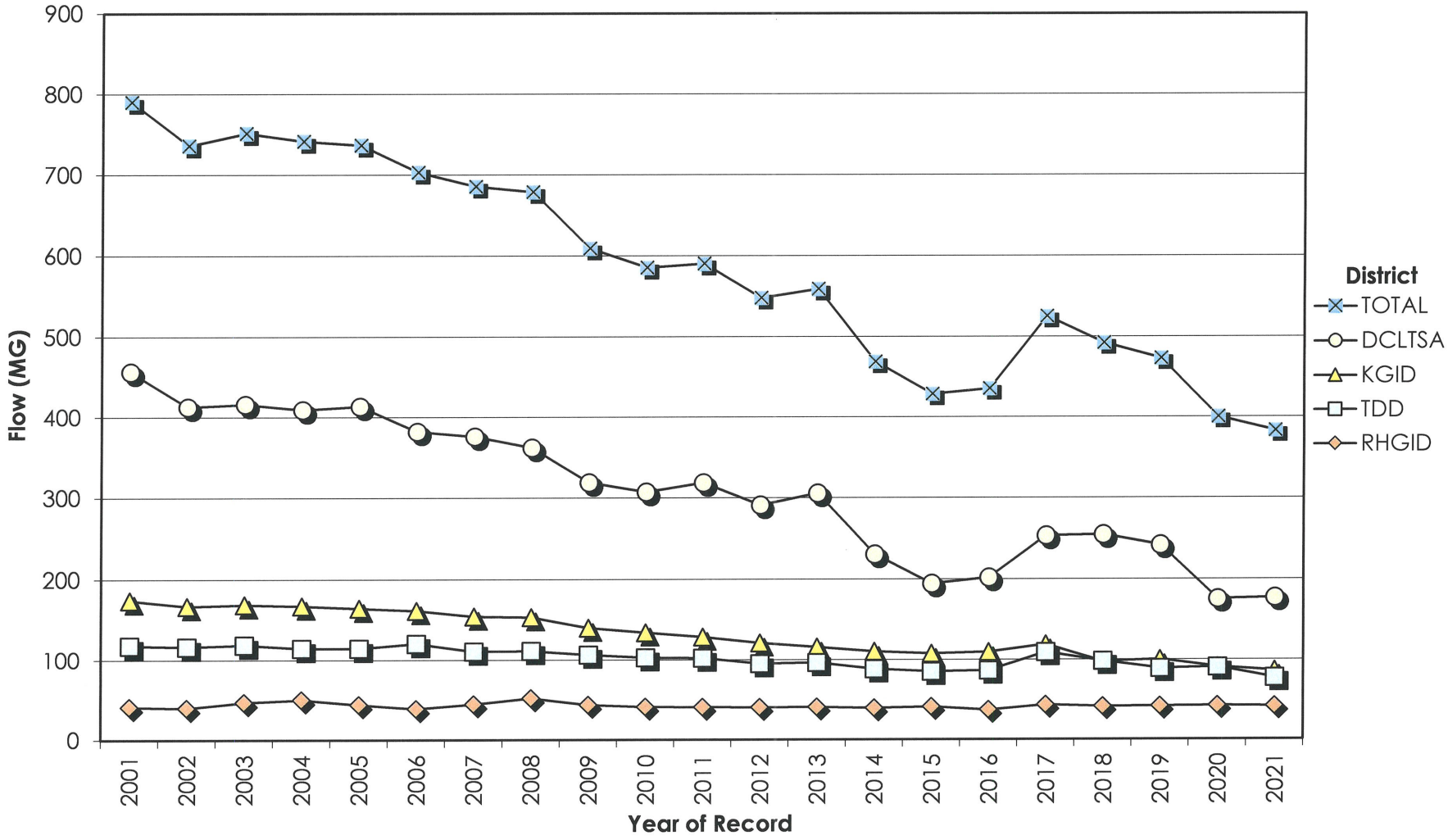
Robert O. Anderson, PE, WRS, CFM
Principal Engineer

