



TriCo Regional Sewer Utility

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Board of Trustees Meeting Agenda

Monday, April 11, 2022 @ 6:00 p.m.

TriCo WRRF

7236 Mayflower Park Drive, Zionsville, IN 46077

1. Roll Call
2. Public Comment
3. Approval of Meeting Memorandum, Board Meeting March 14, 2022
4. Approval of Claims Docket
5. Attorney's Report
6. Utility Director's Report
7. Committee Reports
 - a. Budget & Finance Committee
 - b. Personnel & Benefits Committee
 - c. Capital & Construction Committee
 - i. On-Call I&C Professional Services
 - ii. Service Area Addition
 - iii. Pump Replacements – Lift Stations 1 & 2
 - iv. #2202 Professional Services – Lift Station 8 Reconstruction
 - v. #2207 Professional Services – Lift Station 26 Parallel Force Main
 - vi. #2208 Professional Services – Lift Station 16 Reconstruction
8. Old Business
 - a. Property Transfer to Clay Township
9. New Business
 - a. Petition to add Water to the District's Purpose (IC13-26-1-2)
10. Adjourn



BOARD OF TRUSTEE MEETING

Monday, March 14, 2022, 6:00 p.m.

Memorandum

Mr. Mills called the meeting to Order at 6:03 p.m.

ROLL CALL

Present: President Carl Mills, Treasurer Jane Merrill, Secretary Michael McDonald, members, Eric Hand, Chuck Ryerson, Steve Pittman and Amanda Foley. Others in attendance were Utility Director Andrew Williams, Legal Counsel Scott Wyatt, Engineering Manager Wes Merkle, and Controller Cindy Sheeks. Member Jeff Hill and Vice President Jeff Kimbell were absent.

PUBLIC COMMENT

There was no one present from the public.

APPROVAL OF MEETING MEMORANDUM

Mr. McDonald made a motion to approve the February 14, 2022, Board meeting memorandum. Ms. Merrill seconded the motion, and it was unanimously approved.

APPROVAL OF CLAIMS DOCKET

Ms. Sheeks said a check to Thieneman that was issued in December was never received by them. She canceled that check and reissued a new one. There was also a large insurance payment made this month.

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

ATTORNEY'S REPORT

Mr. Wyatt had no report. He told Mr. Merkle he needs to schedule a date to meet onsite with property owners to see if specific trees can be saved during the Little Eagle Creek Interceptor project. Mrs. Poindexter is hoping to avoid condemnation proceedings for easements. Mr. Pittman asked how many property owners are reluctant to make easement agreements. Mr. Wyatt said two.

UTILITY DIRECTOR'S REPORT

Mr. Williams said he had a meeting with First Person to begin the 2022 Compensation Study. They are reviewing information sent to them by the Utility regarding its staffing positions and sending back information for the managers to review regarding job comparisons with other communities to find the best matches. Mr. Williams said he has also received the first draft of the benefits comparison and will present the findings of that at the next Personnel and Benefits Committee meeting.

Ms. Merrill asked about the lost time injury that was noted in the Newsletter. Mr. Williams explained there was a pump failure on the pump truck and one of the employees was injured by

high pressure water. Injuring his arm. The employee received medical attention but has since been fully released and is back to his normal duties.

COMMITTEE REPORTS

Budget & Finance Committee

Ms. Merrill said the Budget and Finance Committee did not meet.

Personnel & Benefits Committee

Mr. Ryerson said the Personnel and Benefits Committee did not meet.

Capital & Construction Committee

Ms. Foley said the Capital and Construction Committee did not meet but they do have a dedication. Ms. Foley made a motion to accept the Ambleside Phase 1 sanitary sewers. Ms. Merrill seconded the motion, and it was unanimously approved. Ms. Merrill asked where Ambleside is located. Mr. Pittman said it is at 146th Street and Towne Road.

OLD BUSINESS

Mr. Williams presented the 2022 Goals and Objectives to the Board. (See attachment) He asked the Board members to contact him with any suggestions. Mr. Ryerson pointed out that to be a true objective the action needs to be measurable; they shouldn't be too vague.

NEW BUSINESS

Sewer Line Rapid Assessment Tool

Mr. Williams said Staff would like to purchase a new technology available for sewer inspections which is currently implemented by the City of Carmel and Citizens Westfield. Both feel it has been a valuable tool. The system involves sending sonar waves down the sewer line to detect blockages or vulnerabilities in the line. Mr. Strong has done extensive research and is comfortable with the technology. Staff feels that it could be used during manhole inspections, a third of which get inspected yearly. The line could be checked and if there is an abnormality the camera could be sent down to investigate. This item was not included in the 2022 Capital Budget. However, the Collections Department does have \$40,000 in the Operating Budget to hire an outside company to help complete the 2022 televising schedule. The sonar system would eliminate the need to hire the outside company to help televise TriCo's sewer lines so they would like to reallocate \$28,000 of that money to the purchase of the sonar equipment. Mr. McDonald asked if staff has considered the downsides of implementing new technology and if it will decrease the accuracy of finding issues by televising. Mr. Williams said the technology has been around for about 20 years it has just recently caught on in this area. The staff will be verifying data with the camera to ensure its accuracy as they become comfortable with the technology. Mr. Williams asked if the Board would consider reallocating \$28,000 from the Operating Budget that was earmarked for outside televising services to purchase the sonar equipment.

