



TriCo Regional Sewer Utility

www.TriCo.eco Phone (317) 844-9200 Fax (317) 844-9203

Board of Trustees Meeting Agenda

Monday, September 14, 2020 @ 6:00 p.m.
John W. Hensel Government Center
10701 N. College Avenue, Carmel, IN 46280
Community Room

- 1. Roll Call**
- 2. Public Comment**
- 3. Approval of Meeting Memorandum**
 - a. Board Meeting August 10, 2020
- 4. Approval of Claims Docket**
- 5. Attorney's Report**
- 6. Utility Director's Report**
- 7. Committee Reports**
 - a. Personnel & Benefits Committee
 - b. Budget & Finance Committee
 - c. Capital & Construction Committee
 - i. Dedications
 - ii. Lift Stations 11 Pump Replacement
 - iii. Lift Station 2 Odor Control Equipment
 - iv. #1910 Office Landscaping
 - d. Office Construction Committee
- 8. Old Business**
- 9. New Business**
- 10. Adjourn**



BOARD OF TRUSTEE MEETING

Monday August 10, 2020 6:00 p.m.

Memorandum

Mr. Mills called the meeting to Order at 6:02 p.m.

ROLL CALL

Present: President Carl Mills, Treasurer Jane Merrill, Secretary Michael McDonald, members, Barb Lamb, Jeff Kimbell, Eric Hand, and Jeff Hill. Others in attendance were Legal Counsel Anne Poindexter, Utility Director Andrew Williams, Engineering Manager Wes Merkle, Controller Cindy Sheeks and Administrative Assistant Maggie Crediford

Vice President Steve Pittman and Chuck Ryerson arrived at 6:04 p.m.

Public Comment

There was no one present from the public. Mr. Williams stated the Engineering Department has received some questions from homeowners regarding the Neighborhood projects, staff will be meeting with those neighbors to address their questions which have been technical in nature thus far.

Approval of Meeting Memorandum

Ms. Merrill made a motion to approve the Board Meeting Memorandum from July 13, 2020. Mr. Kimbell seconded the motion and it was unanimously approved.

Approval of Claims Docket

Ms. Sheeks said a million-dollar payment was made for the Plant Expansion project. All other expenses were normal monthly expenses. Mr. McDonald said he did not see the principal and interest payment listed for the loan. Ms. Sheeks said in 2020 only interest payments are made. The first principal payment will be made in 2021 and those are made twice a year in January and July.

Mr. Pittman made a motion to approve the claims docket. Mr. McDonald seconded the motion and it was unanimously approved.

Attorney's Report

Mrs. Poindexter said there will eventually be a closing on the sale of TriCo's portion of the Clay Township Government Center to the Clay Township Trustee. Mrs. Poindexter will be contacting Mr. Bosma who had some concerns regarding the lot configuration and the title company's comments in the title policy. Mr. Mills said he spoke with Mr. Callahan and he is also trying to move the closing along. Mr. Pittman asked for an explanation of the issues with the title. Mrs. Poindexter said there is a lot the title company said was left out. It is the lot for the detention pond. However, it was included in the description. Mr. Williams said during the consolidation of the lots into one parcel, one of the lots was not include in the Assessor's list of lots. Mrs. Poindexter said she will reach out to Mr. Bosma to move forward with the closing.

Utility Director's Report

Mr. Williams said November 1, 2020 is still the target date for the staff to move into the new building. There have been two weeks of delays, but the contractor believes they will make up that time moving forward. There has been some serious progress with construction in the last week. Doors and windows are in, paint is going on the walls and the reception desk is framed. Mr. Williams encouraged the Board members to schedule a tour to see the progress of the project.

Mr. Williams said a customer on Hussey Lane contacted Customer Service upset about only having two weeks between when his sewer bill is received and when it is due. He believes he should have a month. Cindy Ferrulli did a good job explaining the billing. He indicated he might come to the Board meeting to discuss it, but it does not appear he is in attendance. The Engineering and Collections Departments have done extensive work tracking down I&I issues along College Avenue. Flow meter data shows a very high level of inflow and infiltration in this area. Staff conducted smoke testing along College Avenue to detect leaks in cleanouts and pipes. They then televised every lateral in the area. Ten lateral bore throughs were found. This helps the homeowners because in at least one case there was a total blockage. Mr. Hartman has been working with the proper utilities to get the necessary repairs made. Mr. Merkle is looking forward to the next heavy rain to see if there is a drop in I&I issues in this area, with the repairs that have been made.

Mr. Mills said he was able to view the progress on the plant and office building projects while preparing for this meeting. Mr. Mills said the site is totally different then when he was there a month ago and encouraged other Board members to get an updated tour.

Committee Reports

Personnel & Benefits Committee

Ms. Lamb said the Personnel & Benefits Committee did not meet.

Budget & Finance Committee

Investment Policy Resolution

Ms. Merrill said the Budget and Finance Committee is recommending the Board renew the Utility's Investment Policy which had expired. Renewing the policy will bring the Utility into compliance with the State Board of Accounts.

Ms. Merrill made a motion to approve the proposed Investment Policy Resolution. Mr. McDonald seconded the motion and it was unanimously approved.

FOG Fee Enforcement

Ms. Merrill said there were FOG violations brought to the Committee for consideration. Three of which the Committee voted to uphold, Porkopolis \$400 for a second violation, PFM Express \$200 due to the concern it is an automotive shop and their discharges can be toxic to the system, Hino Oishi \$200 fee, the restaurant was open during the shut-down so there was no reason to have had a violation. The Committee decided to hold the \$200 Red Robbin violation in abeyance for 18 months pending no further violations. If there is another violation

within 18 months both the \$200 fee and the \$400 second violation fee will be assessed.

Ms. Merrill made a motion to place the \$200 FOG violation fee for Red Robbin in abeyance for 18 months pending no further violations. Mr. McDonald seconded the motion Ms. Lamb asked Ms. Merrill why she voted against the abeyance at the Committee meeting. Ms. Merrill said the environmental company hired by Red Robbin did not come out and clean their trap in time. Mr. McDonald said the company was days late in getting the issue resolved. By the time the Committee acted, the issue had been resolved. The motion was unanimously approved.

Capital & Construction Committee

Neighborhood Sewer Projects #2003 Contract Award

Mr. Pittman stated that the Committee had not made a firm recommendation since it was yet to be determined what type of pipe INDOT would approve. Now that Mr. Merkle has provided this information, Mr. Pittman made a motion to award the #2003 Neighborhood Sewer Projects Contract Award to TSW Utility Solutions for \$334,102. Mr. Hill seconded the motion and it was unanimously approved.

Office Construction Committee

Mr. Pittman said the Office Construction Committee did not meet.

