

**MINUTES OF THE BOARD OF PUBLIC WORKS**  
**Tuesday, October 26, 2021**

The Regular Meeting of the Board of Public Works held on October 26, 2021 at 7:30 a.m. in the City Council Chambers located at 405 Jefferson Street, Washington, Missouri. The following were present/absent:

**MEMBERS:**

Chairman	John Vietmeier	Present
Member	Brad Mitchell	Present
Member	Mike Radetic	Present
Member	Steve Richardson	Absent
Ex-officio Member	Steve Strubberg	Absent
Ex-officio Member	Vacant	--

**OTHERS:**

Council Representative	Steve Sullentrup	Absent
Council Representative	Mark Wessels	Absent
Mayor	Sandy Lucy	Absent
City Administrator	Darren Lamb	Absent
Water/Wastewater Superintendent	Kevin Quaethem	Zoom
Water/Wastewater Secretary	Beverly Hoyt	Present
Public Works Director	John Nilges	Present
Assistant City Engineer	Andrea Lueken	Absent
Emergency Management Director	Mark Skornia	Absent
Fire Chief	Tim Frankenberg	Absent

**Originals and/or copies of agenda items of the meeting, including recorded votes are available on record in the office of the Public Works Department for one year. Video/DVD and audio tapes are kept only until the minutes have been approved for the meeting. DVD copies of this meeting are distributed to Board Members if requested.**

**Minutes**

A motion made by Mr. Mitchell and seconded by Mr. Radetic to approve the minutes from the regular September 28, 2021 meeting. The motion passed without dissent.

## **Priority Items**

There are no priority items.

## **Wastewater**

We received a bid to update the TV Camera for the trailer from Coe Equipment as a sole source. Wastewater has budgeted \$65,000.00 to upgrade to 2020 Version. This will be a complete upgrade, software. All departments can use this, helps citizens locate laterals. We received a good bid of \$41,605.00, this will replace the camera head, tractor, computer and software.

A motion made by Mr. Radetic and seconded by Mr. Mitchell to move this on to Council. All in favor, aye those oppose none. The motion passed without dissent.

Waydes Equipment – Four wheel Farm Tractor (Kubota). The tractor is needed to spread sludge in the fields. We now have to share a piece of equipment with the street department. This works, but more times it does not. It is needed for grass cutting when we need to spread sludge. Staff recommends this moved onto Council.

A motion made by Mr. Mitchell and seconded by Mr. Radetic to move this on to Council. All in favor, aye those oppose none. The motion passed without dissent.

Vandevanter Equipment – West Link Lift Station - \$174,726.00. This is the last of the big four lift stations. We are converting them all over to Flygt Submersible Pumps. We have already done West End, Walnut and West Main. This will be a long run; some equipment is 2-months out for the rebuild of the station. Vandevanter is a sole source.

A motion made by Mr. Radetic and seconded by Mr. Mitchell to move this on to Council. All in favor, aye those oppose none. The motion passed without dissent.

Sydenstricker – Front Loader. This will be to load sludge at the Wastewater Treatment Plant (WWTP) to dump and then spread. We have been using the backhoe from the Street Department to load down at the plant and we take the other backhoe to load the sludge on to the spreader. This is the same size as the backhoe so it does the same job.

A motion made by Mr. Mitchell and seconded by Mr. Radetic to move this on to Council. All in favor, aye those oppose none. The motion passed without dissent.

These are all budgeted items. We have been looking to do this for a while instead of having to borrow other department's equipment. We need to be self-sufficient from the Treatment Plant to the field as fast as we can. We strive not to use enterprise funds to support the water or wastewater. Having new equipment on hand will be good for the City.

This is not a piece of equipment that will be used in snow removal, it could be if need be. This is a John Deere loader; they use one at the compost center. The street department has a John Deere as well. The street department stockpiles materials from the WWTP. Just thinking ahead, I can

see how it could be used to load trucks at time. It is good that there is some consistency so operators don't necessarily have to go learn a new platform.

## Water

We have a pay request from Cochran Engineering. The current pay request is for \$1,260.46. Cochran is doing a real good job staying on top of things. On Friday, the tower was completely primed. The first coat is on the interior. By the time I get back, they should have the first coat on the outside. Cochran is doing a good job, staff recommends payment.

A motion was made by Mr. Radetic and second by Mr. Mitchell for approval of Cochran Pay Request #7 in the amount of \$1,260.46. All in favor aye, all oppose, none. Proceed with payment of invoice.

Waydes Equipment – 2021 Skid Steer. Another piece of equipment for sludge removal. We are at the point where we need to transition our old skidster in water out. What we normally do is transition out equipment down to the TP to utilize for a few more years. We are purchasing a new one for the water department and we are going to transfer the current one we have which is a bobcat down to the plant. This will go out in the field to load the spreader trailer. This will give the WWTP complete ability to operate on their own at any given time. The skid loader is still in good shape, probably has another good five or six years left.

Right now, we are pressing down at the plant 3-days. The winter we will be doing 4-days. We will be doing a lot more spreading.

A few months ago, we had an industry that was looking to come into town that was a heavy user and I believe we were operating at about 60% of the TP capacity and that is growing with new homes being built. We are looking at doing some sewer extensions. Obviously, the more influent coming in the more effort we have to do to get the sludge removed. I can probably give you a better update on that by the next meeting so you can know where things sit.

The Kubota skid loader will attach to our Bobcat in case we need, everything else will connect as well.

A motion made by Mr. Mitchell and seconded by Mr. Radetic to move this on to Council. All in favor, aye those oppose none. The motion passed without dissent.

Insituform – There will be some pay requests coming in this week. They are in town and will be here until tomorrow. They had a project put on hold so they were able to come here sooner. Chad will keep an eye on them while they are in town. This is a big project, \$500,000.00 plus, it is the majority of the West side of Downtown taking care of new pipes, it is a big deal, helps with the road system.

The engineering department, we are going to start looking into our second round of paving, it starts in that area. We started in 2006 – 2007, so getting the pipes fixed under the ground is the first step. Again, it lays out for multiple functions of the City to get this stuff done. Would like to thank everyone for moving last years' budget into this years' budget and having one big project.

Not this year but next year the capital sales tax kicks in so we will have additional funds to do some lining as well as we move to the east. The goal here in the next four to five years to have the vast majority of these pipes lined, which is a huge deal. The lining is approximately \$530,000.00 and 14,000 feet.

When rates go up it would be nice to let the people know that, hey, we recently replaced x-amount in feet of these pipe and what they mean. It's not exciting news buy as far as we got its great news.

In December, we can get with the paper and have a little article of what we have accomplished.