Ms. Merrill made a motion to purchase the sewer line Rapid Assessment Tool. Mr. McDonald seconded the motion. Mr. Ryerson asked how the sonar system works. Mr. Strong said the sonar wave is sent into the sewer line through a transmitter and produces an acoustic signal that is read by a receiver which would rate if the wave traveled through the pipe unobstructed. Anything that scores a one through five out of ten on the receiver will be televised to see if there is an

obstruction or break in the line. Mr. Pittman asked how much staff time it will take to operate the equipment and will it take staff time away from other daily tasks. Mr. Strong said staff is currently inspecting 2000 manholes each year, this process will be included in those inspections. It would increase time at each manhole by about four minutes per manhole, but it will decrease time spent televising lines. Mr. Hand asked if the technology is measuring the transmittal of sound through the air in the pipe or through the sewage or through the pipe casing. Mr. Strong said it is transmitted through the air in the pipe. Mr. Mills asked how soon the equipment will be delivered. Mr. Strong said they have it in stock and it should be delivered in about three weeks after purchase. Mr. Mills asked Ms. Sheeks how the budgets need to be adjusted. Ms. Sheeks said Budget and Finance will need to discuss how exactly to document the change in the budgets for this purchase. The motion was unanimously approved.

Vehicle Purchase

Mr. Williams said \$50,000 is budgeted for a new truck in 2022. Staff was able to find a Chevrolet truck available under that amount. They are projecting the truck will be delivered by the end of the year. Mr. Mills asked if Chevrolet is holding the price firm until delivery. Mr. Strong said it will be no more than the price quoted but he will have an exact price at the time the truck is ordered. Mr. Hand asked if the proposed Chevrolet truck is a crew cab model. Mr. Strong said it is. Mr. McDonald made a motion to purchase a Chevrolet Silverado 2500 4X4 for \$45,900 from Hare Chevrolet. Mr. Hand seconded the motion, and it was unanimously approved.

Cartegraph/Lab Software Presentations

Mr. Martin gave a presentation on the status and capability of the new Cartegraph software. The go live date is scheduled for the beginning of April.

Mr. Mills thanked the staff for the Board Appreciation Dinner.

ADJOURNMENT

Ms. Merrill made a motion to adjourn the meeting. Mr. Pittman seconded the motion. The meeting adjourned at 6:49 p.m.

The next Board of Trustees Meeting is scheduled for Monday, April 11, 2022, 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

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MONTHLY NEWSLETTER

FINANCIAL UPDATE- CINDY SHEEKS

In February 2022, total revenue was \$614,466. It is down \$20,000 from January 2022, and \$12,000 below figures from February 2021. YTD the revenue collections are \$1,241,25 of the annual budget of \$7,759,350, or 16.10%. Residential income was \$413,188 during the month, \$6,816 lower than February 2021. Commercial sales totaled \$181,807 in February 2022, even with sales in February 2021. The Other Revenue category (late fees, application fees, plan review fees) was \$11,986 in February. The Other Income category (interest, gains on asset disposal, miscellaneous revenue) was \$7,484 during the month.

Total operating expenses were \$483,134 in February. YTD spending is 20.26% of the 2022 Operating Budget of \$5,803,897. Total February 2022 spending was \$69,624 higher than expenses in February 2021. Wages and benefits spending totaled \$188,681 during the month. Administration spending was \$72,900 during February. Treatment costs totaled \$179,933 and collection costs totaled \$41,618 during the month.

Net income in February was \$-10,948 after depreciation and amortization of CIAC. February 2021 net income totaled \$80,515.

Spending Breakdown in February:

Wages	39.05%
Administration	15.09%
Treatment Costs	37.24%
Collection Costs	8.61%

Interceptor fees collected in February were \$6,520. EDU fees collected during February were \$33,328.

Cash generated for February shows a decrease in all funds of \$358,458. Capital spending during the month for the plant expansion was \$183,427. Additional capital spending during the month included LS 14 interceptor, and neighborhood sewer projects. Cash on hand as of February 28, 2022 was \$12,494,830. The balances in the funds are listed below:

Operating	\$7,156,801
Interceptor	\$-124,614
Plant Expansion	\$2,605,438
Operating Reserve	\$519,252
Reserve for Replacement	\$-38,857
2020 Bond Funds	<u>\$2,376,809</u>
Total	\$12,494,830

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Calendar of Events

April 11	Board Meeting	6:00 p.m.
April 22	B&F Meeting	7:30 a.m.
April 27	P&B Meeting	7:30 a.m.
May 2	C&C Meeting	4:30 p.m.

ENGINEERING & CONSTRUCTION - WES MERKLE

Staff completed 269 locates, 17 I&I inspections and 22 lateral inspections in March. There were no failed I&I inspections. 1,581 locate requests were received and reviewed. Brandon assisted with lab work and mainline inspection, in addition to completing most lateral and I&I inspections. Nate completed most locates. He is also collecting and documenting force main and low pressure main locating data into GIS. Tristan returned to Collections after inspecting Asherwood sewer installation for several weeks. Eric continued inspecting new sewers at Albany Village near 146th Street and Shelborne Road. Jeff continued driving implementation of Cartegraph, our new asset management system, which should be online in the coming weeks. Ryan is guiding numerous private development and road improvement projects through plan review. The Hamilton County Parks Department completed sewer repairs in Coxhall Gardens, which removed fountain drains and other I&I sources from our collection system. This was the last known substantial source of I&I in Basin 8. Ryan spent many years working with Hamilton County Parks on sewer repairs at Coxhall Gardens.

Ryan and Wes are working with legal counsel to secure easement for the Little Eagle Interceptor Extension project. Punch list work remains on the 2021 neighborhood sewer projects. Wes and Aaron secured quotes for replacement pumps at Lift Stations 1 and 2. GRW is finalizing plans and specifications for new generators at Lift Stations 11, 14 and 26. Proposals were received for design of reconstruction of Lift Stations 8 and 16, as well as the Lift Station 26 Parallel Force Main projects. Many other projects will start later this year.