New Business

Ms. Merrill noted the Budget and Finance Committee meeting for August is scheduled for the 28th which is not Labor Day Weekend. Mr. Mills said he will be travelling that day. Ms. Merrill asked Ms. Sheeks to keep the Committee updated and if nothing arises, they may cancel that meeting.

Mr. Williams said Staff is following the discussion about the area around the Executive Airport in Boone County. There was a meeting scheduled by the Hamilton County Airport Authority and the Town of Zionsville that had to be postponed due to the overwhelming amount of community interest. A new date for that meeting has not been set at this time. There is a 30-minute YouTube video presentation that can be viewed of the proposal.

Adjournment

Ms. Merrill made a motion to adjourn the meeting. Ms. Lamb seconded the motion and the meeting adjourned at 6:18 p.m.

The next Board of Trustees Meeting is scheduled for Monday, September 14 at 6:00 p.m.

Respectfully submitted,



Andrew Williams
Utility Director

Approved:

_____ as Presented

_____ as Amended

Michael McDonald, Secretary

Carl Mills, President

The TriCo Connection

Volume 14 Issue 9 September 2020

MONTHLY NEWSLETTER



FINANCIAL UPDATE- CINDY SHEEKS

July 2020 - Total Revenue was \$700,592 which is \$24,749 above the projected revenue of \$675,843 and \$59,141 higher than June. Residential sales were steady for a total of \$418,522 in July and 0.75% higher than budgeted. Residential sales figures continue to meet the budgeted monthly projections. Commercial sales totaled \$226,881 which is 1.78% lower than budgeted but the highest monthly total this year. It increased \$34,000 in July over June. Commercial sales are at 50.50% of the budget YTD. Overall YTD Total Revenue is close to projections at 56.34% of budget. Target percentage would be 58.33%.

Total operating expenses were \$409,343 in July which is 10.57% under the monthly budget of \$457,725 and 55.96% YTD. Wages and benefits spending totaled \$197,256 and were over budget by \$13,969 during the month and YTD 56.99% of budget. Administration spending was \$42,966 in July and under budget by \$20,421. It is YTD 67.78% of budget. Treatment costs totaled \$134,268 which was under budget by \$14,582 and YTD is 57.54% of budget. Collection costs totaled \$34,852 in July which was \$27,348 under budget and YTD is 45.71% of budget. YTD operating expenses are 55.96% of budget.

Net income in July was \$187,681 after depreciation and amortization of CIAC and was over projections by \$73,131 which is 41.20% of the YTD of budget. The original budget did not include the annual interest expense of \$463,320 in the projections. As of 7/31/2020, annual operating revenue of \$4,474,016 has exceeded annual operating costs of \$3,101,517 by \$1,372,499. Spending Breakdown in July:

Wages	48.19%
Administration	10.50%
Treatment Costs	32.80%
Collection Costs	8.51%

Cash generated for July shows a decrease in all operating funds by \$703,926. The bond fund expenses totaled \$1,050,509 in July for plant expansion. Other capital spending during the month included the administration office construction, plant outfall, Haver Way, LS 14 elimination and neighborhood sewer projects. Total capital spending in July was \$2,104,212. Cash on hand at July 31, 2020 was \$27,572,629. The balances in the funds are listed below:

Operating	\$4,432,779
Interceptor	\$159,332
Plant Expansion	\$4,675,986
Operating Reserve	\$519,252
Reserve for Replacement	\$526,841
2020 Bond Funds	\$17,258,439

The Operating, Interceptor, Plant Expansion and Reserve for Replacement funds decreased \$155,260 since January 1, 2020.

In This Issue

Financial Update	1
Construction & Engineering	2
Office & Plant Construction	2
Treatment	3
Customer Service Update	3
Safety Update	4
Collections	4
Birthdays & Anniversaries	4

Calendar of Events

September 14	Board Meeting	6:00 p.m.
September 23	P&B Meeting	7:30 a.m.
September 25	B&F Meeting	7:30 a.m.
October 5	C&C Meeting	4:30 p.m.

ENGINEERING & CONSTRUCTION - WES MERKLE

Engineering staff completed 548 locates, 43 I&I inspections and 22 lateral inspections in August. There were no failed I&I inspections. A total of 2,456 locate requests were received and reviewed. Brandon's inspection work slowed down in August. He assisted with locates as time allowed and took several weekend shifts in the lab at the plant. Nate is back in the field locating full time after recovering from his injury. He is evaluating a possible change in new ticket management service providers this fall, seeking a provider that is more reliable and better meets our needs.

Eric observed construction of the Appaloosa Crossing and Lift Station 14 (Austin Oaks) Force Main projects. He continues to follow up on punch list items for projects nearing completion as well as warranty repairs. Eric will observe construction on the Outfall Sewer project which is expected to begin pipework shortly. He will also observe construction of the Neighborhood Sewer project, with assistance from Jeff as needed. Staff recently held a preconstruction meeting for that project which will start in the coming weeks. Jeff is observing construction of a sewer extension at Ritz Charles and he will observe the Haver Way project construction which should begin soon. Ryan and Jeff spent a lot of time sorting through old project files ahead of the office move.

Ryan continues to oversee multiple capital and private development projects. Several private development projects are expected to go to construction soon. He continued driving College Avenue lateral repairs, Coxhall Park repairs, Crooked Stick inspections, and dedication of Crossfields gravity sewers. Wes oversaw the plant expansion and office projects under construction. He also coordinated quoting of new odor control equipment for Lift Station 2 (106th/Spring Mill) and new pumps, controls and electrical equipment for Lift Station 11 (106th/Bennett Parkway).

PLANT EXPANSION AND OFFICE PROJECT UPDATES - WES MERKLE

On the plant project crews finished hydrostatic testing in Clarifier 9 and will soon do the same in Clarifier 8. Testing is necessary to assure the new tanks are watertight. The Mixed Liquor Splitter walls were completed in two concrete pours. Crews are working on the trough elevated floor slab in Clarifier 7. Two out of 14 VLR wall sections were poured. New screens, conveyor, grit washers, UV disinfection equipment, submersible pumps, and portable generator docking station were delivered to the site. Storm sewers were installed around the pond and entrance from Mayflower Park Drive. Existing pavement was removed around the shop. Grading is underway to reshape the pond and new parking areas. Site work for the new office will be complete by mid-October. Thieneman expects to finish the overall project next summer, several months ahead of the substantial completion deadline.