The water tower project is coming up. When the water rates went up, we took over the maintenance of curb stops, which is a big deal that we fought with the citizens. This is a big positive. Once we get this lining done we can look and see how it affects the Treatment Plant. I know on the West End Lift Station when we lined last year, we could quantify how much West End influent came into that lift station which is a real money. Money you are not treating at the plant, which also show that it gives you more capacity at the plant. It is a real savings, more capacity, more homes, all this leads to less backups. I&I you are attacking it at the source, which is the way it should go.

We are working on Fair Street right now. In the future about every 12-15 years, streets have to be repaved. In 2006 is when we started the sales tax, so when you are about 15 years out we will start repaving the streets again before the sales tax sunsets in 2030. The first time we did that, we really did not do any of these linings, and we have been playing catch up a bit.

We try to get the things fixed underground or at least reduce the risk so when you pave, you do not go an tear it up tomorrow repairing a water line. It is about reducing the risk.

The guys did some Mr. Manhole work on High St.

Kevin is working on a valve-exercising program where we check the valve, this is a Department of Natural Resources (DNR) requirement that we should be doing. He is working with our Engineering Department on coming up with some software that can be run on our cell phones and the inspections can be done right there in the field so we will not have to have a paper copy to send into the office. They literally have a program app on their phone that they can check off to show they inspected the valve along with the date it was done.

### **Old Business**

Hydrants – Meadow Lake - We have raised one hydrant a couple of weeks ago and will be raising another soon that we found was broken. We finally have the materials we need to raise these. We have checked the other hydrants to make sure they are operable. Still have one to raise. We did go an exercise them all to make sure they work. The maximum gallons a minute will be 1500 out of the hydrants.

If there were a fire out in Meadow Lake, would you be able to pump water out of the Lake? Not sure if they can or cannot, they do not have a dry hydrant on the lake. I am sure the pumpers could be filled, but usually they are filled out of City limits. The fire hydrants will still operate. They



have no loss of fire protection. All fire trucks come with a full tank so I am sure they would be covered.

The good thing is we spent the money for the VFD (Variable Frequency Drive), so now it will ramp up slowly. If a fire happened out there, we would still have the same protection that they have with the tank full.

**Next Scheduled Meeting Date**

The next scheduled meeting date is Tuesday, November 23, 2021.

**Adjourn**

There being no further business the meeting adjourned on a motion by Mr. Mitchell and seconded by Mr. Radetic. All in favor aye, those oppose, none. We are adjourned.

---

Prepared by: \_\_\_\_\_  
Beverly Hoyt  
Water/Wastewater Secretary

Adopted and Approved by the Board of Public Works:

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Secretary

# Memo

**To:** Board of Public Works

**From:** Kevin Quaethem, Water and Wastewater Superintendent

**Date:** 11/17/2021

**Re:** Coe Equipment Inc. - Pay Request #1 Inv. 77582

Attached is Pay Request #1, Invoice #77582, in the amount of \$41,605.00 from Coe Equipment Inc. for the City of Washington CCTV Camera Upgrade. Payment is recommended and the status is summarized below:

<u>Description</u>	<u>Contract Amount</u>
Contract Amount	\$41,605.00
Pay Request #1	\$ 41,605.00
<b>Final Pay Request</b>	<b>\$41,605.00</b>
Balance of Contract	<b>\$0.00</b>

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
John Vietmeier, Board of Public Works Chairman

# Coe Equipment Inc.

## Invoice

5953 Cherry Street, Rochester, IL 62563 • P. 217.498.7200 • F. 217.498.7205 • www.coe-equipment.com  
 Serving Illinois & Missouri Since 1986 • All Sewer Cleaning & Vacuum Excavation Equipment

Date	Invoice #
11/17/2021	77582

Bill To
City of Washington 405 Jefferson Washington, MO 63090-2607

Ship To
City of Washington Public Works Dept. 4 Chamber Drive Washington, MO 63090-2607

Purchase Order	Terms	Ship Date	VIA	Sales Order	Sales Contact
Kevin	Net 30	11/17/2021	Delivery	18236	Matt

Part Number	Description	Qty	Price Each	Total
AI-91004	New Aries Industries Pathfinder Equipment Retrofit:  -PE3530-21100134 P&TZ Wiper Camera with Case, Manual, and Spare Kit -TR3300-21103852 Pathfinder 6"-15" Tractor Kit with Case, Manuals, and Spare Kit -Performance Rack Mount Computer 4U Rack Mount Computer, Windows 10 Professional, Intel i5 processor, 16GB RAM, 1 TB SSD Data HD, 1 TB SSD System HD, Keyboard + Mouse, Ruggedize motherboard. PipeTech software pre-installed and configured. -PipeTech INSPECT: Upgrade from Scan to INSPECT w/mainline, lateral modules. Includes NASSCO v7. Requires active support and maintenance.  Includes Rack Install, Delivery, and Half Day of Training on Software Missouri Municipal/Exempt from Sales Tax	1	41,605.00	41,605.00T
			0.00%	0.00

**Orders paid by credit card are subject to a 3% processing fee.**

*Returned items may be subject to a 25% restocking fee.*

**Please pay the balance due. No statement will be sent.  
Thank you for your business & prompt payment!**

**Total** \$41,605.00  
**Payments / Credits** \$0.00

**Balance Due** \$41,605.00

*Want less mail? Email us at office@coe-equipment.com to set up electronic billing!*



## **SEWER LATERAL INFILTRATION ELIMINATION PROGRAM**

**Updated 10-12-21**

1. Reduce inflow and infiltration (I/I) into the sanitary sewer system by creating a sanitary sewer lateral reimbursement program that targets I/I.

### Eligibility Requirements

All applicants for the program shall meet the following requirements before reimbursement is processed:

1. Must be the actual property owner. Reimbursement check will be made out to the owner of the property.
2. Must provide an estimate of work, from a plumber holding a City Business License, describing why replacement/CIPP rehabilitation is necessary.
3. Must provide copy of a camera investigation of the lateral with identification of the address.
4. Must file for all other applicable permits including, but not limited to, Street Excavation Permit, Sewer Lateral Permit, etc.
5. Must replace or CIPP rehabilitate the entire length of pipe from the home to the City sewer main, including connection, in accordance with all specifications as set forth by the Public Works Director.
6. Must allow the City to complete a stormwater inflow inspection to ensure downspouts, footing drains, stormwater sump pumps, etc. are not connected to the sanitary sewer. Should a connection be found, the homeowner shall disconnect the connection in accordance with direction from the Public Works Director.
7. Only if it is determined that the sewer lateral from the home to the City sewer main is a source of stormwater inflow will the replacement cost be eligible for reimbursement and then only for the portion of the cost directly related to the correction and elimination of the stormwater inflow.
8. Commercial and industrial customers are not eligible to participate in this program.
9. The Public Works Director shall make the determination as to what costs are eligible for reimbursement and in what amount. The homeowner may appeal the decision of the Public Works Director to the Board of Public Works.