cc: Jim Cavilia, Esq.
Paula East-Janicki
Rob Hopkins

Table 5

Historical Annual Flows By District

Year	DCLTSA			RHGID			KGID			TDD			Total	
	Flow (MG)	% Total Contribution for Year	Flow Change from Prior Year (%)	Flow (MG)	% Total Contribution for Year	Flow Change from Prior Year (%)	Flow (MG)	% Total Contribution for Year	Flow Change from Prior Year (%)	Flow (MG)	% Total Contribution for Year	Flow Change from Prior Year (%)	Flow (MG)	Flow Change from Prior Year (%)
2021	177.462	46.32%	0.94%	41.623	10.87%	-2.08%	86.423	22.56%	-5.09%	77.585	20.25%	-14.43%	383.093	-4.24%
2020	175.805	43.95%	-27.28%	42.507	10.63%	2.19%	91.058	22.76%	-9.46%	90.667	22.66%	1.85%	400.037	-15.42%
2019	241.760	51.12%	-5.02%	41.597	8.80%	0.43%	100.572	21.26%	2.73%	89.023	18.82%	-9.50%	472.952	-3.92%
2018	254.540	51.71%	0.55%	41.419	8.41%	-4.42%	97.897	19.89%	-17.89%	98.367	19.98%	-10.12%	492.223	-6.27%
2017	253.153	48.20%	25.33%	43.333	8.25%	16.59%	119.234	22.70%	8.60%	109.439	20.84%	26.50%	525.159	20.60%
2016	201.988	46.39%	3.89%	37.168	8.54%	-9.70%	109.792	25.21%	1.68%	86.510	19.87%	1.52%	435.458	1.56%
2015	194.427	45.34%	-15.65%	41.161	9.60%	4.53%	107.975	25.18%	-2.20%	85.218	19.87%	-3.78%	428.780	-8.55%
2014	230.496	49.16%	-24.54%	39.377	8.40%	-3.74%	110.407	23.55%	-4.96%	88.568	18.89%	-8.36%	468.848	-16.16%
2013	305.461	54.63%	5.00%	40.908	7.32%	1.22%	116.167	20.77%	-4.15%	96.649	17.28%	1.31%	559.185	2.06%
2012	290.905	53.09%	-8.67%	40.416	7.38%	-0.69%	121.191	22.12%	-5.83%	95.401	17.41%	-6.81%	547.913	-7.18%
2011	318.529	53.96%	3.70%	40.698	6.89%	-0.88%	128.693	21.80%	-4.10%	102.378	17.34%	-0.60%	590.298	0.84%
2010	307.166	52.47%	-3.67%	41.061	7.01%	-5.92%	134.190	22.92%	-4.12%	102.993	17.59%	-3.44%	585.409	-3.89%
2009	318.871	52.35%	-11.85%	43.644	7.17%	-16.47%	139.950	22.98%	-8.73%	106.660	17.51%	-4.38%	609.125	-10.27%
2008	361.731	53.29%	-3.76%	52.252	7.70%	17.29%	153.328	22.59%	-0.58%	111.542	16.43%	0.68%	678.853	-0.96%
2007	375.873	54.84%	-1.60%	44.549	6.50%	14.23%	154.224	22.50%	-4.49%	110.785	16.16%	-8.15%	685.431	-2.51%
2006	381.974	54.33%	-7.60%	38.998	5.55%	-11.13%	161.482	22.97%	-1.70%	120.612	17.16%	5.09%	703.066	-4.51%
2005	413.384	56.14%	1.00%	43.880	5.96%	-12.37%	164.276	22.31%	-1.80%	114.769	15.59%	0.07%	736.309	-0.67%
2004	409.271	55.21%	-1.65%	50.073	6.75%	6.50%	167.281	22.57%	-0.88%	114.687	15.47%	-3.66%	741.312	-1.29%
2003	416.148	55.42%	0.85%	47.018	6.26%	18.28%	168.761	22.47%	1.03%	119.039	15.85%	2.15%	750.966	2.04%
2002	412.646	56.07%	-9.62%	39.753	5.40%	-3.63%	167.036	22.70%	-4.09%	116.536	15.83%	-1.33%	735.971	-6.85%


900
800
700
600
500
400
300
200
100
0
Flow (MG)
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
Year of Record
District
TOTAL
DCLTSA
KGID
TDD
RHGID

CONTROLLER'S GENERAL STATUS REPORT

April 20, 2022

- The spreadsheet in your board packet shows through February, operating expenses are almost 10% under budget. As we discussed last month, this is largely because we are shorter staffed than in the past. When I came to work here, 15 years ago, there were 22 full-time employees. At the current time, we have 11. The other line item that is significantly under budget is repairs and maintenance. By doing most work in-house, we have been able to avoid much higher vendor fees. I can't say enough about how fortunate we are to have skilled employees willing to work really hard and often long hours.

- During the past month, the contractors at Tahoe Beach CIub finally fixed the leak in the manhole installed during their work to relocate a portion of our gravity sewer main to accommodate the TBC Clubhouse. Summit Plumbing performed a camera inspection of the line and verified the fix. Therefore, we returned the last portion of the security deposit they'd posted with us, $15,758.

- Alan Reed, the insurance broker for our Pool Pact Insurance, has informed me that the roughly $9,000,000 of additional comprehensive coverage required from the Plant Upgrades Project will cost approximately $1,600 per year. I had already built that amount, along with the 10% projected overall insurance increase into the budget, so I was relieved to get that confirmation.

Five-Year Capital Development Plan

- Included in the Board packet was a tentative Capital Development Plan for the coming five fiscal years. We have discussed this internally and the consensus is that planning construction in the coming year doesn't make sense due to inflation, the difficulty in getting materials in a timely manner, and the unknown cost of labor. Therefore, in the coming year, we would like to utilize approximately $1.5 million dollars on what we've called the Beach and Main Pump Station Electrical and Equipment Improvements. This work largely entails upgrading or replacing aging existing equipment, and will be completed with our in-house talent, so we can maintain better cost controls.

- The project would include installing an engine driven emergency backup pump and replacing and upsizing the generator at the Main Pump Station. We would like to upgrade/replace the VFD control cabinets controls at the Main utilizing in-house labor and install a package odor scrubber to keep H_2S fumes from damaging the electrical system.

- At the Beach Pump Station we plan to install flushless mechanical seals on the pumps that require very minimal water to run, thus decreasing our month to month water expenses. The Variable Frequency Drives in the Redundant Beach Pump Station need to be replaced, and we need to install two-level ladders, to ensure another way out of the bottom floors in case the elevator failed. OSHA suggested that when they visited last year. We also intend to install a "Channel Grinder" in the Beach Pump Station wet well, which will break up rags and debris before it gets into the pumps and equipment at the

pump stations and plant. This will help reduce wear on equipment and cut down on overtime and after-hours service callouts.

- These are primarily equipment replacement items, with the exception of the Odor Scrubber and the Channel Grinder. As noted, we will be using in-house expertise to order and install all of these components. As we've seen with the Motor Control Cabinet for the RAS pumps (the final $90,000 allotted to the Aeration Basin and Plant Upgrades Project), we will likely experience long lead times, so would order the equipment now for the next fiscal year.

- This is the final year of the previously approved rate increase for the purpose of funding the capital development plan. The largest project over the future five years is the replacement of the Effluent Pipeline. In the Capital Development Plan, I have allocated $8 million to that project over 4 years, beginning July of 2023 through June of 2027. The pipeline will need to be replaced, or constructed along side the existing line in phases. Prior to beginning that, a line assessment will be performed so that the sections of pipeline most at risk of failure are replaced first.