PLANT EXPANSION PROJECT UPDATE - WES MERKLE

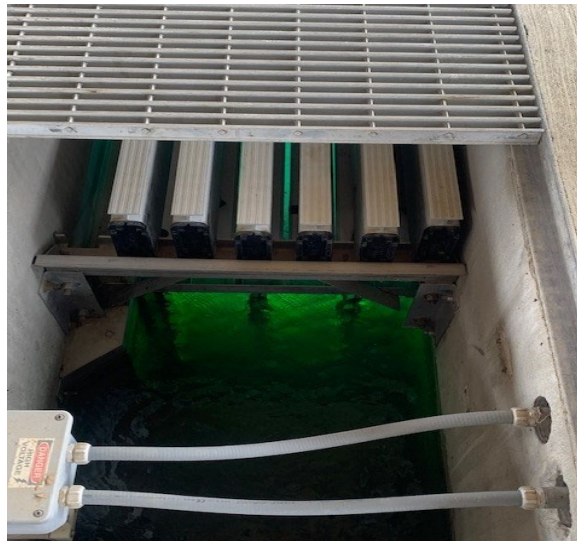
Work continues on the old VLRs, which were taken offline and drained for cleaning and improvements. Crews are installing additional gates between tanks, adding a mixed liquor recycle pump and piping that enables total nitrogen removal, and replacing original rotor motors, gear reducers and bearings on VLRs 1 and 2. The large amount of grit buildup will be removed over the next few weeks.

Another startup of the grit removal equipment had to be postponed due to more equipment problems. Troubleshooting continues. Corrections will be made by the contractor and equipment vendors. Successful startup is anticipated in April.

Improvements to the old VLRs should be complete and back online late April, at which time we will have officially expanded plant capacity to 5.72 MGD. Remaining pavement, including surface pavement throughout the site, final grading and seeding will be completed in spring.

PLANT UPDATE- SCOT WATKINS

Staff placed the UV system back online for this year's disinfection season. Staff replaced bad batteries in the emergency lights for the RAS/WAS building. Digester #1 blower failed and is scheduled for repairs. Work orders are now starting to be issued to plant staff thru the new asset management program.



UV System

Ninety-four FOG inspections were completed with three follow ups. One hundred twenty-four pump outs have been logged and account for over 44,269 gallons of FOG being prevented from entering the system this month. One violation was issued for past due cleaning. Staff Completed & submitted TriCo's Annual Pretreatment report for IDEM. New Facilities opened: Java House Coffee Bar.

The laboratory performed 280 CBOD5 tests, 224 Total Suspended Solids tests, 139 Phosphorus & Ammonia tests' 64 Total Nitrogen tests & start E coli testing for 2022 disinfection season. Monthly Method Detection Limit studies were completed on TSS, Phosphorus and Ammonia. Staff is in the process of the annual SOP updates. The new Lab Program was fully operational for March.

SAFETY UPDATE - LOREN PRANGE

No injuries reported this month, and we are at 59 days without a loss time accident.

Loren and Scot attended the IWEA Safety Meeting for March.

The monthly inspections of the fire extinguishers and emergency lights were completed.

Chris with Safety Resources completed our annual facility safety Audit. We use this report to repair, replace and improve safety conditions within the facility for our employees.

We also have our excellence in safety award inspection due by June 1st. We invite IWEA safety committee members to do a walk through our plant which allows us to compete for an award at the annual conference.

Safety is never 'attained' but a work in progress in tension between "As Low As Reasonably Practicable" and the Precautionary Principle. – **Dr. Rob Long**

COLLECTIONS UPDATE- AARON STRONG

Collections Staff weathered yet another wet month with just over 6.00 inches of rain recorded in the TriCo service area in the month of March. Early morning power outages were handled by Brian Vaughn who brought Lift Station #11 back on-line with a portable generator until Utility power was restored. Lift Station #19 went high level due in part to a faulty high-level alarm, Staff replaced the level control device and took the additional flow off the station by redirecting flow from Lift Station #23 toward Lift Station #17.

Staff responded to 5 customer assistance requests with no issues found in TriCo's infrastructure. Standard protocol is to verify TriCo mains are flowing unincumbered by checking both upstream and downstream manholes, crews will then inspect customers cleanouts and provide recommendation as to next steps. Collections Staff responds to an average of 50 customer assistance requests per year.

Dan and Tristin have embarked on yearly manhole inspections in the year 1 cleaning and inspection cycle. They are off to a great start by inspecting 387 of the 2008 manholes on the schedule. Inspections are performed in Cartegraph, the Utilities new data asset management system. Photos of the structures are uploaded to the assets and corrective action workorders are generated based on the physical inspections.

Staff rounded out the month by cleaning Lift Station #5, abandoning a lateral cored into manhole structure OP-14 and modifying a flowline in Woodpark Section 2.