### Funding Source and Reimbursement Amount

1. The program will be funded annually from the Stormwater Fund.
2. Reimbursement amount will fund up to \$4,000 of the cost to repair.

### General Process / Procedure

1. Must be experiencing an issue that requires total replacement.
2. Contact a city business license holding plumber to provide a written estimate, description of why replacement is necessary, and a video inspection of the sewer lateral. Submit this to the City.
3. Apply for all applicable permits from the City and provide the estimate, plumber explanation, and video inspection to the City.
4. Schedule an inspection with the City to review stormwater inflow potential. If inflow exists, consult with the plumber and the Public Works Director on a plan to disconnect.
5. Receive permits and complete work.
6. City inspects the sewer work and stormwater disconnect work.
7. Once all work is completed and approved by the City, property owner shall request reimbursement from the City for work.
8. City will issue reimbursement check to the property owner.

**SEWER LATERAL INFILTRATION ELIMINATION PROGRAM**

DATE: \_\_\_\_\_

TO: FINANCE DEPARTMENT and ENGINEERING DEPARTMENT

---

SEWER INSPECTION

ADDRESS: \_\_\_\_\_

OWNER \_\_\_\_\_

DATE OF WORK: \_\_\_\_\_

DATE OF INSPECTION: \_\_\_\_\_

CITY INSPECTOR: \_\_\_\_\_

---

STORMWATER INFLOW INSPECTION

DATE OF DISCONNECT: \_\_\_\_\_

METHOD OF DISCONNECT:      SPLASH PAD      FRENCH DRAIN

PIPE TO CURB      RAIN BARREL

OTHER: \_\_\_\_\_

DATE OF INSPECTION: \_\_\_\_\_

CITY INSPECTOR: \_\_\_\_\_

---



REIMBURSEMENT REQUEST

OWNER NAME: \_\_\_\_\_

OWNER MAILING ADDRESS: \_\_\_\_\_

\_\_\_\_\_

The above owner has completed all requirements to be eligible for the following reimbursement as outlined in the Sewer Rehabilitation/Replacement Program.

**The reimbursement amount is:** \_\_\_\_\_

Please process a check and mail to the owner's address.

\_\_\_\_\_

John Nilges, Public Works Director

\_\_\_\_\_

Date

# Memo

**To:** Board of Public Works

**From:** Kevin Quaethem, Water and Wastewater Superintendent

**Date:** 11/19/2021

**Re:** Insituform Technologies USA, LLC. - Pay Request #1

---

Attached is Pay Request #1, in the amount of \$49,666.76 from Insituform Technologies USA, LLC. for the City of Washington. Payment is recommended and the status is summarized below:

<u>Description</u>	<u>Contract Amount</u>
Pay Request #1	\$ 49,666.76
<hr/>	
<b>Pay Request</b>	<b>\$49,666.76</b>
	<b>\$49,666.76</b>

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
John Vietmeier, Board of Public Works Chairman



TO: City of Washington MO  
Public Works Department  
405 Jefferson Street  
Washington MO 63090

Make Checks Payable to:  
**INSITUFORM TECHNOLOGIES USA, LLC**  
PLEASE REMIT PAYMENT TO:  
Insituform Technologies USA, LLC  
Post Office Box 674060  
Dallas, Texas 75267-4060

ESTIMATE # 1  
INVOICE # 663601  
JOB # 102852  
WORK COMPLETED THRU: 09/30/21  
INVOICE DATE: 09/30/21

PROJECT: 6" Sanitary & 36" Storm CIPP FY2021  
Washington MO FY2020 Rev 1

ITEM NO	DESCRIPTION	CONTRACT		COMPLETED THIS PERIOD			COMPLETED-TO-DATE					
		QUANTITY	UNIT PRICE	QUANTITY	%	AMOUNT	QUANTITY	%	AMOUNT			
1	Mobilization	1	LS	\$30,000.00	0	LS	0%	\$0.00	0	LS	0%	\$0.00
2	Clean and TV 6"	14,103	LF	\$3.90	11,472	LF	81%	\$44,740.80	11,472	LF	81%	\$44,740.80
3	Clean and TV 36"	342	LF	\$20.00	342	LF	100%	\$6,840.00	342	LF	100%	\$6,840.00
4	MH 1 to MH 2 to MH 3 6"	176	LF	\$34.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
5	MH 3 to MH 4 6"	319	LF	\$25.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
6	MH 4 to MH 5 6"	167	LF	\$34.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
7	MH 3 to MH 6 6"	424	LF	\$23.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
8	MH 6 to MH 7 to MH 8 6"	399	LF	\$23.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
9	MH 8 to MH 9 to MH 10 6"	270	LF	\$28.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
10	MH 10 to MH 11 6"	460	LF	\$23.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
11	MH 11 to MH 12 6"	323	LF	\$27.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
12	MH 13 to MH 14 to MH 15 6"	339	LF	\$24.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
13	MH 15 to MH 16 to MH 17 6"	313	LF	\$25.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
14	MH 17 to MH 18 to End 6"	500	LF	\$23.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
15	MH 17 to MH 19 6"	696	LF	\$21.25	0	LF	0%	\$0.00	0	LF	0%	\$0.00
16	MH 17 to MH 20 6"	319	LF	\$26.25	0	LF	0%	\$0.00	0	LF	0%	\$0.00
17	MH 20 to MH 21 6"	508	LF	\$22.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
18	MH 20 to MH 22 6"	531	LF	\$23.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
19	MH 22 to MH 23 6"	236	LF	\$30.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
20	MH 23 to MH end 6"	131	LF	\$42.25	0	LF	0%	\$0.00	0	LF	0%	\$0.00
21	MH 20 to MH 24 6"	300	LF	\$27.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
22	MH 24 to MH 25 6"	362	LF	\$24.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
23	MH 25 to MH 26 6"	392	LF	\$24.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
24	MH 26 to MH 27 6"	390	LF	\$24.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
25	MH 27 to MH 28 6"	363	LF	\$25.25	0	LF	0%	\$0.00	0	LF	0%	\$0.00
26	MH 101 to MH 102 6"	423	LF	\$24.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
27	MH 102 to MH 103 6"	388	LF	\$24.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
28	MH 102 to MH 104 to MH 106 6"	421	LF	\$23.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
29	MH 104 to MH 105 6"	275	LF	\$28.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
30	MH 106 to MH 107 to MH 108 6"	252	LF	\$30.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
31	MH 108 to MH 109 to MH end 6"	329	LF	\$24.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
32	MH 106 to MH 110 to MH 113 6"	380	LF	\$24.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
33	MH 110 to MH 111 to MH 112 6"	261	LF	\$28.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
34	MH 113 to MH 114 6"	170	LF	\$34.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
35	MH 114 to MH 115 6"	207	LF	\$33.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
36	MH 115 to MH 116 to MH 117 6"	154	LF	\$42.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
37	MH 117 to MH 118 to MH 119 6"	223	LF	\$32.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
38	MH 28 to MH end 6"	253	LF	\$31.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
39	MH 114 to MH 120 6"	257	LF	\$31.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
40	MH 120 to MH 11 6"	538	LF	\$23.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
41	MH 121 to MH 122 6"	221	LF	\$32.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
42	MH 12 to MH end 6"	219	LF	\$32.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
43	MH 121 to MH 123 6"	493	LF	\$24.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
44	MH 124 to MH 125 6"	236	LF	\$30.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
45	MH 126 to MH end south 6"	349	LF	\$24.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
46	MH 126 to MH end north 6"	136	LF	\$42.50	0	LF	0%	\$0.00	0	LF	0%	\$0.00
47	MH 101 to MH 102 to Mh 103 36"	342	LF	\$173.00	0	LF	0%	\$0.00	0	LF	0%	\$0.00
48	Pull strap	14,103	LF	\$0.75	0	LF	0%	\$0.00	0	LF	0%	\$0.00
49	Protruding Tap Trimming (If Needed)	2	EA	\$350.00	2	EA	100%	\$700.00	2	EA	100%	\$700.00
50	Bond	1	LS	\$10,075.00	0	LS	0%	\$0.00	0	LS	0%	\$0.00