- This Capital Development Plan is not set in stone, but the figures projected will be included in the final budget and must match exactly. Projects listed there are paid for from Construction Fund Special Assessment monies that are part of rates.

- If there are no questions, I would ask that you adopt the Capital Development Plan as set forth, so I can use these figures in the final budget which will be presented next month.

Investment Report

- We have almost $12.8 million invested in liquid Wells Fargo and Local Government Investment Pool (LGIP) accounts and longer- term laddered CD's. Only $735,000 of that amount is tied up in CD's. The remaining investments are entirely liquid.

- CD rates are starting to climb. We have one CD maturing on the 25th at 2.6%, but rather than the .25% or .6% offered for reinvestment, the average for a one-year CD is now 1.3%.

- The division of invested funds is as follows:

    - $3,303,050 in the Construction Fund. This is restricted for use on projects from the Capital Development Plan and the debt service on our capital loans. This fund is fed with annual Capital Assessment money.

    - $3,650,380 in the Plant Emergency Repair Fund. This is restricted for use in emergency situations or to expand plant capacity. This fund only grows with investment interest.

    - $5,490,150 in the General Fund. These funds are not restricted. When rate money comes in, it is deposited to the General Fund. When money is refunded to the participating districts, it comes out of this fund. Ongoing maintenance and operations expenses are paid from this fund.

    - $350,150 is set aside in an investment account to offset future OPEB (Other Post-Employment Benefits) obligations.

Claims and Check Register

The check register and wires since the last meeting are in the Board packet. If there are no questions, I will ask the Board Treasurer to sign them and return them to me for our records.

DOUGLAS COUNTY LAKE TAHOE SEWER AUTHORITY

FEBRUARY 2021-2022 BUDGET VS. ACTUAL

	FEBRUARY	Budgeted	Variance	Comments
Salaries	$ 798,954.58	$ 853,023.33	$ 54,068.75	
OT/Callback	$ 22,863.13	$ 12,795.33	$ (10,067.80)	Short staffed
Holiday	$ 10,860.71	$ 10,538.00	$ (322.71)	10 Holidays of 11
NTD		$ -	$ -	
Longevity	$ 4,270.00	$ 4,270.00	$ -	
Stand-By Pay	$ 10,457.14	$ 10,642.67	$ 185.53	
Health Insurance	$ 199,837.83	$ 208,502.67	$ 8,664.84	
State Retirement (PERS)	$ 215,417.39	$ 257,790.67	$ 42,373.28	
SIIS (Workers Comp)	$ 13,864.00	$ 31,891.33	$ 18,027.33	Smaller Increase than Expected
Medicare Tax	$ 13,109.25	$ 12,902.67	$ (206.58)	
Unemployment Insurance	$ 45.00	$ 15,946.67	$ 15,901.67	Annual EMRB Fee
Contract Svcs	$ -	$ -	$ -	
OPEB Expense	$ 19,240.75	$ 33,333.33	$ 14,092.59	Estimate
Salaries/Benefits	**$ 1,308,919.78**	**$ 1,451,636.67**	**$ 142,716.89**	
Electric Power	$ 156,520.39	$ 153,833.33	$ (2,687.06)	
Electric Power - BPS	$ 9,849.89	$ 7,333.33	$ (2,516.56)	
Electric Power - MPS	$ 41,732.40	$ 36,333.33	$ (5,399.07)	

FEBRUARY 2021-2022 BUDGET VS. ACTUAL

	FEBRUARY	Budgeted	Variance	Comments
Natural Gas	$ 6,827.46	$ 6,666.67	$ (160.79)	
Natural Gas - BPS	$ 882.26	$ 600.00	$ (282.26)	"
Natural Gas - MPS	$ 237.88	$ 243.33	$ 5.45	
Water	$ 8,344.00	$ 8,266.67	$ (77.33)	
Water - BPS	$ 2,838.77	$ 2,000.00	$ (838.77)	Under-budgeted
Water - MPS	$ 13,395.35	$ 6,733.33	$ (6,662.02)	"
Solid Waste Removal	$ 3,912.16	$ 3,103.33	$ (808.83)	More grit and rags w/new process
Utilities	**$ 244,540.56**	**$ 225,113.33**	**$ (19,427.23)**	
Chemicals	$ 43,494.56	$ 44,666.67	$ 1,172.11	
Lab Supplies	$ 3,102.01	$ 1,833.33	$ (1,268.68)	Extra tests for process change
Supplies	$ -	$ -	$ -	
Chemicals/Supplies	**$ 46,596.57**	**$ 46,500.00**	**$ (96.57)**	
Legal Services	$ 13,388.50	$ 26,666.67	$ 13,278.17	
Accounting	$ 54,110.04	$ 36,900.00	$ (17,210.04)	Audit fees will smooth by year end
Legal/Accounting	**$ 67,498.54**	**$ 63,566.67**	**$ (3,931.87)**	

FEBRUARY 2021-2022 BUDGET VS. ACTUAL

	FEBRUARY	Budgeted	Variance	Comments
Engineering	$ 32,491.50	$ 40,000.00	$ 7,508.50	
Engineering - BPS	$ -	$ -	$ -	
Engineering - MPS	$ -	$ -	$ -	
Engineering - In-District	$ -	$ -	$ -	
Consulting	$ 13,600.00	$ 22,666.67	$ 9,066.67	
Engineering/Consulting	**$ 46,091.50**	**$ 62,666.67**	**$ 16,575.17**	
Maintenance Export Line	$ -	$ 13,000.00	$ 13,000.00	
Maintenance Collection System	$ 42,000.00	$ 47,000.00	$ 5,000.00	
Repairs Collection System	$ -	$ 1,000.00	$ 1,000.00	
Computer Maintenance/Supplies	$ 159.99	$ 3,333.33	$ 3,173.34	
Annual Software Licenses	$ 7,078.01	$ 16,333.33	$ 9,255.32	
SCADA Support	$ 3,427.60	$ 12,000.00	$ 8,572.40	
Repairs - Vehicles	$ 4,128.60	$ 6,700.00	$ 2,571.40	
Repairs - Mechanical	$ 19,762.73	$ 30,000.00	$ 10,237.27	
Repairs - Mechanical BPS	$ 2,102.70	$ 4,666.67	$ 2,563.97	
Repairs - Mechanical MPS	$ 354.07	$ 7,333.33	$ 6,979.26	
Emergency Repairs		$ -	$ -	