Birthdays

Matt Starr April 9

Ryan Hartman April 15

Anniversaries

Jeff Martin April 1, 32 years of service

Kelly Ryan April 2, 4 years of service

Tristin Gardner April 12, 1 year of service

Scot Watkins April 18, 17 years of service

			TriCo Regional Sewer Utility			
			Register of Claims			
			For the period 03/10/2022-04/30/2022			
Payment date	Check number	Bank name	Payee name	Amount	Amount Allowed	Description
3/10/2022	17540	Operating	Cody Cain	\$297.46	\$297.46	Jeans
3/10/2022	17541	Operating	Wes Merkle	\$171.11	\$171.11	Reim-mileage, parking, lunch
3/11/2022	17542	Operating	Brian Vaughn	\$60.84	\$60.84	Mileage-Core Conference, Truck Show
3/11/2022	17543	Operating	Daniel Rossman	\$108.81	\$108.81	Mileage-on call
3/11/2022	17544	Operating	Robert Roudebush	\$58.50	\$58.50	Mileage - Core Conference
3/14/2022	17545	Operating	Shruti Sathuja	\$366.15	\$366.15	Refund-4411 Panthera Leo Dr
3/14/2022	17546	Operating	Shaun Odom	\$70.20	\$70.20	Mileage-WWETT, CIOA
3/15/2022	17547	Operating	Carmel Utilities	\$29.89	\$29.89	LS 26
3/15/2022	17547	Operating	Carmel Utilities	\$280.90	\$280.90	LS 2
3/15/2022	17548	Operating	Indiana Water Environment Associa	\$75.00	\$75.00	CS-III Exam - Brian Vaughn
3/15/2022	17549	Operating	Indiana Water Environment Associa	\$65.00	\$65.00	CS-I Exam Carter Kaminski
3/15/2022	17550	Operating	Indiana Water Environment Associa	\$75.00	\$75.00	CS-III Daniel Rossman
3/23/2022	17551	Operating	Andrew Williams	\$375.69	\$375.69	Mileage 811, Board dinner reimbursement
3/23/2022	17552	Operating	AFLAC	\$374.02	\$374.02	Employee deductions
3/23/2022	17553	Operating	Carmel Utilities	\$14.70	\$14.70	LS 1
3/23/2022	17554	Operating	Paymentus Group, Inc.	\$29.85	\$29.85	NSF fees
3/24/2022	17556	Operating	Rita Abram	\$937.51	\$937.51	Refund-11500 Golden Willow Ct
3/28/2022	17557	Operating	Mohammad Bari	\$153.84	\$153.84	Refund-11415 Zanardi Ct
3/30/2022	17558	Operating	Brandon Woolf	\$30.00	\$30.00	Cell phone reim
3/30/2022	17559	Operating	Eric Luis Delacruz	\$30.00	\$30.00	Cell phone reim
3/30/2022	17560	Operating	Jeffrey Martin	\$30.00	\$30.00	Cell phone reim
3/30/2022	17561	Operating	Nathan Crowder	\$30.00	\$30.00	Cell phone reim
3/31/2022	17562	Operating	Carmel Utilities	\$160.15	\$160.15	Pmt to acct 0990485904-Brooks
3/31/2022	17563	Operating	Northside Trailer, LLC	\$1,867.31	\$1,867.31	CIP-New Liberty Trailer LU3K72X12C4
3/31/2022	17564	Operating	Brian Vaughn	\$32.76	\$32.76	Mileage
4/5/2022	17565	Operating	Indiana Bureau of Motor Vehicles	\$15.00	\$15.00	Liberty Trailer registration fees
4/6/2022	17566	Operating	Amanda Foley	\$100.00	\$100.00	March board fees
4/6/2022	17567	Operating	Carl S. Mills	\$150.00	\$150.00	March board fees
4/6/2022	17568	Operating	Charles Ryerson	\$100.00	\$100.00	March board fees
4/6/2022	17569	Operating	Eric Hand	\$100.00	\$100.00	March board fees
4/6/2022	17570	Operating	Jane B. Merrill	\$100.00	\$100.00	March board fees
4/6/2022	17571	Operating	Michael A. McDonald	\$100.00	\$100.00	March board fees
4/6/2022	17572	Operating	Steve Pittman	\$100.00	\$100.00	March board fees
4/6/2022	17572	Reserve for F	Safe Approach Inc	\$7,095.01	\$7,095.01	CIP-Safety netting
4/6/2022	17574	Operating	Altman, Poindexter & Wyatt, LLC	\$792.50	\$792.50	Legal fees
4/6/2022	17574	Operating	Altman, Poindexter & Wyatt, LLC	\$575.00	\$575.00	Legal fees
4/6/2022	17575	Operating	Amazon Capital Services	\$143.81	\$143.81	Heater
4/6/2022	17576	Operating	Bee Green Lawn & Plant Health	\$143.92	\$143.92	Lawn Care Treatment
4/6/2022	17577	Operating	Bio Chem, Inc.	\$9,879.06	\$9,879.06	Biosolid Disposal
4/6/2022	17578	Operating	BL Anderson Company, Inc.	\$10,492.00	\$10,492.00	CIP-New blower
4/6/2022	17578	Operating	BL Anderson Company, Inc.	\$2,720.64	\$2,720.64	Plant R & M
4/6/2022	17579	Operating	Black Tie Courier	\$575.00	\$575.00	Courier Service
4/6/2022	17580	Operating	Boone County Recorder	\$25.00	\$25.00	Lien filing
4/6/2022	17581	Operating	Brown Equipment Company	\$21,069.96	\$21,069.96	Pump repair - insurance claim
4/6/2022	17582	Operating	Carmel Utilities	\$606.75	\$606.75	Line maintenance
4/6/2022	17583	Operating	Carmel Utilities	\$114,479.49	\$114,479.49	March flow to Carmel
4/6/2022	17583	Operating	Carmel Utilities	\$1,060.20	\$1,060.20	Billing reads
4/6/2022	17584	Operating	Carmel Utilities	\$44.03	\$44.03	Stormwater fees
4/6/2022	17585	Operating	Concentra Health Services, Inc - CM	\$110.00	\$110.00	Testing fees
4/6/2022	17586	Operating	CuraLinc, LLC	\$295.00	\$295.00	Employee EAP
4/6/2022	17587	Operating	Daily Laboratories	\$132.00	\$132.00	Sewer sampling
4/6/2022	17588	Operating	Dell Marketing L.P.	\$2,858.12	\$2,858.12	Computer
4/6/2022	17588	Operating	Dell Marketing L.P.	\$1,303.41	\$1,303.41	Laptop
4/6/2022	17588	Operating	Dell Marketing L.P.	\$513.54	\$513.54	Monitors
4/6/2022	17589	Operating	Doxim	\$4,275.79	\$4,275.79	Monthly mailing
4/6/2022	17589	Operating	Doxim	\$125.00	\$125.00	Programming-email message
4/6/2022	17589	Operating	Doxim	\$250.00	\$250.00	Programming-Final bills & back of stateme
4/6/2022	17589	Operating	Doxim	\$5,972.01	\$5,972.01	Postage
4/6/2022	17590	Operating	Eco Infrastructure Solutions, Inc.	\$488.30	\$488.30	Televising