<b>EARNED THIS PERIOD:</b>		<b>\$52,280.80</b>	<b>EARNED TO DATE:</b>		<b>\$52,280.80</b>
Month Gross	\$52,280.80	Less: Retainage @	5%	2,614.04	
Month Retention	\$2,614.04	Previous Estimates		0.00	
Month Open	\$49,666.76	Other			
Customer Number:		Total Deductions from			
		Earned to Date		<u>2,614.04</u>	
		AMOUNT DUE			
		THIS ESTIMATE:		<u>\$49,666.76</u>	

# Memo

**To:** Board of Public Works

**From:** Kevin Quaethem, Water and Wastewater Superintendent

**Date:** 11/19/2021

**Re:** Worldwide Industries Corp. - Pay Request #1

---

Attached is Partial Pay Request #1, in the amount of \$273,505.00 from Worldwide Industries Corp. for the City of Washington, Interior & Exterior Recoating – Clay St. & Enduro Tanks. Payment is recommended and the status is summarized below:

<u>Description</u>	<u>Contract Amount</u>
Contract Amount	\$593,500.00
Pay Request #1	\$ 273,505.00
<hr/>	
<b>Pay Request</b>	<b>\$273,505.00</b>
Balance of Contract	<b>\$319,995.00</b>

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
John Vietmeier, Board of Public Works Chairman

### Contractor's Application for Payment No. 1

	Application Period:	Application Date: 11/11/2021
To (Owner): City of Washington	From Contractor: Worldwide Industries Corp. P.O. Box 1681, Butler, PA 16003-1681	Via (Engineer): Cochran Engineering
Project: Interior & Exterior Recoating - Clay St. & Enduro Tanks	Contract:	
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 21-8553

**Application For Payment  
Change Order Summary**

Number	Additions	Deductions	
TOTALS			
NET CHANGE BY CHANGE ORDERS			

  

1. ORIGINAL CONTRACT PRICE.....	\$593,500.00
2. Net change by Change Orders.....	
3. Current Contract Price (Line 1 ± 2).....	\$593,500.00
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate).....	\$287,900.00
5. RETAINAGE:	
a. <span style="margin-left: 100px;">5%</span> .....	\$14,395.00
b. ....	
c. Total Retainage (Line 5a + Line 5b).....	\$14,395.00
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....	\$273,505.00
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	
8. AMOUNT DUE THIS APPLICATION.....	\$273,505.00
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G on Progress Estimate + Line 5 above).....	\$319,995.00

**Contractor's Certification**

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

  
  
  

By: Date: 11/18/21

Payment of \$ 273,505.00  
(Line 8 or other - attach explanation of the other amount)

is recommended by: 11/18/2021  
(Date)

Payment of \$ \_\_\_\_\_

is approved by: \_\_\_\_\_ (Date)

Approved by: \_\_\_\_\_ (Date)

**Progress Estimate**

**Contractor's Application**

For (contract):		City of Washington Interior & Exterior Recoating - Clay St. & Enduro Water Storage Tanks	Application Number:		1			
Application Period:				Application Date:		11/11/2021		
A		B	Work Completed		E	F		G
Item	Specification Section No.		C	D	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)		Balance to Finish
			Previous Application	This Period				
1		clay street tank	\$317,900.00	\$287,900.00		\$287,900.00	91.0%	\$30,000.00
2		enduro tank	\$275,600.00					\$275,600.00
<b>Totals</b>			\$593,500.00	\$287,908.00		\$287,908.00		\$305,600.00





**Date:** 11/18/2021

**To:** Board of Public Works

**From:** Kevin Quaethem Public Works Superintendent

**Subject:** Purchase of trailer for Skid Loader

Board,

This trailer will be used with the new skid loader that the Water Department is purchasing. The current trailer is being transferred to the Wastewater Treatment Plant along with the current skid loader. We received one bid from Region Welding in the amount of \$15,450.

The Water Department placed in the 21-22 budget \$20,000 to purchase this new trailer.

We are asking for your approval to proceed with the purchase of this trailer from Region Welding.

Thank You,

A handwritten signature in blue ink, appearing to read "Kevin Quaethem", is written over the "Thank You," text.