On the office project drywall work is nearly complete with many walls receiving primer and a first coat of paint. Restroom tile work is mostly complete. Plumbing and HVAC work will be complete in the coming weeks. Electrical work continues. The new power feed from the Chemical Building will be complete shortly. Lighting and electrical device installation are underway. Exterior brick masonry work continues and should be complete shortly. Our IT vendor is installing data lines in the new office space. Staff is receiving quotes for a replacement HVAC system in the lab as well as new landscaping. If approved by the Board, landscaping will be installed late October-early November. Our office furnishings supplier expects on-time delivery and installation. Alderson is still targeting office building completion at the end of October; however, they continue having difficulty getting certain materials and skilled labor due to the pandemic and may finish up to two weeks late.

TREATMENT – SCOT WATKINS

The WRRF staff assisted TCI on the new flushing valving install on Clarifier 4. A motor on the VLR was replaced after a weekend failure. Collections department assisted on the installation of two new belts on the belt filter press and the cleaning of the post aerator tank with the AquaTech combo truck. The inspection of all plant pumps has been completed; only two issues were found. The plant Scum Station and Digester 4 pump needed seals replaced. New level radar units are starting to be installed throughout the plant; this is a capital project to replace the ultra-sonic units currently being used. Safety Resource performed Confined Space, Hazard Communication Standard (HAZCOM), Globally Harmonized System (GHS) and Blood Borne Pathogens training for TriCo staff.



Information on HAZCOM and GHS can be found here:

<https://www.osha.gov/dsg/hazcom/>

<https://www.osha.gov/dsg/hazcom/global.html>

Forty FOG inspections were completed. Seventy-eight pump outs had been logged and accounted for over 16,000 gallons of FOG being prevented from entering the system this month.

The laboratory performed 483 CBOD5 tests, 234 Total Suspended Solids tests and 141 Phosphorus & Ammonia tests and 51 e. Coli tests. Monthly Method Detection Limit studies were completed on TSS, Phosphorus and Ammonia. Quarterly metals and toxicity testing samples were collected, and we are awaiting results.



Clarifier Trough
Construction-
left



VLR Rebar
Construction-
right



Office Masonry Exterior
Installation

SAFETY UPDATE - LOREN PRANGE

No injuries were reported this month and we have reached 3830 days without a loss time accident.

No safety tailgates are being performed during social distancing. Safety training has continued thru Safety Plus Web online.

WRRF staff along with the Engineering staff completed confined space training. Training was provided by Safety Resources.

Preventive maintenance was completed on two of the three air monitors. The air monitors received new sensors and were bump checked for accuracy. WRRF staff calibrate air monitors before each use and document that it passed before taken into field. If the monitor fails it will be taken out of service until repaired.

WRRF staff inspected safety harnesses and lanyards. Two harness and a lanyard are at the recommended replacement age and show some stressed areas. We ordered new equipment and are waiting for delivery.

✓ Site Safety

3 8 3 0

No. of days since the last lost time accident.

COLLECTIONS – AARON STRONG

In August, Manny televised over 44,000 feet of gravity sewer in Basin 10 which included commercial areas along Michigan Road. Thus far, televising in this basin has triggered 13 main cleaning work orders of which seven have already been completed. Rick and Daniel have embarked on the laborious task of Air Release Valve (ARV) inspection and repair. Each of the 148 ARV manholes require a permit required confined space entry, inspection and repair. To date, this crew has inspected and rebuilt 22 of the 148 ARV's in the field.

Matt and Joe completed yearly pump inspections at the WWRF, items of note included a lower seal failure on the Digester 4 pump and the Scum Station pump received both upper and lower seals. Both pump repairs were performed in-house by Matt and Joe.



Inspection at LS #1



RAS WAS Pump Inspections

The 20" actuated valve has been repaired and installed at the valve vault located near 106th Street and Ditch Road. This year Clarke Power Services is performing the preventive maintenance on the generator and engine drive pump sets located throughout TriCo's service area and will be completed by months end.

Collections staff attended safety training presented by Safety Resources, training topics included HAZCOMM GHS, Blood Bourne Pathogens and Confined Space Entry.