Payment date	Check number	Bank name	Payee name	Amount	Amount Allowed	Description
4/6/2022	17591	Operating	Environmental Resource Associates	\$239.70	\$239.70	Sewer sampling
4/6/2022	17591	Operating	Environmental Resource Associates	\$651.82	\$651.82	Sewer sampling
4/6/2022	17592	Operating	Fastenal Company	\$161.57	\$161.57	Safety materials
4/6/2022	17592	Operating	Fastenal Company	\$3,345.42	\$3,345.42	Plant R & M
4/6/2022	17592	Operating	Fastenal Company	\$59.64	\$59.64	Safety materials
4/6/2022	17592	Operating	Fastenal Company	\$50.47	\$50.47	Safety Materials
4/6/2022	17593	Operating	Fluid Waste Services, Inc.	\$990.00	\$990.00	Line Maintenance
4/6/2022	17593	Operating	Fluid Waste Services, Inc.	\$630.00	\$630.00	Line maintenance
4/6/2022	17594	Operating	Grainger	\$86.02	\$86.02	Plant R & M
4/6/2022	17594	Operating	Grainger	\$111.50	\$111.50	Plant R & M
4/6/2022	17594	Operating	Grainger	\$72.14	\$72.14	Safety Materials
4/6/2022	17594	Operating	Grainger	\$83.46	\$83.46	Plant R & M
4/6/2022	17594	Operating	Grainger	\$8.56	\$8.56	Lift Station R & M
4/6/2022	17594	Operating	Grainger	\$14.40	\$14.40	Lift Station R & M
4/6/2022	17595	Operating	Great Lakes Water & Safety Produc	\$310.70	\$310.70	Shipping
4/6/2022	17596	Operating	Hach Company	\$4,110.76	\$4,110.76	Plant R & M
4/6/2022	17596	Operating	Hach Company	\$857.92	\$857.92	Sewer sampling
4/6/2022	17596	Operating	Hach Company	\$450.75	\$450.75	Sewer sampling
4/6/2022	17596	Operating	Hach Company	\$1,207.00	\$1,207.00	Plant R & M
4/6/2022	17597	Operating	InfoSense, Inc	\$28,225.00	\$28,225.00	CIP-SL RAT Standard package
4/6/2022	17598	Operating	IT Indianapolis/Core	\$1,165.75	\$1,165.75	Azure
4/6/2022	17598	Operating	IT Indianapolis/Core	\$10,171.96	\$10,171.96	Monthly fees
4/6/2022	17598	Operating	IT Indianapolis/Core	\$1,179.99	\$1,179.99	CIP-Redundant power for switch stack
4/6/2022	17599	Operating	IUPPS	\$1,749.90	\$1,749.90	Monthly tickets
4/6/2022	17600	Operating	KOORSEN FIRE & SECURITY	\$150.00	\$150.00	Quarterly monitoring 3/22-5/22
4/6/2022	17601	Operating	Merrell Brothers, Inc.	\$1,970.00	\$1,970.00	Biosolid disposal
4/6/2022	17601	Operating	Merrell Brothers, Inc.	\$12,776.51	\$12,776.51	Biosolid disposal
4/6/2022	17602	Operating	Microbac Laboratories, Inc.	\$72.00	\$72.00	Sewer sampling
4/6/2022	17602	Operating	Microbac Laboratories, Inc.	\$90.00	\$90.00	Sewer sampling
4/6/2022	17603	Operating	NCL of Wisconsin, Inc	\$1,685.62	\$1,685.62	Lab supplies
4/6/2022	17603	Operating	NCL of Wisconsin, Inc	\$1,731.58	\$1,731.58	Lab supplies
4/6/2022	17604	Operating	Occupational Health Centers of the	\$113.50	\$113.50	Testing fees
4/6/2022	17605	Operating	Office Pride	\$2,165.00	\$2,165.00	March cleaning service
4/6/2022	17606	Operating	Ogletree Deakins	\$521.55	\$521.55	Legal fees
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$52.76	\$52.76	2012 Transit oil change
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$458.08	\$458.08	2015 F-550 Truck service
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$79.21	\$79.21	2014 Impala oil change
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$58.92	\$58.92	2013 F-150 oil change
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$51.98	\$51.98	2018 Escape oil change
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$58.92	\$58.92	2017 F-150 oil change
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$58.92	\$58.92	2016 F-150 Oil change
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$60.12	\$60.12	2019 Dodge Ram oil change
4/6/2022	17607	Operating	PFM Truck & Car Care Center	\$126.96	\$126.96	2010 F-250 Oil change, service
4/6/2022	17608	Operating	Shred Monkey	\$40.00	\$40.00	Shredding
4/6/2022	17609	Operating	T&T Sales and Promotions	\$40.00	\$40.00	Clothing
4/6/2022	17610	Operating	Taylor Oil Company, Inc.	\$2,591.86	\$2,591.86	Fuel
4/6/2022	17611	Operating	Ultimate Technologies Group	\$330.00	\$330.00	Service fee
4/6/2022	17612	Operating	Utility Supply Company	\$31.51	\$31.51	Line maintenance
4/6/2022	17614	Operating	Wastewater 101, LLC	\$2,000.00	\$2,000.00	Training fees - June 16, 17
3/31/2022	100076	Huntington B	Centier Bank	\$24,909.22	\$24,909.22	CIP-Proj 1902 Deposit to account 103323
3/31/2022	100077	Huntington B	Thieneman Construction, Inc.	\$224,182.94	\$224,182.94	CIP-Proj 1902 Plant Expansion
3/14/2022	2022207	Operating	LogMein USA, Inc.	\$679.57	\$679.57	Phone charges
3/21/2022	2022208	Operating	ADP	\$67,572.44	\$67,572.44	Payroll PPE 3/18/22
3/21/2022	2022209	Operating	Empower Retirement (Hoosier STA	\$9,024.51	\$9,024.51	401a, 457b, Roth
3/23/2022	2022210	Operating	Amazon Capital Services	\$133.14	\$133.14	Office expenses
3/23/2022	2022210	Operating	Amazon Capital Services	\$28.97	\$28.97	Office expense
3/31/2022	2022211	Operating	AT & T	\$1,361.88	\$1,361.88	Internet
3/31/2022	2022212	Operating	AT&T Mobility	\$3,436.42	\$3,436.42	Employee cell phones
3/24/2022	2022213	Operating	CenterPoint Energy/Vectren Energy	\$19.31	\$19.31	LS 10
3/24/2022	2022214	Operating	CenterPoint Energy/Vectren Energy	\$50.56	\$50.56	LS 2
3/29/2022	2022215	Operating	Citizens Energy Group	\$88.86	\$88.86	Plant
3/31/2022	2022216	Operating	Citizens Energy Group	\$582.41	\$582.41	LS 17
3/18/2022	2022217	Operating	Comcast	\$216.77	\$216.77	Backup Internet
3/29/2022	2022218	Operating	Globe Life	\$58.72	\$58.72	Employee deductions