Kevin Quaethem

Public Works Superintendent

# Region Welding of Missouri

#4 Trumann Ct.  
Union, MO 63084  
Phone: 636-583-4110  
Fax: 636-583-6508  
Email: [sales@regionwelding.com](mailto:sales@regionwelding.com)  
Website: [www.regionwelding.com](http://www.regionwelding.com)

## Trailer Order

Title Info:	Date: 10-21-2021
CITY OF WASHINGTON	Phone Number: 636-390-1037
	Cell: 636-667-7493 KERRY
	Fax:
KDUKE@WASHMO.GOV	PO Number:

Quantity: ① Size: 18,000LB - 20' + 4' STAT. TILT TRAILER  
 Floor: TREATED PINE 83" DECK  
 Rails: RUB RAIL  
 Light Pkg.: YES L.E.D.  
 Ramps: NONE  
 Stake Pockets: YES  
 D Rings: OPTIONAL  
 Type of Fenders: H.D. REGION  
 Tool Box: A-FRAME STYLE w/LOCK  
 Type of Axle & Hole Pattern: ② 9K TOR FLEX ELECTRIC  
 Wheel Size: 17.5 8-HOLE  
 Tire Rating: 215/75R17.5 16-PLY RADIAL  
 White Mod: O.E.  
 Type of Brakes: ELECTRIC  
 Number of Axles With Brakes: ②  
 Jack: 12,000 LB DROP LEG SPRING LOADED  
 Hitch: 2 5/16 ADJ.  
 Ball Size: 2 5/16  
 Type of Electric Plug (Hook UP): 7-POLE R.V.  
 Reflective Tape:  Yes  No  
 Sand Blast:  Yes  No  
 Color: BLACK  
 FORK STORAGE POCKETS

Base Price	\$ _____
Add-On's	\$ _____
Grand Total	\$ 15,450. <sup>00</sup>

If accepted you will need to submit a P.O. number and signature for above amount and complete the Title Information before production begins. There will be a fee for any re-titling.

Thank you,



		Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance (Unfavorable)	Percent Remaining
<b>Fund: 400 - WATER FUND</b>							
<b>Revenue</b>							
<a href="#">400-35-000-450600</a>	Penalties/Interest Charges	22,000.00	22,000.00	2,399.45	2,399.45	-19,600.55	89.09 %
<a href="#">400-35-000-450900</a>	Revenues-All Other	15,000.00	15,000.00	1,575.00	1,575.00	-13,425.00	89.50 %
<a href="#">400-35-000-453100</a>	Water Sales	1,800,000.00	1,800,000.00	161,781.79	161,781.79	-1,638,218.21	91.01 %
<a href="#">400-35-000-453200</a>	Water Meter Sales	40,000.00	40,000.00	631.26	631.26	-39,368.74	98.42 %
<a href="#">400-35-000-453500</a>	Connection Charges	50,000.00	50,000.00	8,900.00	8,900.00	-41,100.00	82.20 %
<a href="#">400-35-000-453550</a>	Tap Charges	1,000.00	1,000.00	100.00	100.00	-900.00	90.00 %
<a href="#">400-35-000-453600</a>	Labor & Equipment Charges	1,300.00	1,300.00	0.00	0.00	-1,300.00	100.00 %
<a href="#">400-35-000-453700</a>	Miscellaneous Materials Sold	3,000.00	3,000.00	69.32	69.32	-2,930.68	97.69 %
<a href="#">400-35-000-461200</a>	Rent/Lease-Municipal Property/Bui	34,665.00	34,665.00	3,970.93	3,970.93	-30,694.07	88.54 %
<a href="#">400-35-000-480000</a>	Investment Income	10,000.00	10,000.00	0.00	0.00	-10,000.00	100.00 %
	<b>Revenue Total:</b>	<b>1,976,965.00</b>	<b>1,976,965.00</b>	<b>179,427.75</b>	<b>179,427.75</b>	<b>-1,797,537.25</b>	<b>90.92%</b>
<b>Expense</b>							
<a href="#">400-35-000-510100</a>	Salaries/Wages-Regular	458,810.00	458,810.00	40,099.63	40,099.63	418,710.37	91.26 %
<a href="#">400-35-000-510150</a>	Elected Board Officials Compensati	200.00	200.00	0.00	0.00	200.00	100.00 %
<a href="#">400-35-000-510200</a>	Wages-Parttime/Permanent	5,670.00	5,670.00	0.00	0.00	5,670.00	100.00 %
<a href="#">400-35-000-510300</a>	Salaries/Wages-Overtime	18,540.00	18,540.00	1,643.38	1,643.38	16,896.62	91.14 %
<a href="#">400-35-000-511100</a>	FICA Taxes	36,970.00	36,970.00	3,072.28	3,072.28	33,897.72	91.69 %
<a href="#">400-35-000-511300</a>	Health Insurance	89,630.00	89,630.00	6,910.87	6,910.87	82,719.13	92.29 %
<a href="#">400-35-000-511400</a>	Dental Insurance	4,760.00	4,760.00	395.77	395.77	4,364.23	91.69 %
<a href="#">400-35-000-511600</a>	Life Insurance	580.00	580.00	47.35	47.35	532.65	91.84 %
<a href="#">400-35-000-511700</a>	LAGERS Retirement Plan	33,410.00	33,410.00	2,922.06	2,922.06	30,487.94	91.25 %
<a href="#">400-35-000-512605</a>	Employee Incentive Program	600.00	600.00	0.00	0.00	600.00	100.00 %
<a href="#">400-35-000-512700</a>	HRA Deductible	10,500.00	10,500.00	0.00	0.00	10,500.00	100.00 %
<a href="#">400-35-000-520250</a>	Administration, Finance & IT Depar	134,360.00	134,360.00	0.00	0.00	134,360.00	100.00 %
<a href="#">400-35-000-520300</a>	Technical Services	33,920.00	33,920.00	880.28	880.28	33,039.72	97.40 %
<a href="#">400-35-000-520400</a>	Other Contracted Services	157,450.00	157,450.00	1,300.81	1,300.81	156,149.19	99.17 %
<a href="#">400-35-000-521540</a>	Uniform Cleaning Service	1,700.00	1,700.00	128.92	128.92	1,571.08	92.42 %
<a href="#">400-35-000-521560</a>	Building Repair & Maintenance	22,500.00	22,500.00	0.00	0.00	22,500.00	100.00 %
<a href="#">400-35-000-521620</a>	Equipment Repair & Maintenance	13,880.00	13,880.00	166.32	166.32	13,713.68	98.80 %
<a href="#">400-35-000-521630</a>	Vehicle Repair & Maintenance	12,000.00	12,000.00	514.43	514.43	11,485.57	95.71 %
<a href="#">400-35-000-521635</a>	Water System Repair & Maintenan	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00 %
<a href="#">400-35-000-521636</a>	Well Pump Repair & Maintenance	27,700.00	27,700.00	0.00	0.00	27,700.00	100.00 %
<a href="#">400-35-000-521640</a>	Equipment Rental	2,300.00	2,300.00	24.64	24.64	2,275.36	98.93 %
<a href="#">400-35-000-522100</a>	Advertising	600.00	600.00	0.00	0.00	600.00	100.00 %
<a href="#">400-35-000-522200</a>	Property, Liability & Casualty Insura	42,100.00	42,100.00	0.00	0.00	42,100.00	100.00 %
<a href="#">400-35-000-522210</a>	Self-Insurance Deductible	500.00	500.00	0.00	0.00	500.00	100.00 %
<a href="#">400-35-000-522300</a>	Printing/Duplicating	1,600.00	1,600.00	0.00	0.00	1,600.00	100.00 %
<a href="#">400-35-000-522400</a>	Telephone	4,000.00	4,000.00	378.55	378.55	3,621.45	90.54 %
<a href="#">400-35-000-522500</a>	Training/Seminars	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00 %
<a href="#">400-35-000-522600</a>	Travel	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00 %
<a href="#">400-35-000-522700</a>	Professional Dues & Memberships	3,900.00	3,900.00	0.00	0.00	3,900.00	100.00 %
<a href="#">400-35-000-522900</a>	Postage	11,000.00	11,000.00	940.00	940.00	10,060.00	91.45 %
<a href="#">400-35-000-522950</a>	Credit Card Fees	14,000.00	14,000.00	1,746.18	1,746.18	12,253.82	87.53 %
<a href="#">400-35-000-530410</a>	Parts-Vehicle	14,200.00	14,200.00	75.22	75.22	14,124.78	99.47 %
<a href="#">400-35-000-530415</a>	Parts-Equipment	8,000.00	8,000.00	55.81	55.81	7,944.19	99.30 %
<a href="#">400-35-000-530420</a>	Office Supplies	1,000.00	1,000.00	42.62	42.62	957.38	95.74 %
<a href="#">400-35-000-530500</a>	Asphalt/Rock/Cement	30,000.00	30,000.00	996.00	996.00	29,004.00	96.68 %
<a href="#">400-35-000-530600</a>	Straw/Seeding/Plants	500.00	500.00	25.00	25.00	475.00	95.00 %
<a href="#">400-35-000-530700</a>	Uniforms & Clothing	3,200.00	3,200.00	100.00	100.00	3,100.00	96.88 %
<a href="#">400-35-000-530800</a>	General Supplies	3,000.00	3,000.00	412.75	412.75	2,587.25	86.24 %