Birthday
Colleen Byrnes September 23

Anniversary
Cindy Ferrulli September 6 4 Years

			TriCo Regional Sewer Utility			
			Register of Claims			
			For the period 8/5/2020 - 09/09/2020			
Payment date	Check number	Bank name	Payee name	Amount	Amount Allowed	Description
8/5/20	14833	Operating	AT & T CWO	\$500.00	\$500.00	CIP - 1902 Plant Expansion
8/5/20	14834	Operating	Fisher Scientific	\$743.25	\$743.25	Sewer sampling
8/5/20	14835	Operating	Merrell Brothers, Inc.	\$11,800.14	\$11,800.14	Biosolid disposal
8/5/20	14836	Operating	Republic Services #761	\$418.89	\$418.89	Trash Service
8/7/20	14837	Operating	Boone County Recorder	\$100.00	\$100.00	Liens
8/7/20	14838	Operating	Structured Solutions, LLC	\$21,395.36	\$21,395.36	Manhole repairs
8/10/20	14839	Operating	Teachers Credit Union	\$80.00	\$80.00	HSA Deposit FBO Cody Cain
8/11/20	14840	Operating	Barbara Lamb	\$150.00	\$150.00	Board meeting fees
8/11/20	14841	Operating	Steve Pittman	\$200.00	\$200.00	July board fees
8/11/20	14842	Operating	Caroline Schmidt	\$219.25	\$219.25	Refund - 11669 Lenox Lane #104
8/12/20	14843	Operating	Joe Hood	\$86.25	\$86.25	Mileage
8/12/20	14844	Operating	Matt Starr	\$69.00	\$69.00	Mileage 7/26, 7/27
8/19/20	14845	Operating	Carolyn N Hibbeln Intrm Trust c/o N	\$22.39	\$22.39	Refund-312 Millridge Dr
8/19/20	14846	Operating	Jenny Husk	\$107.63	\$107.63	Refund-12570 Timber Creek
8/19/20	14847	Operating	Emmanuel Sanchez	\$13.80	\$13.80	Mileage
8/21/20	14848	Operating	Carmel Utilities	\$13.85	\$13.85	LS 2 Water
8/21/20	14848	Operating	Carmel Utilities	\$28.17	\$28.17	LS 26 Water
8/21/20	14848	Operating	Carmel Utilities	\$13.85	\$13.85	LS 1 Water
8/21/20	14849	Operating	FerrellGas	\$29.00	\$29.00	Plant Utilities
8/21/20	14850	Operating	Kinetrex Energy	\$142.35	\$142.35	Plant Gas June 2020
8/21/20	14851	Operating	Matt Starr	\$103.50	\$103.50	Travel/Mileage-On Call
8/21/20	14852	Operating	Nature Turf Services	\$200.00	\$200.00	Mowing
8/21/20	14853	Operating	Napa Auto Parts	\$59.76	\$59.76	Plant R & M
8/21/20	14853	Operating	Napa Auto Parts	\$41.48	\$41.48	Operating supplies
8/21/20	14854	Operating	Office Keepers	\$375.00	\$375.00	Office cleaning
8/21/20	14855	Operating	Citizens Energy Group	\$332.40	\$332.40	Commercial Reads
8/21/20	14856	Operating	AFLAC	\$429.40	\$429.40	Emp deferred liability
8/24/20	14857	Operating	AT&T Mobility	\$683.18	\$683.18	Trimble 01 & Trimble 02
8/31/20	14858	Interceptor	GRW	\$378.74	\$378.74	CIP-Proj 1901 LS 14 Const Admin
8/31/20	14858	Interceptor	GRW	\$4,480.00	\$4,480.00	CIP-Proj 2003 Future Sewers
8/31/20	14859	Interceptor	MS Consultants, Inc	\$2,000.00	\$2,000.00	CIP-Proj 1802 Haver Way
8/31/20	14860	Interceptor	TPI Utility Construction	\$211,608.90	\$211,608.90	CIP - Proj 1901 LS 14 Elim
8/31/20	14861	Reserve for Repla	NCL of Wisconsin, Inc.	\$2,321.56	\$2,321.56	CIP - Lab oven
8/31/20	14862	Reserve for Repla	Strand Associates, Inc.	\$1,456.68	\$1,456.68	Emergency back up well facility - R4R
8/31/20	14863	Plant Expansion	GRW	\$1,735.00	\$1,735.00	CIP-Proj 1906 Plant Outfall Bidding
8/31/20	14863	Plant Expansion	GRW	\$547.50	\$547.50	CIP-Proj 1906 Plant Outfall Const Admin
8/31/20	14864	Operating	Adobe Systems Incorporated	\$2,136.72	\$2,136.72	Adobe DC/Photoshop licenses
8/31/20	14865	Operating	Alderson Commercial Group, Inc	\$269,806.36	\$269,806.36	CIP - Proj 1910 Admin office
8/31/20	14866	Operating	AT & T	\$698.93	\$698.93	Office Internet
8/31/20	14867	Operating	B&W Plumbing and Heating	\$934.93	\$934.93	Plant R&M
8/31/20	14868	Operating	Cameron Fence Builders	\$890.00	\$890.00	Plant R & M
8/31/20	14869	Operating	Clarke Power Services, Inc	\$1,135.00	\$1,135.00	Lift Station Generator Maintenance
8/31/20	14869	Operating	Clarke Power Services, Inc	\$720.00	\$720.00	Annual PM
8/31/20	14869	Operating	Clarke Power Services, Inc	\$980.00	\$980.00	Annual PM
8/31/20	14869	Operating	Clarke Power Services, Inc	\$700.00	\$700.00	Annual PM
8/31/20	14869	Operating	Clarke Power Services, Inc	\$935.00	\$935.00	Annual PM
8/31/20	14869	Operating	Clarke Power Services, Inc	\$965.00	\$965.00	Annual PM
8/31/20	14869	Operating	Clarke Power Services, Inc	\$690.00	\$690.00	Annual PM
8/31/20	14870	Operating	Commercial Sewer Cleaning Co. In	\$460.00	\$460.00	Plant R&M
8/31/20	14871	Operating	Dell Marketing L.P.	\$209.00	\$209.00	Lexmark Laser printer
8/31/20	14872	Operating	Eco Infrastructure Solutions, Inc.	\$222.96	\$222.96	Televising
8/31/20	14873	Operating	Fastenal Company	\$152.90	\$152.90	Plant R&M
8/31/20	14873	Operating	Fastenal Company	\$20.28	\$20.28	Plant R&M
8/31/20	14873	Operating	Fastenal Company	\$864.03	\$864.03	Safety materials
8/31/20	14874	Operating	Fedex	\$319.44	\$319.44	Shipping
8/31/20	14875	Operating	FerrellGas	\$29.00	\$29.00	Plant R & M
8/31/20	14876	Operating	Gordon Plumbing, Inc	\$115.00	\$115.00	Plant R & M
8/31/20	14876	Operating	Gordon Plumbing, Inc	\$115.00	\$115.00	LS 26 repair
8/31/20	14877	Operating	Gradex Inc	\$2,804.23	\$2,804.23	Manhole repairs - 96th & Keystone
8/31/20	14878	Operating	Grainger	\$7.02	\$7.02	Plant R&M
8/31/20	14878	Operating	Grainger	\$281.37	\$281.37	Safety
8/31/20	14878	Operating	Grainger	\$332.53	\$332.53	Safety
8/31/20	14878	Operating	Grainger	\$76.32	\$76.32	Safety
8/31/20	14879	Operating	Hach Company	\$2,157.06	\$2,157.06	Sewer Sampling
8/31/20	14880	Operating	IUPPS	\$2,243.90	\$2,243.90	Locates
8/31/20	14881	Operating	MacAllister Machinery	\$4,855.55	\$4,855.55	LS R&M
8/31/20	14882	Operating	Merrell Brothers, Inc.	\$494.00	\$494.00	LS R&M
8/31/20	14883	Operating	Mission Mechanical	\$8,698.00	\$8,698.00	Planrt R&M
8/31/20	14884	Operating	Nalco Water Pretreatment Solution	\$154.24	\$154.24	Sewer sampling
8/31/20	14884	Operating	Nalco Water Pretreatment Solution	\$166.01	\$166.01	Sewer sampling
8/31/20	14884	Operating	Nalco Water Pretreatment Solution	\$204.25	\$204.25	Sewer sampling