FEBRUARY 2021-2022 BUDGET VS. ACTUAL

	FEBRUARY	Budgeted	Variance	Comments
Repairs Bldg & Grounds	$ 2,635.98	$ 5,200.00	$ 2,564.02	
Repairs Bldg & Grounds - BPS	$ -	$ 666.67	$ 666.67	
Repairs Bldg & Grounds - MPS	$ -	$ -	$ -	
Repairs Heating	$ -	$ 550.00	$ 550.00	
Repairs Heating	$ -	$ 666.67	$ 666.67	
Repairs Heating	$ -	$ -	$ -	
Repairs Electrical	$ 4,887.43	$ 1,116.67	$ (3,770.76)	Upgrade project related works
Repairs Electrical	$ -	$ 666.67	$ 666.67	
Repairs Electrical	$ -	$ 333.33	$ 333.33	
Repairs Instruments	$ 8,766.00	$ 6,666.67	$ (2,099.33)	Smart Cover Annual Agreement
Equipment Rental	$ 1,772.18	$ 2,000.00	$ 227.82	
Maintenance Supplies	$ 7,722.71	$ 3,400.00	$ (4,322.71)	Cost of hardware material skyrocketed
Safety Equipment	$ 3,303.14	$ 5,333.33	$ 2,030.19	
Odor Control System Maintenance	$ 54.92	$ 12,666.67	$ 12,611.75	
Repairs/Maintenance	**$ 108,156.06**	**$ 180,633.33**	**$ 72,477.27**	
Casualty Insurance	$ 58,293.52	$ 67,200.00	$ 8,906.48	Smaller Increase than expected
Pollution Liability Insurance	$ -	$ -	$ -	
Insurance	**$ 58,293.52**	**$ 67,200.00**	**$ 8,906.48**	

FEBRUARY 2021-2022 BUDGET VS. ACTUAL

	FEBRUARY	Budgeted	Variance	Comments
Telephone	$ 12,489.80	$ 13,666.67	$ 1,176.87	
Telephone	$ 272.92	$ 766.67	$ 493.75	
Telephone	$ -	$ -	$ -	
Small Tools & Equipment	$ 7,643.98	$ 5,350.00	$ (2,293.98)	In-House Projects
Laundry and Linen	$ 2,240.57	$ 2,333.33	$ 92.76	
Forest Svc. Fee	$ 1,234.32	$ 500.00	$ (734.32)	3 year fee
Training, Dues & Subscriptions	$ 1,032.00	$ 3,333.33	$ 2,301.33	
Office Expenses	$ 5,935.38	$ 8,000.00	$ 2,064.62	
Travel	$ -	$ -	$ -	
Sample Testing	$ 35,965.33	$ 30,483.33	$ (5,482.00)	More testing for new process
Operating Lease	$ -	$ -	$ -	
Biosolids Disposal	$ 34,429.21	$ 37,766.67	$ 3,337.46	
Underground Service Alert	$ 397.26	$ 333.33	$ (63.93)	Ann. Membership Fee
Permit Fees	$ 9,579.92	$ 8,833.33	$ (746.59)	Most Paid at Beginning of Year
Misc Exp and Bank Fees	$ 5,816.23	$ 7,133.33	$ 1,317.10	
Other Operating Expenses	**$ 117,036.92**	**$ 118,500.00**	**$ 1,463.08**	

FEBRUARY 2021-2022 BUDGET VS. ACTUAL

	FEBRUARY	Budgeted	Variance	Comments
Fuels and Lubricants	$ 12,450.51	$ 15,240.00	$ 2,789.49	
Fuels & Lubricants	**$ 12,450.51**	**$ 15,240.00**	**$ 2,789.49**	
Total Operating Expenses Thru FEBRUARY	**$ 2,009,583.96**	**$ 2,231,056.67**	**$ 221,472.71**	
			9.93%	