**Budget Report**

**For Fiscal: 2021-2022 Period Ending: 10/31/2021**

		<b>Original</b>	<b>Current</b>	<b>Period</b>	<b>Fiscal</b>	<b>Variance</b>	<b>Percent</b>
		<b>Total Budget</b>	<b>Total Budget</b>	<b>Activity</b>	<b>Activity</b>	<b>(Unfavorable)</b>	<b>Remaining</b>
<a href="#">400-35-000-531110</a>	Electricity	180,000.00	180,000.00	22,208.14	22,208.14	157,791.86	87.66 %
<a href="#">400-35-000-531120</a>	Heating Fuel	2,500.00	2,500.00	46.28	46.28	2,453.72	98.15 %
<a href="#">400-35-000-531300</a>	Gasoline & Oil	12,500.00	12,500.00	1,148.42	1,148.42	11,351.58	90.81 %
<a href="#">400-35-000-532100</a>	Meters & Hydrants	67,370.00	67,370.00	0.00	0.00	67,370.00	100.00 %
<a href="#">400-35-000-532200</a>	Pipe & Fittings	34,000.00	34,000.00	163.46	163.46	33,836.54	99.52 %
<a href="#">400-35-000-533100</a>	Chemicals	15,000.00	15,000.00	2,075.21	2,075.21	12,924.79	86.17 %
<a href="#">400-35-000-533300</a>	Janitorial Supplies	200.00	200.00	39.75	39.75	160.25	80.13 %
<a href="#">400-35-000-534100</a>	Depreciation Expense	420,000.00	420,000.00	0.00	0.00	420,000.00	100.00 %
<a href="#">400-35-000-534200</a>	SmallTools/Equipment/Furnishings	50,585.00	50,585.00	1,377.14	1,377.14	49,207.86	97.28 %
<a href="#">400-35-000-541100</a>	Improvements Other Than Building	1,208,000.00	1,208,000.00	0.00	0.00	1,208,000.00	100.00 %
<a href="#">400-35-000-541110</a>	Water System Improvements	125,000.00	125,000.00	0.00	0.00	125,000.00	100.00 %
<a href="#">400-35-000-542100</a>	Vehicles	16,000.00	16,000.00	0.00	0.00	16,000.00	100.00 %
<a href="#">400-35-000-542200</a>	Machinery & Equipment	145,000.00	145,000.00	0.00	0.00	145,000.00	100.00 %
<a href="#">400-35-000-559110</a>	Interest Expense	135,100.00	135,100.00	0.00	0.00	135,100.00	100.00 %
<a href="#">400-35-000-559140</a>	Amortization Bond Issuance Costs	-21,485.00	-21,485.00	0.00	0.00	-21,485.00	100.00 %
<a href="#">400-35-000-559200</a>	Bond/Note Principal	230,300.00	230,300.00	0.00	0.00	230,300.00	100.00 %
	<b>Expense Total:</b>	<b>3,834,650.00</b>	<b>3,834,650.00</b>	<b>89,937.27</b>	<b>89,937.27</b>	<b>3,744,712.73</b>	<b>97.65%</b>
	<b>Fund: 400 - WATER FUND Surplus (Deficit):</b>	<b>-1,857,685.00</b>	<b>-1,857,685.00</b>	<b>89,490.48</b>	<b>89,490.48</b>	<b>1,947,175.48</b>	<b>104.82%</b>

**Fund: 410 - SEWAGE TREATMENT FUND**

**Revenue**

<a href="#">410-36-000-418500</a>	Sanitary Sewer District	30,000.00	30,000.00	4,607.52	4,607.52	-25,392.48	84.64 %
<a href="#">410-36-000-450600</a>	Penalties/Interest Charges	30,000.00	30,000.00	3,318.66	3,318.66	-26,681.34	88.94 %
<a href="#">410-36-000-454100</a>	Sewer Service Charges	2,500,000.00	2,500,000.00	208,269.19	208,269.19	-2,291,730.81	91.67 %
<a href="#">410-36-000-454125</a>	Surcharge Fees	15,000.00	15,000.00	1,534.93	1,534.93	-13,465.07	89.77 %
<a href="#">410-36-000-454150</a>	Leachate Disposal Charge	45,000.00	45,000.00	2,040.00	2,040.00	-42,960.00	95.47 %
<a href="#">410-36-000-454200</a>	Sewer Connection Charges	50,000.00	50,000.00	5,423.00	5,423.00	-44,577.00	89.15 %
<a href="#">410-36-000-480000</a>	Investment Income	5,000.00	5,000.00	0.00	0.00	-5,000.00	100.00 %
<a href="#">410-36-000-480200</a>	Investment Income.-Bond Acct.	275,000.00	275,000.00	0.00	0.00	-275,000.00	100.00 %
	<b>Revenue Total:</b>	<b>2,950,000.00</b>	<b>2,950,000.00</b>	<b>225,193.30</b>	<b>225,193.30</b>	<b>-2,724,806.70</b>	<b>92.37%</b>