Payment date	Check number	Bank name	Payee name	Amount	Amount Allowed	Description
8/31/20	14885	Operating	NCL of Wisconsin, Inc.	\$1,015.36	\$1,015.36	Sewer Sampling
8/31/20	14886	Operating	NEO Engineers, LLC	\$1,424.88	\$1,424.88	Plant R & M - Annual Plant Improvements
8/31/20	14887	Operating	Office Depot	\$79.98	\$79.98	Office Expense
8/31/20	14888	Operating	Praxair Distribution, Inc.	\$31.36	\$31.36	Plant R & M
8/31/20	14889	Operating	Professional Garage Door Systems	\$615.00	\$615.00	Replace damaged sections
8/31/20	14890	Operating	Quality Repair Service Inc.	\$10,398.80	\$10,398.80	Lift station R & M
8/31/20	14890	Operating	Quality Repair Service Inc.	\$127.60	\$127.60	Lift Station R&M
8/31/20	14891	Operating	Straeffer Pump & Supply, Inc.	\$3,825.77	\$3,825.77	Line maintenance
8/31/20	14891	Operating	Straeffer Pump & Supply, Inc.	\$498.16	\$498.16	Seal kit
8/31/20	14892	Operating	Vasey Commercial Heating & AC, I	\$350.90	\$350.90	Plant R&M
8/31/20	14892	Operating	Vasey Commercial Heating & AC, I	\$234.00	\$234.00	Plant R&M
8/31/20	14893	Reserve for Repla	BL Anderson Company, Inc.	\$7,957.36	\$7,957.36	CIP-Plant - Level Sensors R4R
8/31/20	14895	Operating	Rick Hoole	\$86.25	\$86.25	Mileage reimbursement
8/31/20	14896	Operating	Alfa Laval, Inc	\$732.79	\$732.79	Parts
8/31/20	14897	Operating	AT & T	\$698.93	\$698.93	Internet
8/31/20	14897	Operating	AT & T	\$94.42	\$94.42	Plant phone service
8/31/20	14899	Operating	Liberty National	\$127.88	\$127.88	Payroll deductions
8/31/20	14900	Operating	NCL of Wisconsin, Inc.	\$296.36	\$296.36	Sewer sampling
8/31/20	14901	Operating	Republic Services #761	\$481.70	\$481.70	Trash service
8/31/20	14902	Operating	Ridgeline General Contractors	\$4,427.50	\$4,427.50	CIP - LS 1 Insurance repairs new metal roof
8/31/20	14903	Operating	Wonderware North (Q-mation)	\$10,686.00	\$10,686.00	Software support
8/31/20	14904	Operating	Clarke Power Services, Inc	\$975.00	\$975.00	Annual Maintenance
8/31/20	14904	Operating	Clarke Power Services, Inc	\$359.39	\$359.39	Generator repairs
8/31/20	14905	Plant Expansion	Clark Excavation & Utility	\$41,702.43	\$41,702.43	CIP - Proj 1906 Plant Outfall
9/4/20	14908	Operating	Matt Starr	\$69.00	\$69.00	Mileage 8/29, 8/30
9/8/20	14909	Operating	Altman, Poindexter & Wyatt, LLC	\$2,345.00	\$2,345.00	Legal fees
9/8/20	14910	Operating	Bio Chem, Inc.	\$4,756.17	\$4,756.17	Operating supplies
9/8/20	14911	Operating	Black Tie Courier	\$525.00	\$525.00	Courier fees
9/8/20	14912	Operating	Carmel Utilities	\$86,234.36	\$86,234.36	August flow
9/8/20	14912	Operating	Carmel Utilities	\$1,052.40	\$1,052.40	August reads
9/8/20	14913	Operating	Carmel Utilities	\$41.50	\$41.50	Stormwater
9/8/20	14914	Operating	Clay Township Trustee	\$4,185.00	\$4,185.00	Sept rent
9/8/20	14915	Operating	CuraLinc, LLC	\$295.00	\$295.00	EAP services
9/8/20	14916	Operating	Doxim	\$5,220.88	\$5,220.88	Postage
9/8/20	14916	Operating	Doxim	\$3,815.61	\$3,815.61	Billing services
9/8/20	14917	Operating	eGov Strategies, LLC	\$2,871.50	\$2,871.50	Support fees
9/8/20	14918	Operating	Fastenal Company	\$15.82	\$15.82	Plant R & M
9/8/20	14919	Operating	Grainger	\$624.12	\$624.12	Gas cylinder
9/8/20	14920	Operating	Hach Company	\$366.22	\$366.22	Sewer sampling
9/8/20	14921	Operating	IT Indianapolis	\$844.00	\$844.00	Support fees - Office 365
9/8/20	14921	Operating	IT Indianapolis	\$1,666.20	\$1,666.20	Continuity agreement
9/8/20	14921	Operating	IT Indianapolis	\$2,606.66	\$2,606.66	Support fees
9/8/20	14921	Operating	IT Indianapolis	\$4,824.10	\$4,824.10	Managed threat services
9/8/20	14922	Operating	Merrell Brothers, Inc.	\$11,508.77	\$11,508.77	Biosolid disposal
9/8/20	14923	Operating	Microbac Laboratories, Inc.	\$284.00	\$284.00	Sewer sampling
9/8/20	14924	Operating	Motion Industries	\$3,391.53	\$3,391.53	Plant R & M
9/8/20	14925	Operating	Napa Auto Parts	\$32.56	\$32.56	Plant R & M
9/8/20	14926	Operating	Nature Turf Services	\$200.00	\$200.00	Mowing
9/8/20	14927	Operating	Office Depot	\$60.59	\$60.59	Office supplies
9/8/20	14928	Operating	Purafil, Inc	\$6,599.11	\$6,599.11	Operating supplies
9/8/20	14929	Operating	Quality Repair Service Inc.	\$309.95	\$309.95	Hydromatic pump
9/8/20	14930	Operating	Simplifile	\$750.00	\$750.00	Filing fees
9/8/20	14931	Operating	Straeffer Pump & Supply, Inc.	\$516.38	\$516.38	Plant R & M
9/8/20	14932	Operating	Taylor Oil Company, Inc.	\$1,578.01	\$1,578.01	Fuel
9/8/20	14933	Operating	Taylor Scientific	\$2,076.00	\$2,076.00	CIP - Lab balancer
9/8/20	14934	Operating	Johnson Controls	\$763.92	\$763.92	Monthly monitoring
9/8/20	14935	Operating	Gordon Plumbing, Inc	\$347.25	\$347.25	LS 17 repairs
9/9/20	14936	Operating	Aaron Strong	\$30.00	\$30.00	Cell phone
9/9/20	14937	Operating	Barbara Lamb	\$100.00	\$100.00	Board meeting fees
9/9/20	14938	Operating	Brandon Woolf	\$30.00	\$30.00	Cell phone
9/9/20	14939	Operating	Carl S. Mills	\$150.00	\$150.00	Board meeting fees
9/9/20	14940	Operating	Charles Ryerson	\$50.00	\$50.00	Board meeting fees
9/9/20	14941	Operating	Eric Hand	\$150.00	\$150.00	Board meeting fees
9/9/20	14942	Operating	Eric Luis Delacruz	\$30.00	\$30.00	Cell phone
9/9/20	14943	Operating	Jane B. Merrill	\$100.00	\$100.00	Board meeting fees
9/9/20	14944	Operating	Jeff Hill	\$100.00	\$100.00	Board meeting fees
9/9/20	14945	Operating	Jeffrey Kimbell	\$100.00	\$100.00	Board meeting fees
9/9/20	14946	Operating	Jeffrey Martin	\$30.00	\$30.00	Cell phone
9/9/20	14947	Operating	Michael A. McDonald	\$100.00	\$100.00	Board meeting fees
9/9/20	14948	Operating	Nathan Crowder	\$30.00	\$30.00	Cell phone
9/9/20	14949	Operating	Steve Pittman	\$200.00	\$200.00	Board meeting fees
8/31/20	100016	Huntington Bond F	Centier Bank	\$171,738.32	\$171,738.32	Escrow deposit to account 103323074
8/31/20	100017	Huntington Bond F	GRW	\$26,746.75	\$26,746.75	CIP-Proj 1902 Bond Proceeds - Const Admin
8/31/20	100017	Huntington Bond F	GRW	\$11,520.00	\$11,520.00	CIP-Proj 1902 Bond Proceeds-Const Obsv
8/31/20	100018	Huntington Bond F	Thieneman Construction, Inc.	\$1,545,642.92	\$1,545,642.92	CIP - Proj 1902 Plant Expansion