Payment date	Check number	Bank name	Payee name	Amount	Amount Allowed	Description
3/18/2022	2022220	Operating	ADP	\$138.93	\$138.93	ADP Workforce Now Bundle
3/23/2022	2022221	Operating	ADP	\$122.85	\$122.85	ADP Time & Attendance
3/30/2022	2022222	Operating	Mutual of Omaha	\$3,768.90	\$3,768.90	Insurance-April 2022
4/5/2022	2022223	Operating	Duke Energy	\$3,009.94	\$3,009.94	LS 1
4/11/2022	2022224	Operating	Duke Energy	\$306.46	\$306.46	LS 11
4/11/2022	2022225	Operating	Duke Energy	\$1,126.84	\$1,126.84	LS 14
4/12/2022	2022226	Operating	Duke Energy	\$317.48	\$317.48	LS 16
4/11/2022	2022227	Operating	Duke Energy	\$1,141.72	\$1,141.72	LS 17
4/7/2022	2022228	Operating	Duke Energy	\$351.65	\$351.65	LS 19
4/5/2022	2022229	Operating	Duke Energy	\$351.00	\$351.00	LS 21
4/13/2022	2022230	Operating	Duke Energy	\$393.67	\$393.67	LS 23
4/6/2022	2022231	Operating	Duke Energy	\$710.02	\$710.02	LS 26
4/5/2022	2022232	Operating	Duke Energy	\$178.02	\$178.02	LS 5
4/4/2022	2022233	Operating	Duke Energy	\$67.26	\$67.26	LS 6
4/12/2022	2022234	Operating	Duke Energy	\$19,749.85	\$19,749.85	Plant
4/1/2022	2022235	Operating	Indiana Public Employers	\$30,111.69	\$30,111.69	H ins-April 2022
3/31/2022	2022236	Operating	Amazon Capital Services	\$196.66	\$196.66	Under Armor Gear UAG/Pen for Surface F
3/31/2022	2022237	Operating	Republic Services #761	\$369.23	\$369.23	Trash pickup
3/31/2022	2022238	Operating	Citizens State Bank	\$20.00	\$20.00	Bank fee
3/25/2022	2022239	Operating	ADP	\$138.93	\$138.93	Workforce Now
4/5/2022	2022240	Operating	ADP	\$66,189.66	\$66,189.66	Payroll PPE 4/1/2022
4/4/2022	2022241	Operating	Empower Retirement (Hoosier STA	\$8,914.66	\$8,914.66	401A, 457B, ROTH
4/22/2022	2022242	Operating	Indianapolis Power and Light	\$8,688.45	\$8,688.45	LS 2
4/20/2022	2022243	Operating	Indianapolis Power and Light	\$528.50	\$528.50	LS 9
4/20/2022	2022244	Operating	Indianapolis Power and Light	\$1,174.33	\$1,174.33	LS 10
4/20/2022	2022245	Operating	Indianapolis Power and Light	\$117.34	\$117.34	LS 12
4/20/2022	2022246	Operating	Indianapolis Power and Light	\$795.55	\$795.55	LS 8
4/20/2022	2022247	Operating	Indianapolis Power and Light	\$144.75	\$144.75	LS 3
4/19/2022	2022248	Operating	Indianapolis Power and Light	\$54.81	\$54.81	LS 18
4/20/2022	2022249	Operating	Indianapolis Power and Light	\$89.83	\$89.83	LS 20
4/20/2022	2022250	Operating	Indianapolis Power and Light	\$45.86	\$45.86	LS 22
4/21/2022	2022251	Operating	Indianapolis Power and Light	\$84.34	\$84.34	LS 24
4/20/2022	2022252	Operating	Indianapolis Power and Light	\$52.45	\$52.45	LS 25
4/20/2022	2022253	Operating	Indianapolis Power and Light	\$59.18	\$59.18	LS VV
4/21/2022	2022254	Operating	Indianapolis Power and Light	\$77.38	\$77.38	LS 27
3/31/2022	2022255	Operating	Citizens State Bank	\$1,013.96	\$1,013.96	Lockbox fees
3/31/2022	2022256	Operating	PNC Bank	\$8,530.64	\$8,530.64	March 2022 credit card
4/6/2022	2022257	Operating	LogMein USA, Inc.	\$678.60	\$678.60	Phone charges
				\$767,921.77	\$767,921.77	
ALLOWANCE OF CLAIMS						
We have examined the claims listed on the foregoing Register of Claims, consisting of 4 pages, and except for claims not allowed as shown on the register, such claims are hereby allowed in the total amount of						
			\$767,921.77			