**Expense**

<a href="#">410-36-000-510100</a>	Salaries/Wages-Regular	185,700.00	185,700.00	16,938.49	16,938.49	168,761.51	90.88 %
<a href="#">410-36-000-510200</a>	Wages-PartTime/Permanent	5,670.00	5,670.00	0.00	0.00	5,670.00	100.00 %
<a href="#">410-36-000-510300</a>	Salaries/Wages-Overtime	4,120.00	4,120.00	709.31	709.31	3,410.69	82.78 %
<a href="#">410-36-000-511100</a>	FICA Taxes	14,870.00	14,870.00	1,295.05	1,295.05	13,574.95	91.29 %
<a href="#">410-36-000-511300</a>	Health Insurance	39,020.00	39,020.00	2,153.53	2,153.53	36,866.47	94.48 %
<a href="#">410-36-000-511400</a>	Dental Insurance	2,040.00	2,040.00	136.39	136.39	1,903.61	93.31 %
<a href="#">410-36-000-511600</a>	Life Insurance	270.00	270.00	13.41	13.41	256.59	95.03 %
<a href="#">410-36-000-511700</a>	LAGERS Retirement Plan	13,630.00	13,630.00	1,151.96	1,151.96	12,478.04	91.55 %
<a href="#">410-36-000-512605</a>	Employee Incentive Program	200.00	200.00	0.00	0.00	200.00	100.00 %
<a href="#">410-36-000-512700</a>	HRA Deductible	3,750.00	3,750.00	0.00	0.00	3,750.00	100.00 %
<a href="#">410-36-000-520250</a>	Administration, Finance & IT Depar	67,005.00	67,005.00	0.00	0.00	67,005.00	100.00 %
<a href="#">410-36-000-520300</a>	Technical Services	10,000.00	10,000.00	610.28	610.28	9,389.72	93.90 %
<a href="#">410-36-000-520400</a>	Other Contracted Services	14,500.00	14,500.00	280.01	280.01	14,219.99	98.07 %
<a href="#">410-36-000-521540</a>	Uniform Cleaning Service	1,000.00	1,000.00	48.40	48.40	951.60	95.16 %
<a href="#">410-36-000-521560</a>	Building Repair & Maintenance	500.00	500.00	0.00	0.00	500.00	100.00 %
<a href="#">410-36-000-521620</a>	Equipment Repair & Maintenance	36,680.00	36,680.00	518.61	518.61	36,161.39	98.59 %
<a href="#">410-36-000-521630</a>	Vehicle Repair & Maintenance	2,000.00	2,000.00	845.37	845.37	1,154.63	57.73 %
<a href="#">410-36-000-521640</a>	Equipment Rental	1,500.00	1,500.00	24.64	24.64	1,475.36	98.36 %
<a href="#">410-36-000-522100</a>	Advertising	500.00	500.00	0.00	0.00	500.00	100.00 %
<a href="#">410-36-000-522200</a>	Property, Liability & Casualty Insura	21,100.00	21,100.00	0.00	0.00	21,100.00	100.00 %
<a href="#">410-36-000-522210</a>	Self-Insurance Deductible	300.00	300.00	0.00	0.00	300.00	100.00 %
<a href="#">410-36-000-522300</a>	Printing/Duplicating	800.00	800.00	0.00	0.00	800.00	100.00 %
<a href="#">410-36-000-522400</a>	Telephone	3,500.00	3,500.00	159.96	159.96	3,340.04	95.43 %
<a href="#">410-36-000-522410</a>	Telephone-Alarm Control	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00 %
<a href="#">410-36-000-522500</a>	Training/Seminars	1,000.00	1,000.00	1,050.00	1,050.00	-50.00	-5.00 %
<a href="#">410-36-000-522600</a>	Travel	700.00	700.00	0.00	0.00	700.00	100.00 %
<a href="#">410-36-000-522700</a>	Professional Dues & Memberships	500.00	500.00	0.00	0.00	500.00	100.00 %