3 of 4

Docket Report Information

CIP - Proj 1910 Office Improvements	\$269,806.36
CIP - Proj 1802 Haver Way	\$2,000.00
CIP - 1902 Plant Expansion	\$1,584,957.17
CIP-Proj 1906 Outfall Final Design	\$43,984.93
CIP-Proj 2003 Future Sewer	\$4,480.00
CIP- Proj 1901 LS 14 Elimination	\$211,987.64
CIP - Lab oven	\$2,321.56
CIP - Lab balancer	\$2,076.00
CIP - LS 1 Insurance repairs new metal roof	\$4,427.50
CIP-Plant - Level Sensors R4R	\$7,957.36
	<hr/>
	\$ 2,117,216.10

District Insurance	\$37,392.81
Carmel August Flow	\$86,234.36

Other Expenses	\$607,389.93
----------------	--------------

Total Claims	\$2,848,233.20
---------------------	-----------------------

Selected Statistics 2020	January	February	March	April	May	June	July	August	2020 Monthly Average	2020 YTD	2019 Total Through August
Maintenance Information											
Lateral Inspections	22	17	32	35	29	21	17	22	24	195	300
Certified I&I Inspections	32	34	20	14	17	77	79	43	40	316	432
Failed I&I Inspections	1	5	1	0	0	0	0	0	1	7	22
Sewer Locates	561	608	555	577	423	474	383	548	516	4,129	3,807
Manholes Added	0	12	0	5	3	15	-4	2	4	33	17
Total # of Manholes	5,886	5,898	5,898	5,903	5,906	5,921	5,917	5,919	N/A	5,898	5,865
Manholes Inspected	269	568	1,051	4	7	0	2	18	240	1,919	1,952
Feet of Sewer Added	0	4,324	0	1,019	831	4,954	-1,585	10,188	2,466	19,731	27,571
Total Footage of Sewers	1,671,814	1,676,138	1,675,879	1,676,898	1,677,729	1,682,683	1,681,098	1,691,286	N/A	1,675,879	1,658,718
Feet of Sewer Televised	23,972	16,128	50,319	2,145	41,262	33,246	10,042	44,797	27,739	221,911	147,784
Feet of Sewer Cleaned	2,999	0	716	1,911	0	2,175	525	1,852	1,272	10,178	5,016
Overflows	0	0	0	1	0	2	0	0	0	3	3
Feet of LPFM Cleaned	6,617	0	0	0	53,760	0	6,887	0	8,408	67,264	0
Station 1 to Carmel Utilities											
Rainfall/Precipitation (inches)	5.03	2.22	5.01	2.12	5.85	2.42	3.19	2.41	3.5	28.3	33.57
Total Flow (gallons)	72,650,726	63,405,245	71,958,853	51,036,963	52,742,038	46,077,825	46,988,281	48,429,206	56,661,142	453,289,137	509,319,502
Maximum Daily Flow (gallons)	3,594,037	4,551,181	4,238,402	2,259,300	3,189,681	1,817,363	1,900,602	2,244,671	N/A	4,551,181	4,142,014
Average Daily Flow (gallons)	2,343,572	2,186,388	2,321,253	1,701,232	1,701,356	1,535,928	1,515,751	1,562,232	1,858,464	14,867,712	16,488,282
Minimum Daily Flow (gallons)	1,801,105	1,732,672	1,753,183	1,305,588	1,231,340	1,336,026	1,305,919	1,356,525	N/A	1,231,340	1,150,531
Michigan Road WWTP											
Total Flow (gallons)	89,875,000	78,930,000	91,107,150	85,040,924	97,194,437	87,218,417	91,979,836	92,866,276	89,276,505	714,212,040	675,001,000
Maximum Daily Flow (gallons)	7,015,000	3,950,000	386,839	3,175,904	4,529,799	3,389,293	3,650,226	3,982,489	N/A	7,015,000	6,199,000
Average Daily Flow (gallons)	2,899,194	2,721,724	2,938,940	2,834,697	3,135,304	2,907,281	2,967,091	2,995,686	2,924,990	23,399,917	22,256,220
Minimum Daily Flow (gallons)	2,192,000	2,292,000	2,500,000	2,631,688	2,841,935	2,711,031	2,535,229	2,607,942	N/A	2,192,000	1,751,000
Total Flow to Both Plants	162,525,726	142,335,245	163,066,003	136,077,887	149,936,475	133,296,242	138,968,117	141,295,482	145,937,647	1,167,501,177	1,184,320,502
Biosolids Handling (gallons)											
Wasted (Biosolids)	1,825,900	1,417,900	1,457,700	1,603,800	1,359,400	1,330,200	1,501,400	1,402,100	1,487,300	11,898,400	15,274,100
Dewatered	435,000	707,000	912,000	612,000	558,000	516,000	624,000	531,000	611,875	4,895,000	5,691,000
Digested Sludge Withdrawn	1,376,000	787,000	826,000	761,000	652,000	673,000	749,000	758,000	822,750	6,582,000	5,662,770
Customer Information									Billed Accts	15,928	
New Sewer Service Accounts	32	18	18	18	33	24	18	24	23	185	241
Permits Issued	40	20	23	11	12	23	18	21	21	168	247



PERSONNEL AND BENEFITS

Wednesday, August 26, 2020 at 7:30 a.m.

Memorandum

Ms. Lamb called the meeting to order at 7:37 a.m.

Roll Call: Members Present: Committee Chair Barb Lamb, and member Jeff Kimbell. Others in attendance were Utility Director Andrew Williams and Administrative Assistant Maggie Crediford.

Member Chuck Ryerson was absent.

Public Comment

There was no one present from the public.

Safety Update

Mr. Williams stated that one in-person safety training session was held for staff. TriCo has had no employees test positive for the virus. One employee was out on pandemic pay due to exposure to an infected family member, however the employee tested negative for the virus. Another employee was out for symptoms and ended up testing negative. A couple of employees of the construction contractor have tested positive but so far it has not affected the TriCo staff or the progress of the construction projects.

Ms. Lamb asked if anyone affected by the pandemic has had to miss work without pay. Mr. Williams said that no one has missed work without pay. Managers are working hard to find work or training employees can do from home in the event they have to miss work for a pandemic related event.