DOUGLAS COUNTY LAKE TAHOE SEWER AUTHORITY
CAPITAL DEVELOPMENT PLAN

Presented for Board Approval - April 20, 2022

Approximate 5.6% rate increase yearly
5 years beginning 2018/2019

2022/2023 = Year 5

Project		Actual Prior 15 Years	Actual 2020/2021	Estimated 2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	Total
Priority Projects										
Beach and Main Pump Station Electrical and Equipment Improvements	Design/Permits				$250,000					$250,000
	Construction				$1,250,000					$1,250,000
	Total	$0			$1,500,000					$1,500,000
Aeration Basin, Grit and Headworks Improvements	Design/Permits	$761,164	$623,365	$250,647						$1,635,176
	Construction	$1,209,166	$2,860,422	$3,004,247	$90,000					$7,163,835
	Total	$1,970,331	$3,483,787	$3,254,894	$90,000					$8,799,011
Effluent Pipeline Replacement	Design/Permits	$10,011	$627,903							$637,914
	Construction		$1,100,000			$2,000,000	$2,000,000	$2,000,000	$2,000,000	$9,100,000
	Total	$10,011	$1,727,903	$0	$0	$2,000,000	$2,000,000	$2,000,000	$2,000,000	$9,737,914
Underground Emergency Storage	Design/Permits						$320,000			$320,000
	Construction							$1,600,000		$1,600,000
	Total	$0	$0	$0	$0		$320,000	$1,600,000		$1,920,000
Lower Priority - To Be Deferred										
Metering for IS-2 Energy	Total									$0
Pine Nut Reservoir Rebuild/Line (Future $12,000,000 not represented here)	Design/Permits	$579,518								$579,518
	Construction									$0
	Total	$579,518								$579,518
Completed Projects										
Reservoir Sludge Removal	Total	$1,078,607								$1,078,607
Main Pump Station Rehabilitation	Total	$2,210,198								$2,210,198
Underground Emergency Storage (Initial)	Total	$2,011,318	$306,239							$2,317,557
STPUD Inter-tie		$1,411,476								$1,411,476
Muller Effluent Line Relocation (Per NDOT)	Total	$701,835								$701,835
Automated Sampling	Total	$616,993								$616,993
Reservoir Sludge Removal	Total	$1,078,607								$1,078,607
Beach Pump Station Rehabilitation	Total	$453,810								$453,810
Sodium Hypochlorite Conversion	Total	$830,594								$830,594
Reservoir Lining Design	Total	$750,277								$750,277
Back-up Centrifuge	Total	$258,196								$258,196
SCADA System/Fiber Connectivity	Total	$514,157								$514,157
Thickener Project	Total	$215,431								$215,431
Prior Years' Completed Projects	Total	$13,730,700								$13,730,700
Expenditures: Projects		$28,422,059	$5,517,929	$3,254,894	$1,590,000	$2,000,000	$2,320,000	$3,600,000	$2,000,000	$43,597,608
Debt Service		$1,613,387	$196,944	$248,198	$771,734	$771,734	$771,734	$771,734	$683,110	$5,828,575
Resources: USACE Grant		$8,069,648								$8,069,648
EPA Grant (STAG)		$382,300								$382,300
SRLF		$3,030,228	$3,850,516	$3,616,082						$10,496,826
Transfer from GF/PR Fund		$2,770,000								$2,770,000
Assessments		$15,750,001	$1,750,001	$2,000,000	$2,250,000	$2,250,000	$2,250,000	$2,250,000	$2,250,000	$30,750,002
Cash from UES Settlement			$1,400,000							$1,400,000
Interest Earned			$924	$592	$0	$0	$0			$1,516
Difference in Year End Payables			-$7,740							
Ending Cash Balance		**$1,840,833**	**$3,119,661**	$5,233,243	$5,121,509	$4,599,775	$3,758,041	$1,636,307	$1,203,197	$1,203,197

Douglas County Lake Tahoe Sewer Auth.

AP Check Register (Current by Bank)

Check Dates: 3/16/2022 to 4/20/2022

Check No.	Date	Status*		Vendor ID	Payee Name	Amount
BANK ID: WFCHK - WELLS FARGO CHECKING						**101.1000**
10618	03/29/22	V	3/29/22	BESTMF	BEST MF HOMES DIRECT LLC	($136.50)
**10906	03/23/22	P		AB01	SUMMIT FIRE & SECURITY	$525.00
10907	03/23/22	P		ABBA	ABBA PUMP PARTS & SVC	$127,881.00
10908	03/23/22	P		AL17	ALHAMBRA	$151.95
10909	03/23/22	P		AL16	ALPINE SMITH, INC.	$69.49
10910	03/23/22	P		BE15	BENTLY FAMILY LTD PARTNERSHIP	$856.80
10911	03/23/22	P		CA12	CARSON VALLEY OIL CO., INC.	$2,536.12
10912	03/23/22	P		CH15	CHARTER COMMUNICATIONS	$249.95
10913	03/23/22	P		CLA	Griswold Industries	$264.00
10914	03/23/22	P		CORRPR	CORRPRO COMPANIES, INC.	$3,290.00
10915	03/23/22	P		FASTEN	FASTENAL COMPANY	$88.06
10916	03/23/22	P		FR01	FRONTIER	$150.89
10917	03/23/22	P		GR13	GRAINGER	$509.11
10918	03/23/22	P		SIERRA	DBA SIERRA OFFICE SOLUTIONS	$195.10
10919	03/23/22	P		BOU11	BOULDER EXTERMINATORS, INC	$150.00
10920	03/23/22	P		LA12	LAWSON PRODUCTS, INC.	$1,328.97
10921	03/23/22	P		PR02	LINDE GAS & EQUIPMENT INC.	$21.40
10922	03/23/22	P		PARODI	MASON PARODI	$35.00
10923	03/23/22	P		MET11	METLIFE - GROUP BENEFITS	$2,124.01
10924	03/23/22	P		GUT	MIKE GUTIERREZ	$110.00
10925	03/23/22	P		NICOLO	NIKOLAI NIKOLOV	$50.00
10926	03/23/22	P		POL10	POLYDYNE INC.	$6,440.00
10927	03/23/22	P		PRO	PRO SYSTEMS, INC.	$145.00
10928	03/23/22	P		RO12	ROUND HILL GENERAL IMP. DIST.	$1,001.10
10929	03/23/22	P		SO10	SOUTH TAHOE REFUSE, INC.	$392.52
10930	03/23/22	P		SO13	SOUTHWEST GAS CORP.	$1,609.97
10931	03/23/22	P		MOISE	STEPHEN JOHN MOISE	$135.66
10932	03/23/22	P		TELED	TELEDYNE INSTRUMENTS, INC.	$1,604.84
10933	03/23/22	P		US12	USABLUEBOOK	$704.51
10934	03/23/22	P		WF01	WELLS FARGO	$2,114.28
10935	03/23/22	P		WE12	Western Envir. Testing Lab	$442.00
10936	03/23/22	P		WE18	WESTERN NEVADA SUPPLY CO.	$3,540.79
10937	04/06/22	P		AB01	SUMMIT FIRE & SECURITY	$3,612.75
10938	04/06/22	P		AL17	ALHAMBRA	$28.10
10939	04/06/22	P		AUTO01	AUTOMATIONDIRECT.COM, INC.	$80.00
10940	04/06/22	P		BEACH	BEACH CLUB DEVELOPMENT LLC	$15,758.00
10941	04/06/22	P		BE15	BENTLY FAMILY LTD PARTNERSHIP	$1,036.00
10942	04/06/22	P		CA12	CARSON VALLEY OIL CO., INC.	$1,486.50
10943	04/06/22	P		DTS	DIGITAL TECHNOLOGY SOLUTIONS	$265.50
10944	04/06/22	P		GI20	DOUGLAS GIBSON	$276.87
10945	04/06/22	P		FREDH	FRED HOWARD	$564.41
10946	04/06/22	P		HOMETO	HOMETOWN HEALTH	$17,682.63
10947	04/06/22	P		IKE01	KELVIN IKEHARA	$361.82
10948	04/06/22	P		LA11	LAKESIDE NAPA	$15.92
10949	04/06/22	P		LES-SL	LES SCHWAB TIRES	$1,033.04
10950	04/06/22	P		LIBERT	LIBERTY UTILITIES	$38.81
10951	04/06/22	P		PR02	LINDE GAS & EQUIPMENT INC.	$659.20
10952	04/06/22	P		AGUILA	MANNY AGUILAR	$170.10
10953	04/06/22	P		NV01	NV ENERGY	$27,628.82
10954	04/06/22	P		EA13	PAULA EAST-JANICKI	$857.24
10955	04/06/22	P		AN12	R.O. ANDERSON ENGINEERING, INC	$24,188.75
10956	04/06/22	P		VAN1	RICK VAN HORN	$264.21
10957	04/06/22	P		ST09	STANDARD INSURANCE COMPANY	$588.97
10958	04/06/22	P		BLEVIN	STEVEN DALE BLEVINS	$10,000.00
10959	04/06/22	P		TA01	TAHOE BASIN CONTAINER SVC.,INC	$2,871.50
10960	04/06/22	P		UN18	UNIVERSAL ENGINEERING SCIENCES	$6,000.00