Docket Report Information

For the period 03/10/2022-04/30/2022

CIP-Proj 1902 Plant Exp	\$249,092.16
CIP-New Liberty Trailer LU3K72X12C4	\$1,867.31
CIP-Safety netting	\$7,095.01
CIP-New blower	\$10,492.00
CIP-SL RAT Standard package	\$28,225.00
CIP-Redundant power for switch stack	<u>\$1,179.99</u>

\$296,771.48

District Insurance	\$33,880.59
Treatment Flow to Carmel Utilities	\$114,479.49

Other Expenses	\$322,790.21
Total Claims	\$767,921.77

Selected Statistics 2022	January	February	March	2022 Monthly Average	2022 YTD	2021 Total Through January
Maintenance Information						
Lateral Inspections	26	9	22	19	57	36
Certified I&I Inspections	10	30	17	19	57	24
Failed I&I Inspections	0	2	0	1	2	0
Sewer Locates	219	207	269	232	695	464
Manholes Added	9	2	0	4	11	62
Total # of Manholes	6,011	6,013	6,013	N/A	6,011	5,948
Manholes Inspected	0	0	378	126	378	203
Feet of Sewer Added	0	360	0	120	360	28,089
Total Footage of Sewers	1,734,749	1,735,109	1,735,109	N/A	1,734,749	1,699,903
Feet of Sewer Televised	19,395	13,404	22,738	18,512	55,537	17,293
Feet of Sewer Cleaned	345	0	225	190	570	0
Overflows	0	0	0	0	0	0
Feet of LPFM Cleaned	0	0	0	0	0	6,617
LS 1 to Carmel Utilities						
Rainfall/Precipitation (inches)	1.11	3.83	6.38	3.77	11.32	0.87
Total Flow (gallons)	54,400,461	61,672,348	74,921,000	63,664,603	190,993,809	54,031,909
Max Daily Flow (gallons)	2,356,132	3,605,548	3,899,994	N/A	3,899,994	2,842,113
Average Daily Flow (gallons)	1,754,854	2,202,584	2,416,806	2,124,748	N/A	N/A
Min Daily Flow (gallons)	1,469,900	1,548,862	1,708,760	N/A	1,469,900	1,374,527
TriCo WRRF						
Total Flow (gallons)	89,980,000	81,455,000	99,793,000	90,409,333	271,228,000	83,802,321
Max Daily Flow (gallons)	3,659,000	4,321,000	6,192,000	N/A	6,192,000	3,314,154
Average Daily Flow (gallons)	2,902,581	2,909,107	3,219,129	3,010,272	N/A	N/A
Min Daily Flow (gallons)	2,206,000	1,715,000	2,750,000	N/A	1,715,000	2,354,511
Total Flow to Both Plants	144,380,461	143,127,348	174,714,000	154,073,936	462,221,809	137,834,230
Biosolids Handling (gallons)						
Wasted (Biosolids)	869,200	1,176,000	1,133,000	1,059,400	3,178,200	1,273,800
Dewatered	170,000	265,000	506,880	313,960	941,880	548,000
Digested Sludge Withdrawn	695,000	728,000	773,000	732,000	2,196,000	700,000
Customer Information					16,234	
New Sewer Service Accounts	27	16	10	18	53	7
Permits Issued	24	21	26	24	71	25



MEMORANDUM

To: C&C Committee
From: Drew Williams
Date: March 30, 2022
Subject: On-Call I&C Professional Services

Since 2012, TriCo has used ACE Technologies to provide professional services for instrumentation and controls, as well as programming, for the plant and collection system. This vendor's performance is critical to TriCo's reliable and efficient operations. TriCo engages this vendor primarily through an on-call professional services agreement. Over the last three years, on-call services has averaged over \$100,000 in billings annually. On capital projects, this vendor is typically engaged as a sub through a construction contractor.

Late last year, staff began searching for a new service provider with more wastewater industry experience as well as staff consistency and availability. Staff recommends Donohue and Associates to provide these services beginning on or after May 1.

ACE is under contract with Thieneman to complete plant expansion-related controls and programming work, which is nearing completion. ACE has no other open capital projects, and staff needs to begin work on several lift station projects soon. We therefore believe migrating to a new vendor at this time should minimize risk and disruption.

Recommended Action: Recommend the Board approve the professional services agreement with Donohue and Associates, Inc.



MEMORANDUM

To: C&C Committee

From: Ryan Hartman

Date: March 30, 2022

Subject: Service Area Addition

The Town of Zionsville requested TriCo add 4950 South US 421, located just west of the intersection of Michigan Road and CR 500 South, to TriCo's service territory. The request indicated that the property owners want to connect to sewer and that the parcel would be best served by TriCo. The 1.67-acre parcel includes a single family residence. It would connect to the low-pressure sewer on the east side of Michigan Road which was installed under last year's neighborhood sewer project.

Recommended Action: Recommend the Board approve adding the property to TriCo's service territory.



7236 Mayflower Park Drive, Zionsville, IN 46077



MEMORANDUM

To: C&C Committee

From: Wes Merkle

Date: March 31, 2022

Subject: Pump Replacements – Lift Stations 1 & 2

Existing 335 Hp wet weather pumps at Lift Station 1 (Keystone/99th Street) have reached the end of their service life at over 20 years old. One of the two pumps requires substantial repair. These pumps no longer operate efficiently in terms of flow and energy consumption. Replacing these pumps with newer more clog resistant technology pumps enables staff to eliminate macerators at the lift station, which break down rags and other debris that are inappropriately flushed into our collection system. The two smaller dry weather or duty pumps at this lift station are twelve years old and newer style non-clogging technology.