Cost of Living Adjustment Consideration

Mr. Kimbell asked when the Committee needs to make a recommendation to the Board regarding COLA. Ms. Lamb said November.

Mr. Williams stated that the City of Carmel and the City of Indianapolis have announced employees will not be receiving a COLA for 2021. Ms. Crediford has reached out to other municipalities in the area and has not received a response on what they are doing.

Mr. Kimbell asked if the CPI (Consumer Price Index) was used to decide the 2020 COLA. Ms. Lamb said she believed it was the CPI-W (Consumer Price Index for Urban Wage Earners and Clerical Workers) and Mr. Williams added the Board also gave a 1.5% adjustment based on the Utility's performance for the year. Mr. Kimbell noted that most

employees will receive a STEP pay increase. Mr. Williams said there are four employees at the top of their pay range that would not receive a built-in increase in pay.

Ms. Lamb asked how the Utility is performing in 2020. Mr. Williams said commercial revenue is back in line with what was budgeted. Residential projects have not slowed down.

Ms. Lamb said she would like to wait to engage in a discussion regarding COLA until the Utility sees if there is an increase in health insurance premiums. She asked Mr. Williams to research the numbers for the CPI-W

Review of Pandemic PTO / Work from Home practices

Mr. Williams reminded the Committee that TriCo mirrored the City of Carmel along with Federal Law when drafting its Pandemic Pay Ordinance. Employees were given 112.5 hours of pandemic pay. Some employees have used all the allotted time by being home with their children whose schools or daycares were closed by the pandemic. Mr. Williams said he believes the Board was generous with the time given. A couple employees who have used their time have asked what will happen if schools or daycares close again this fall. Mr. Williams said Managers will work with employees to provide work from home opportunities if needed and it will be handled on an individual basis. One employee indicated that he has banked his earned PTO over the summer to have in the event schools close again in the fall. Ms. Lamb said the Committee can revisit the issue again at the end of the year to discuss if anything needs to be offered in 2021.

Office Unification Update

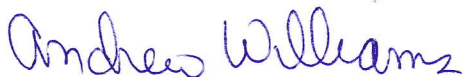
Mr. Kimbell asked when the new office building will be finished. Mr. Williams said the contractor is projecting staff moving into the building the middle of November. Mr. Merkle is talking to moving companies. Employees will pack the items from their desks and label them, movers will pick them up after the close of business and deliver them so employees will go to the new location the next morning and unpack their things in their new work stations. There are some filing cabinets that will be moved as well. They will need to be emptied, picked up and painted, and delivered to the new office.

Adjournment

The meeting adjourned at 8:10 a.m.

Next Scheduled Meeting: Wednesday, September 23, 2020 @ 7:30 A.M.

Respectfully Submitted,



Andrew Williams
Utility Director



CAPITAL & CONSTRUCTION MEETING

Tuesday, September 8, 2020 at 4:30 p.m.

Memorandum

Mr. Pittman called the meeting to order at 4:35 p.m.

Members Present: Committee Chair Steve Pittman and Committee Member Jeff Hill. Others in attendance were Board President Carl Mills, Legal Counsel Anne Poindexter, Utility Director Andrew Williams, Engineering Manager Wes Merkle, Utility Engineer Ryan Hartman, Collections Superintendent Aaron Strong and Administrative Assistant Maggie Crediford.

Mr. Hand was absent.

Public Comment

There was no one present from the public.

Dedications

Mr. Pittman read the recommended action made by staff to accept the dedication of the Indianapolis Rehabilitation Institute and John D. Perry sanitary sewers. Mr. Pittman asked if the sewers are located near the John Kirk Furniture store. Mr. Hartman confirmed they are.

The Committee will recommend the Board accept the Indianapolis Rehabilitation Institute and John D. Perry sanitary sewer dedication.

Lift Station 11 Pump Replacement

Mr. Pittman read the recommended action made by the Utility staff to approve purchasing replacement pumps from American Pump Repair & Service, Inc for \$35,400.

Mr. Hill asked if the Utility is required to purchase pumps from the lowest bidder since its preferred equipment vendor was not the lowest bidder. Mr. Merkle indicated that staff met with the vendors and were given a thorough demonstration on the pumps. Staff felt comfortable with the Grundfos pumps being offered by American Pump Repair & Service, Inc. Mr. Williams said learning another pump gives staff a diverse skill set. Mr. Strong said his team is resilient and can fix just about anything. He is not concerned that they will be able to service the new pumps.

Mrs. Poindexter said if the Utility wanted to designate one pump from one manufacturer to use, staff must be very careful and have specific justifications for doing so. Trying new vendors and products would strengthen an argument to go with a more expensive vendor or product if alternative products turn out to be subpar.

The Committee will recommend the Board approve purchasing replacement pumps from American Pump Repair & Service, Inc for \$35,400.

Lift Station 2 Odor Control Equipment

Mr. Merkle said odor consultant Chet Morton helped the Utility get through the plant odor project. He did the design work and specs for the system. Collections sent air samples in for lab analysis and completed air monitoring for hydrogen sulfide. The information was relayed to Mr. Morton who recommended a biofiltration system for the lift station and prepared a performance specification. These systems have a higher upfront cost, but they provide long term savings from long media life, no chemicals and minimal maintenance needs. Mr. Morton worked with Biorem who supplied most of the equipment currently used at the plant. Mr. Morton is working with a second company Bioair, who the Utility has not received a quote from yet. The Biorem quote is below the budgeted amount for the project.

Mr. Williams said he has stopped at the lift station when driving by because the smell is strong. He noticed that the air was blowing out of the wet well vents which is unusual. Collections Staff is troubleshooting the vents. Mr. Strong said the Collections staff believes the issue is in the first media bed, and they are looking into it.

Mr. Mills asked if this project was in the 2020 budget. Mr. Merkle confirmed and said \$200,000 was budgeted in 2020 for this project. New equipment should be delivered by the end of the year. Later this fall staff will receive quotes for equipment installation.

#1910 Office Landscaping

Mr. Merkle said he requested quotes from eight contractors. He received only two quotes and both were far over budget. The project is being requoted. Mr. Merkle spoke with the two contractors who quoted the project and clarified the scope of work. Mr. Pittman said he can send Mr. Merkle recommendations for more landscapers who may be interested in quoting the project. Mr. Merkle said he should have revised numbers by the end of the week.

Capital Project Updates

#1802 Haver Way Sewer Improvements- Work is expected to begin in the coming weeks. The contractor expects to finish the work by the end of the year.

#1901 Lift Station 14 Parallel Force Main

Construction is about 80% complete. The force main is in the ground. Crews are working on tie ins at Lift Stations 14 and 17. There are piping modifications and new valves that will be installed at Lift Station 14 under this project.