*** Check Status Types: "P" - Printed ; "M" - Manual ; "V" - Void (Void Date); "A" - Application; "E" - EFT**
**** Denotes broken check sequence.**

Douglas County Lake Tahoe Sewer Auth.

AP Check Register (Current by Bank)

Check Dates: 3/16/2022 to 4/20/2022

Check No.	Date	Status*	Vendor ID	Payee Name	Amount
10961	04/06/22	P	US12	USABLUEBOOK	$371.94
10962	04/06/22	P	VER	VERIZON	$316.32
10963	04/06/22	P	VI12	VISION SERVICE PLAN - (AT)	$302.86
10964	04/06/22	P	WE12	Western Envir. Testing Lab	$1,448.00
10965	04/06/22	P	WORKS	WORKSMART AUTOMATION, INC.	$18,600.00
				BANK WFCHK REGISTER TOTAL:	**$295,089.28**
				GRAND TOTAL :	**$295,089.28**

*** Check Status Types: "P" - Printed ; "M" - Manual ; "V" - Void (Void Date); "A" - Application; "E" - EFT**
**** Denotes broken check sequence.**

Douglas County Lake Tahoe Sewer Auth.

GL Entry Report - Batch Order

Year: All / Date: 3/16/2022 - 4/20/2022

Entry #	Date	Document	Job	Account	Description	Debits	Credits	Balance
BATCH: 7654	**JOURNAL: B**		**STATUS: Posted**	**PERIOD: 2022 - 10**	**CREATED: 03/28/22 by YHJ**			
138646	04/15/22			414.1100	MARCH PERS CONTRIBS	$18,361.76	$0.00	$18,361.76
138647	04/15/22			415.1100	MARCH PERS CONTRIBS	$18,361.77	$0.00	$36,723.53
138648	04/15/22			101.1000	MARCH PERS CONTRIBS	$0.00	$36,723.53	$0.00
					BATCH 7,654 TOTALS:	**$36,723.53**	**$36,723.53**	**$0.00**
					TOTAL OF ALL JOURNAL(S):	**$36,723.53**	**$36,723.53**	

EDGEWOOD COMPANIES
Est. 1896

March 31, 2022

Douglas County Lake Tahoe Sewer Authority
1 Sewer Plant Road
Zephyr Cove, NV 89448
Attention: Rob Hopkins

Edgewood Sewer Interceptor and Inter-Tie Project Cost Sharing

Dear Mr. Hopkins,

We are submitting Edgewood's request to you and the Board for the cost sharing portion of the above referenced Project.

The Project has now been approved through TRPA and is in final approvals with Douglas County. This final design now achieves a restored Golf Course Creek, maintains the Authority's separation requirements between the main sewer line and the creek, and more importantly replaces an aging sewer main with a new main line with an improved slope of 0.18%.

Given the shared opportunity, Mike Bradford agreed to share the costs of the main sewer line improvement per his email on June 20, 2020 (see attached). The final construction costs from Sierra Nevada Construction, Inc. (SNC) is $673,292.00 (see attached). The 50%-50% shared costs is $336,646.00 to present to the Board. Note that this does not include design, permitting or project contingency.

Please let me know if you need any further information you may need in order to present the request to the Board.