The existing Pump 3 at Lift Station 2 (106th/Spring Mill Road) is 17 years old. While this pump may continue to operate reliably for a few more years, it is near the end of its service life, and it does not operate as efficiently. Replacing it with a newer more clog resistant technology pump enables staff to eliminate macerators at the lift station. Staff estimates at least \$9,000 per year in reduced electricity costs through eliminating macerators and improved pump efficiency. Also, the macerators at Lift Station 2 are due for approximately \$30,000 in repairs. Four other pumps at Lift Station 2 are 6 years old and have the newer style non-clogging technology.

The following quotes were received for replacement pumps at Lift Stations 1 and 2:

Flygt (Xylem Water Solutions USA, Inc.)	\$368,456.45
KSB (Straeffler Pump & Supply, Inc.)	\$382,190.00

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, however both manufacturers have good reputations. While staff prefers Flygt, they believe KSB pumps are acceptable alternatives.

Delivery is anticipated in 6 months. This summer staff will receive quotes for replacement of wet well piping at Lift Station 1, in addition to wet well lining and pump installation, under capital project #2201. Staff will install Pump 3 at Lift Station 2.

Recommended Action: Recommend the Board approve purchasing replacement pumps from Xylem Water Solutions USA, Inc. for \$368,456.45.



MEMORANDUM

To: C&C Committee

From: Wes Merkle

Date: March 31, 2022

Subject: #2202 Professional Services
Lift Station 8 Reconstruction

Project No. 2202 includes the reconstruction of Lift Station 8 and installation of a new force main to 106th Street and Ditch Road. The lift station is located just east of Ditch Road between 96th and 106th Streets. Staff has spent several years identifying and eliminating sources of inflow and infiltration (I&I) in this area. Meanwhile, the area served by Lift Station 8 continues to develop. The purpose of this project is to reconstruct Lift Station 8, expand its capacity to buildout at 1.6 MGD, and reroute flow to Michigan Road WRRF.

Staff issued a Request for Proposals to four engineering firms. All four firms submitted proposals, three of which have successfully completed sewer design projects with TriCo previously. Staff reviewed their responses and recommends Commonwealth Engineers, Inc. to complete the work, which includes engineering design, permitting, easement acquisition, bidding and construction administration services.

Recommended Action: Recommend the Board approve the professional services agreement with Commonwealth Engineers in an amount not to exceed \$124,100.



MEMORANDUM

To: C&C Committee

From: Wes Merkle

Date: March 31, 2022

Subject: #2207 Professional Services
Lift Station 26 Parallel Force Main

Project No. 2207 includes the extension on a parallel force main for Lift Station 26 along Spring Mill Road from Jackson's Grant Boulevard to 111th Street. Lift Station 26 was constructed with the Jackson's Grant development in 2015. Its construction facilitated replacement of Lift Station 4 and extension of sewer service in the area. Lift Station 26 also allows TriCo to eliminate three nearby lift stations in the future as the area develops. The lift station will eventually serve the northeast quarter of TriCo's service area. The purpose of this project is to expand the capacity of Lift Station 26 from 2.4 MGD to 4.6 MGD. A future project scheduled for 2027 will add two submersible pumps to the lift station when capacity is needed, taking its capacity to 7 MGD.

Staff issued a Request for Proposals to four engineering firms. All four firms submitted proposals, three of which have successfully completed sewer design projects with TriCo previously. Staff reviewed their responses and recommends GRW Engineers, Inc. to complete the work, which includes engineering design, permitting, easement acquisition, bidding and construction administration services.

Recommended Action: Recommend the Board approve the professional services agreement with GRW Engineers in an amount not to exceed \$68,800.



MEMORANDUM

To: C&C Committee
From: Wes Merkle
Date: March 31, 2022
Subject: #2208 Professional Services
Lift Station 16 Reconstruction

Project No. 2208 includes the reconstruction of Lift Station 16. Lift Station 16 is located near the intersection of Sycamore Street and Michigan Road in Zionsville, just south of Zionsville Presbyterian Church. A large mixed-use development "The Farm", located at the southwest corner of Sycamore Street and Michigan Road, will begin construction later this year. This development will substantially increase lift station flows. The developer will provide a site for TriCo to construct a new lift station at the southeast corner of the property, on the opposite side of Michigan Road from the existing lift station. The purpose of this project is to reconstruct Lift Station 16 and expand its capacity to buildout at 1.05 MGD.

Staff issued a Request for Proposals to four engineering firms. All four firms submitted proposals, three of which have successfully completed sewer design projects with TriCo previously. Staff reviewed their responses and recommends GRW Engineers, Inc. to complete the work, which includes engineering design, permitting, easement acquisition, bidding and construction administration services.

Recommended Action: Recommend the Board approve the professional services agreement with GRW Engineers in an amount not to exceed \$74,000.



MEMORANDUM

To: Board of Trustees
From: Andrew Williams
Date: April 4, 2022
Subject: Property Transfer

When TriCo sold its ownership share of the Hensel Government Center in 2020, it should have included the transfer of all the parcels associated with the complex. However TriCo (Clay Township Regional Waste District) is still a joint owner on the parcels that include the parking lot and the Military Museum & retention pond. Quitclaim deeds have been prepared for to transfer these properties to Clay Township.

Requested Action: Approve the transfer of Parcels No. 17-13-01-03-06-021.000 and No. 17-13-01-03-09-018.001 to Clay Township of Hamilton County, Indiana.

Untitled Map

Write a description for your map.

Military Museum and Lot

E 108th St

The John W. Hensel Government Center

Accurate Electrolysis & Permanent Makeup

N College Ave

Carmel Fire Department - Station 45

IEP Therapy

Parking Lot

Mattingsly Concrete, Inc

N College Ave

300 ft

Legend

- Carmel Fire Department - Station 45
- Feature 1
- Lot
- The John W. Hensel Government Center

Google Earth

Image Landsat / Copernicus