#1902 TriCo WRRF Expansion

Mr. Merkle suggested having the October C&C Meeting at the plant so the Committee members can tour the facility. All concrete pours for the three clarifiers and the mixed liquor splitter are complete. Clarifier equipment should be arriving later this fall. The

Vertical Loop Reactors floor slab was poured and two out of 14 wall pours are complete. New equipment including pretreatment screens, grit washers, blowers, pumps, disinfection, and electrical gear has been delivered to the plant. The grading and storms sewer work for the office is underway. Everything for the office will be done by mid-October. Alderson is targeting completion at the end of October. Many challenges and quality issues staff was dealing earlier in the project with have been addressed. The inspector on site has done a good job overseeing the work.

#1906 Eagle Creek Outfall Sewer Extension

The Contractor will begin work this week and wants to have the work completed by the end of the year.

#1910 Office Unification

Drywall work is nearly complete with many walls receiving primer and a first coat of paint. Restroom tile work is mostly complete. Plumbing and HVAC work will be complete shortly. Electrical work continues. The new power feed from the Chemical Building will be complete shortly. Lighting and electrical device installation are underway. Exterior brick masonry work is complete. Exterior metal trim, paneling, gutter and downspout installation will follow in the coming weeks. Most exterior windows as well as skylights are installed. Windows and doors on the front elevation as well as interior spaces will be installed in a few weeks after trades begin clearing out and the risk of damage is reduced. Mr. Merkle said there are multiple crews working at the site simultaneously.

Mr. Pittman asked if crews are complying with social distancing guidelines and wearing masks. Mr. Merkle said some crew members are wearing masks. Mr. Merkle said the was electrical foreman tested positive for Covid 19 a couple of months ago. At that point everyone inside was wearing masks, but as time has gone on less people are wearing them. Generally, people out at the plant are standing at least six feet from each other and the space is well ventilated. Mrs. Poindexter suggested the Utility remind the contractors that they are responsible for worksite safety and following any state laws including the executive orders regarding Covid 19.

Alderson is targeting an on-time completion. The pace of changes has slowed down and the dollar values of those changes decreased, however there have been almost 50 change requests. Mr. Pittman asked where the project stands in relation to the approved budget. Mr. Merkle said the project is currently around four percent over the original construction contract amount and the Utility budgets five percent. Mr. Pittman asked how far along the project is. Mr. Merkle said it is 70 to 80 percent complete.

#1911 Lift Station 11 Pump and Control Panel Replacement

The new pumps are expected to be delivered in October. The control panel on site is newer and will be modified to go over to the new Haver Way lift station. The control panel from Lift Station 4, which was eliminated two years ago, is also newer and will be modified to work at Lift Station 11. Installation will be quoted next month.

#2001 Little Eagle Creek Interceptor Extension

Staff continues to stay in contact with developers in the area regarding the status and timing of their projects. TriCo will move forward with design as developers do the same on their projects.

#2002 Lift Station 2 Odor Control System

Whichever company is selected to provide new odor equipment, the equipment will be delivered in December for installation.

#2003 2020 Neighborhood Sewer Extensions

The project will begin this week in Lakewood Gardens. The contractor plans to have four crews onsite and possibly be done before Thanksgiving. Lakewood Gardens is located at 98th Street and Keystone Parkway.

Lift Station 1 Repairs

The new generator has been ordered and should be delivered and installed in November or December.

The meeting adjourned at 5:16 p.m.

Respectfully Submitted,



Wes Merkle
Engineering Manager



MEMORANDUM

To: Board of Trustees
From: Wes Merkle
Date: September 10, 2020
Subject: Dedications

Indianapolis Rehabilitation Institute and John D. Perry sanitary sewers are complete and ready for dedication. Staff is recommending acceptance of these sewers.

Recommended Action: Accept the dedication of Indianapolis Rehabilitation Institute and John D. Perry sanitary sewers.



MEMORANDUM

To: Board of Trustees

From: Wes Merkle

Date: September 10, 2020

Subject: Lift Station 11 Pump Replacement

The following quotes were received for replacement pumps at Lift Station 11:

Flygt (Xylem Water Solutions USA, Inc.)	\$57,768
KSB (Straeffer Pump & Supply, Inc.)	\$39,345
Grundfos (American Pump Repair & Service, Inc.)	\$35,400

Quotes include lifting equipment, spare parts, and accessories standard in lift station installations. TriCo has long used Flygt pumps for consistency in stocking spare parts and staff familiarity with maintenance and repair. We have no pumps from KSB or Grundfos, however both manufacturers have good reputations. While maintenance staff prefers Flygt, they believe KSB and Grundfos pumps are acceptable alternatives.

Existing pumps are 13 years old and in need of substantial repairs. They struggle to keep up with wet weather flows. The new pumps were upsized to handle buildout flows.

Next month staff will receive quotes for piping modifications, pump installation, and installation of a new control panel, variable frequency drives, and electrical equipment. Electrical equipment, valves and piping are original and beyond their useful life.

Recommended Action: Approve purchasing replacement pumps from American Pump Repair & Service, Inc. for \$35,400.



MEMORANDUM

To: Board of Trustees

From: Wes Merkle

Date: September 10, 2020

Subject: Lift Station 2 Odor Control Equipment

The current odor control system uses activated carbon media that requires replacement several times a year. The system has become costly, unreliable, and unable to consistently control odor at the site. Staff has received many complaints about odor in the last few years. Lift Station 2 is located in a high traffic area at 106th Street and Spring Mill Road. Walking paths run along both streets immediately adjacent to the lift station.

Staff has been working with the same wastewater odor control expert who guided the plant odor control project several years ago. He recommended a biofiltration system for the lift station. While these systems have a higher up-front cost, they provide long term savings from long media life, no chemicals, and minimal maintenance needs. We received one proposal from Biorem and we are waiting for a competing proposal from Bioair; both are reputable companies in this industry.

New equipment should be delivered by the end of the year. Later this fall staff will receive quotes for equipment installation. The total budget for this project was \$200,000.

The second proposal should be received shortly. Staff will present results and recommendations at the Board of Trustees meeting.



MEMORANDUM

To: Board of Trustees
From: Wes Merkle
Date: September 10, 2020
Subject: #1910 Office Landscaping

Landscaping was designed by Land Story in coordination with our architects at Blackline. Their design included trees, shrubs, perennials, and lawn seeding around the new office and parking lot. The Office Unification project budget included \$50,000 for landscaping.

Staff issued a quote request to eight local landscaping contractors. The two quotes received were far over budget, so staff adjusted the scope of work accordingly and re-issued the quote request. Staff will present results and recommendations at the Board of Trustees meeting.