Sincerely,

Steve Habaradas

Steve Habaradas

From: Mike Bradford <mikeb@lakesideinn.com>
Sent: Tuesday, June 30, 2020 4:38 PM
To: Rob Hopkins; Rob Anderson; Paula East-Janicki
Cc: John McLaughlin; Steve Habaradas
Subject: Edgewood

LTDCSA Team:

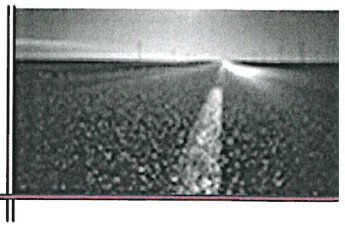
I spoke with Steve Habaradas and John McLaughlin today regarding the Edgewood plans to move forward on the cabins and inter-tie improvement project. Due to the soft COVID business environment they think Edgewood may delay the project into 2021 and then do the complete project in one season. They are coordinating this time extension with TRPA to maintain diligent pursuit for permit continuance. We confirmed our joint intention to correct the slope and share costs in that portion of the line. I confirmed our tentative plan to share 50/50 in that section. I believe all of our prior understanding is in place and we are only adjusting timing.

We agreed we would move forward with obtaining the cost estimates to quantify the amounts we intend to share. This will be important for LTDCSA and our Board to formally approve our cost share. Moreover, we want to memorialize this commitment to help ensure the line improvement takes place. This will require NCE and SNC complete design and cost estimates as well as LTDCSA to review and approve the proposal.

I think we are on track but understandably behind schedule. We should be ready to cooperate with Edgewood as they press forward. FYI.

Mike

SNC



SIERRA NEVADA CONSTRUCTION, INC

mail
po box 50760
sparks, nv 89435-0760

yard
2055 east greg street
sparks, nv 89431

775·355·0420 phone
775·355·0535 fax

nv. lic. #25565 ca. lic. #593393

February 3, 2022

Edgewood Companies.
P.O. Box 2249
Stateline, NV 89449

Attn: Steve Habaradas

Subject: **Edgewood Golf Course Creek Improvements**
Scope revisions **Permit plans** **09/23/2021**
Grading plans **10/13/2021**

Dear Mr. Habaradas,

Sierra Nevada Construction, Inc. (SNC) is pleased to submit a revised proposal on the above referenced project. Our proposal is based on the above revised plan sets by NCE. Significant scope changed have been made to the sewer and restoration work as well as labor, equipment, fuel and material price updates. Pipe prices have almost doubled and have long lead times.

Please review the attached proposal for unit pricing and scope of work. I broke out the work based on our discussion about which portions of work were required this spring to get sewer to Buildings 3 and 4, fall sewer an storm systems and Spring 2023 for the grading and creek restoration.

Base Bid Total

May	**2022**	**Sewer to Villas 3 and 4**	**$ 273,060.00**
September	**2022**	**Sewer Main and Storm**	**$1,162,144.45**
May 2023	**2023**	**Gold Course Creek Restoration**	**$ 806,802.55**
		Total	**$2,242,007.00**
Credit if Golf Course does sod on fairways			**<$ 52,426.30>**
Credit id Golf Couse does Temp Irrigation			**<$ 45,000.00>**

Bid bond is not included in the above pricing. You may add 0.80% of the bid price if a bond is required.

(Reference attached unit price breakdown)

Bid Qualifications

1. Over-excavation is not included in this proposal and will be handled at additional cost. Drying of over-optimum soils would also be at additional cost.
2. SNC assumed to use ¾" class C drainrock bedding on Sewer and Storm drain systems in lieu of Class A bedding sand.
3. Temporary irrigation includes installation but not the maintenance and operation of the system. We are assuming this will be incorporated by the golf course maintenance operations.
4. PVC Pipe pricing is only good for one week from bid date and is very volatile. We can lock in the sewer pipe now and may have to re-price the storm piping next year closer to the time it is needed.
5. We have assumed to screen the topsoil and sod from the onsite stripping operation to develop all topsoil for the project. We cannot guarantee that this topsoil will be accepted by the owner, however, to save off-haul costs and re-use good growing soils from the site we believe this will be acceptable. If imported topsoil is required or amendments need to be added, we would have to do this at an additional cost.
6. Any excess spoils from the grading operations are to be hauled and deposited on the Edgewood golf course property as directed by the owner. No off-haul costs are assumed. We expect approximately 5,000 CY of excess materials will be developed.

Special Conditions:

- All work is bid at 5 days per week, 8 hr. shift.
- This proposal excludes all engineering, testing & as-built drawings.
- Permits have been excluded from this proposal except the NOI and dust permit.
- SNC will install the SWPPP measures shown on the plans. SNC will maintain SWPPP while actively working on-site only.
- SNC has not made any allowances for handling or processing over optimum soils. Any aerating, removal, disposal and replacement with import structural fill including fabric will be handled as extra work.
- SNC is signatory to the Operators, Carpenters, Masons and Laborers Unions.
- This proposal is based on mutually agreeable contract terms being negotiated.
- Pricing based on SNC being awarded the entire project.
- Quantities are derived from the plans provided.
- Retention is assumed to be a maximum of 5%.
- A 1 year warranty is included for all work to begin after each phase is completed.
- Proposal based on not providing unconditional lien releases on subcontractors and suppliers for progress payments in which SNC has not been paid.
- This proposal shall become part of any contract, sub-contract or purchase order for the work contained herein. Nothing is said agreement shall supersede clarifications herein. Payment is due 30 days from date of invoice.
- NOTICE: THIS PROPOSAL IS CONTINGENT UPON A LACK OF IMPACT UPON THE WORK CONTEMPLATED IN THIS PROPOSAL BY THE CORONAVIRUS NATIONAL EMERGENCY. Given the existence of the Coronavirus pandemic, Sierra Nevada Construction will use its best efforts to staff and supply this project in order to meet the proposed completion date but reserves its right to seek an extension of time if Sierra Nevada Construction and/or its subcontractors and/or suppliers are unable to maintain planned crew sizes due to the illness, if supply shortages or government

restraints are placed upon business, and if there are issues with travel or the assembly of materials and/or supplies. Sierra Nevada Construction also reserves the right to an adjustment of any contract price set forth in this proposal if material prices escalate. To the extent that the project is suspended in accordance with the provisions of the proposed subcontract in this matter, Sierra Nevada Construction intends to seek additional costs associated with the suspension.

Exclusions:

- Encroachment permits.
- Liquidated damages of any kind.
- Cost of sewer company charge to discharge dewatering water into sewer.
- Limitation on how much dewatering water can be pumped into sewer.

SNC has the capabilities of performing this project to meet your schedule and to the highest standard in the industry. We recently completed all work on the Edgewood Lodge and we are very familiar with the requirements of Edgewood Companies and Brad Wunderlich at the Golf Course. We would greatly appreciate an opportunity to work with you on this project. If you have any questions regarding this proposal, please feel free to contact me at (775) 355-0420 or by cell at (775) 691-1880.

Sincerely,

Mark A. Gordine

Mark Gordine
Vice President – Business Development

Encl: Bid Item Breakdown

02/02/2022 15:41
22MGO003 EDGEWOOD GOLF COURSE CREEK 2022
*** Mark Gordine **BID TOTALS**

Biditem	Description	Quantity	Units	Unit Price	Bid Total
10	MOBILIZATION	1.000	LS	3,000.00	3,000.00
20	WATER POLLUTION CONTROL (SWPPP)	1.000	LS	2,000.00	2,000.00
30	SEWER 8"" SDR 35 MAIN	191.000	LF	320.00	61,120.00
40	SEWER 15" SDR 35 MAIN	254.000	LF	360.00	91,440.00
50	SEWER TYPE 1 48" MANHOLE	3.000	EA	13,750.00	41,250.00
60	SEWER REMOVE / ABANDON 15" SEWER	210.000	LF	145.00	30,450.00
70	SEWER BYPASS PUMPING FOR 15" SS	1.000	LS	32,000.00	32,000.00
80	DEWATERING FOR SEWER - DISCHARGE INTO	5.000	DY	1,600.00	8,000.00
90	SEWER REMOVE EXISTING MANHOLE	1.000	EA	3,800.00	3,800.00
	PHASE 1 - SPRING 2022				$273,060.00
100	MOBILIZATION	1.000	LS	10,000.00	10,000.00
110	WATER POLLUTION CONTROL (SWPPP)	1.000	LS	20,737.45	20,737.45
120	SEWER LINE CONNECTION AND MANHOLE	1.000	LS	85,000.00	85,000.00
125	SEWER 18" STAINLESS STEEL WRAPPED MAIN	102.000	LF	465.00	47,430.00
130	SEWER 18" SDR 35 MAIN	772.000	LF	330.00	254,760.00
140	SEWER 6" SDR 35 LATERALS	6.000	EA	4,700.00	28,200.00
150	SEWER 60" TYPE 1 MANHOLE	5.000	EA	14,000.00	70,000.00
155	SEWER 48" TYPE 1 MANHOLE	1.000	EA	13,000.00	13,000.00
160	SEWER TRENCH CAP	100.000	LF	160.00	16,000.00
170	SEWER ABANDON AND GROUT EXIST 18" SEW	670.000	LF	55.00	36,850.00
180	SEWER REMOVE EXISTING TRANSITE 18" SEW	85.000	LF	98.00	8,330.00
190	SEWER REMOVE EXISTING MANHOLE	6.000	EA	3,500.00	21,000.00
195	SEWER REMOVE 8" SDR	46.000	LF	85.00	3,910.00
200	SEWER BYPASS PUMPING	1.000	LS	30,875.00	30,875.00
210	DEWATERING FOR SEWER - DISCHARGE INTO	17.000	DY	1,600.00	27,200.00
	Shared Costs				
	SUBTOTAL SEWER				$673,292.45
400	STORM DRAIN OUTFALLS	1.000	LS	117,000.00	117,000.00
410	STORM MODIFY DIVERSION STRUCTURE	1.000	EA	75,000.00	75,000.00
420	STORM REMOVE 30" STORM PIPE	118.000	LF	133.00	15,694.00
430	STORM 36" HDPE PIPE	314.000	LF	332.00	104,248.00
440	STORM 60" TYPE V MANHOLE	4.000	EA	38,000.00	152,000.00
450	STORM 10" HDPE PIPE W/FES	128.000	LF	170.00	21,760.00
460	STORM RIP RAP CLASS 150 ROCK APRON	45.000	SF	70.00	3,150.00
	SUBTOTAL STORM				$488,852.00
	PHASE 2 FALL 2022 SEWER				$1,162,144.45
500	MOBILIZATION	1.000	LS	14,000.00	14,000.00
510	WATER POLLUTION CONTROL (SWPPP)	1.000	LS	15,000.00	15,000.00

Biditem	Description	Quantity	Units	Unit Price	Bid Total
515	TREE REMOVAL	7.000	EA	1,000.00	7,000.00
520	EARTHWORK / GRADING	1.000	LS	255,000.00	255,000.00
530	CHANNEL RESTORATION	12,278.000	SF	8.00	98,224.00
540	UPLAND RESTORATION	43,574.000	SF	4.25	185,189.50
550	RIPARIAN RESTORATION	24,931.000	SF	4.25	105,956.75
560	FAIRWAY SOD PLANTING	61,678.000	SF	0.85	52,426.30
570	TEMPORARY IRRIGATION	1.000	LS	45,000.00	45,000.00
580	CART PATH 3" ASPHALT ON 6" AGG BASE	1,116.000	SF	16.00	17,856.00
700	STORM REMOVE 4" PIPE	133.000	LF	50.00	6,650.00
710	STORM REMOVE DROP INLET	2.000	EA	2,250.00	4,500.00

PHASE 3 - SPRING 2023 GC CREEK GRADING $806,802.55

Bid Total ========> $2,242,007.00