**Budget Report**

**For Fiscal: 2021-2022 Period Ending: 10/31/2021**

		<b>Original</b>	<b>Current</b>	<b>Period</b>	<b>Fiscal</b>	<b>Variance</b>	<b>Percent</b>
		<b>Total Budget</b>	<b>Total Budget</b>	<b>Activity</b>	<b>Activity</b>	<b>(Unfavorable)</b>	<b>Remaining</b>
<a href="#">410-36-000-522900</a>	Postage	6,000.00	6,000.00	470.00	470.00	5,530.00	92.17 %
<a href="#">410-36-000-522950</a>	Credit Card Fees	20,000.00	20,000.00	1,746.17	1,746.17	18,253.83	91.27 %
<a href="#">410-36-000-530200</a>	Lab Supplies	2,350.00	2,350.00	0.00	0.00	2,350.00	100.00 %
<a href="#">410-36-000-530410</a>	Parts-Vehicle	5,300.00	5,300.00	198.49	198.49	5,101.51	96.25 %
<a href="#">410-36-000-530415</a>	Parts-Equipment	15,000.00	15,000.00	0.00	0.00	15,000.00	100.00 %
<a href="#">410-36-000-530420</a>	Office Supplies	500.00	500.00	42.62	42.62	457.38	91.48 %
<a href="#">410-36-000-530500</a>	Asphalt/Rock/Cement	25,000.00	25,000.00	638.50	638.50	24,361.50	97.45 %
<a href="#">410-36-000-530600</a>	Straw/Seeding/Plants	500.00	500.00	0.00	0.00	500.00	100.00 %
<a href="#">410-36-000-530700</a>	Uniforms & Clothing	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00 %
<a href="#">410-36-000-530800</a>	General Supplies	1,500.00	1,500.00	187.45	187.45	1,312.55	87.50 %
<a href="#">410-36-000-531110</a>	Electricity	41,000.00	41,000.00	5,612.24	5,612.24	35,387.76	86.31 %
<a href="#">410-36-000-531120</a>	Heating Fuel	2,500.00	2,500.00	46.28	46.28	2,453.72	98.15 %
<a href="#">410-36-000-531300</a>	Gasoline & Oil	8,000.00	8,000.00	584.30	584.30	7,415.70	92.70 %
<a href="#">410-36-000-532200</a>	Pipe & Fittings	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00 %
<a href="#">410-36-000-532270</a>	Manhole Replacement Program	10,000.00	10,000.00	818.50	818.50	9,181.50	91.82 %
<a href="#">410-36-000-533100</a>	Chemicals	2,200.00	2,200.00	0.00	0.00	2,200.00	100.00 %
<a href="#">410-36-000-533300</a>	Janitorial Supplies	400.00	400.00	39.74	39.74	360.26	90.07 %
<a href="#">410-36-000-534100</a>	Depreciation Expense	255,000.00	255,000.00	0.00	0.00	255,000.00	100.00 %
<a href="#">410-36-000-534200</a>	SmallTools/Equipment/Furnishings	23,475.00	23,475.00	992.20	992.20	22,482.80	95.77 %
<a href="#">410-36-000-541100</a>	Improvements Other Than Building	250,000.00	250,000.00	0.00	0.00	250,000.00	100.00 %
<a href="#">410-36-000-541120</a>	Sanitary Sewer System Improve	200,000.00	200,000.00	0.00	0.00	200,000.00	100.00 %
<a href="#">410-36-000-542100</a>	Vehicles	16,000.00	16,000.00	0.00	0.00	16,000.00	100.00 %
<a href="#">410-36-000-542200</a>	Machinery & Equipment	65,285.00	65,285.00	0.00	0.00	65,285.00	100.00 %
<a href="#">410-36-000-559200</a>	Bond/Note Principal	1,030,000.00	1,030,000.00	0.00	0.00	1,030,000.00	100.00 %
<a href="#">410-36-361-510100</a>	Salaries/Wages-Regular	259,980.00	259,980.00	23,600.30	23,600.30	236,379.70	90.92 %
<a href="#">410-36-361-510300</a>	Salaries/Wages-Overtime	4,120.00	4,120.00	313.31	313.31	3,806.69	92.40 %
<a href="#">410-36-361-511100</a>	FICA Taxes	19,800.00	19,800.00	1,757.78	1,757.78	18,042.22	91.12 %
<a href="#">410-36-361-511300</a>	Health Insurance	51,950.00	51,950.00	4,109.47	4,109.47	47,840.53	92.09 %
<a href="#">410-36-361-511400</a>	Dental Insurance	2,720.00	2,720.00	204.05	204.05	2,515.95	92.50 %
<a href="#">410-36-361-511600</a>	Life Insurance	370.00	370.00	30.41	30.41	339.59	91.78 %
<a href="#">410-36-361-511700</a>	LAGERS Retirement Plan	18,140.00	18,140.00	1,673.93	1,673.93	16,466.07	90.77 %
<a href="#">410-36-361-512605</a>	Employee Incentive Program	400.00	400.00	0.00	0.00	400.00	100.00 %
<a href="#">410-36-361-512700</a>	HRA Deductible	4,500.00	4,500.00	0.00	0.00	4,500.00	100.00 %
<a href="#">410-36-361-520250</a>	Administration, Finance & IT Depar	67,005.00	67,005.00	0.00	0.00	67,005.00	100.00 %
<a href="#">410-36-361-520300</a>	Technical Services	15,000.00	15,000.00	1,155.81	1,155.81	13,844.19	92.29 %
<a href="#">410-36-361-520400</a>	Other Contracted Services	31,810.00	31,810.00	931.03	931.03	30,878.97	97.07 %
<a href="#">410-36-361-521540</a>	Uniform Cleaning Service	1,500.00	1,500.00	77.44	77.44	1,422.56	94.84 %
<a href="#">410-36-361-521560</a>	Building Repair & Maintenance	1,500.00	1,500.00	0.00	0.00	1,500.00	100.00 %
<a href="#">410-36-361-521620</a>	Equipment Repair & Maintenance	113,080.00	113,080.00	762.91	762.91	112,317.09	99.33 %
<a href="#">410-36-361-521630</a>	Vehicle Repair & Maintenance	6,000.00	6,000.00	42.80	42.80	5,957.20	99.29 %
<a href="#">410-36-361-521640</a>	Equipment Rental	600.00	600.00	0.00	0.00	600.00	100.00 %
<a href="#">410-36-361-522200</a>	Property, Liability & Casualty Insura	25,800.00	25,800.00	0.00	0.00	25,800.00	100.00 %
<a href="#">410-36-361-522210</a>	Self-Insurance Deductible	500.00	500.00	0.00	0.00	500.00	100.00 %
<a href="#">410-36-361-522300</a>	Printing/Duplicating	1,050.00	1,050.00	0.00	0.00	1,050.00	100.00 %
<a href="#">410-36-361-522400</a>	Telephone	8,000.00	8,000.00	246.79	246.79	7,753.21	96.92 %
<a href="#">410-36-361-522500</a>	Training/Seminars	800.00	800.00	0.00	0.00	800.00	100.00 %
<a href="#">410-36-361-522600</a>	Travel	500.00	500.00	0.00	0.00	500.00	100.00 %
<a href="#">410-36-361-522700</a>	Professional Dues & Memberships	200.00	200.00	0.00	0.00	200.00	100.00 %
<a href="#">410-36-361-522900</a>	Postage	5,000.00	5,000.00	482.14	482.14	4,517.86	90.36 %
<a href="#">410-36-361-530200</a>	Lab Supplies	19,000.00	19,000.00	17.09	17.09	18,982.91	99.91 %
<a href="#">410-36-361-530410</a>	Parts-Vehicle	1,500.00	1,500.00	235.78	235.78	1,264.22	84.28 %
<a href="#">410-36-361-530415</a>	Parts-Equipment	82,500.00	82,500.00	117.41	117.41	82,382.59	99.86 %
<a href="#">410-36-361-530420</a>	Office Supplies	200.00	200.00	0.00	0.00	200.00	100.00 %
<a href="#">410-36-361-530500</a>	Asphalt/Rock/Cement	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00 %
<a href="#">410-36-361-530600</a>	Straw/Seeding/Plants	500.00	500.00	0.00	0.00	500.00	100.00 %
<a href="#">410-36-361-530700</a>	Uniforms & Clothing	600.00	600.00	0.00	0.00	600.00	100.00 %
<a href="#">410-36-361-530800</a>	General Supplies	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00 %
<a href="#">410-36-361-531110</a>	Electricity	190,000.00	190,000.00	19,119.40	19,119.40	170,880.60	89.94 %



**Budget Report**

**For Fiscal: 2021-2022 Period Ending: 10/31/2021**

		<b>Original</b>	<b>Current</b>	<b>Period</b>	<b>Fiscal</b>	<b>Variance</b>	<b>Percent</b>
		<b>Total Budget</b>	<b>Total Budget</b>	<b>Activity</b>	<b>Activity</b>	<b>Favorable (Unfavorable)</b>	<b>Remaining</b>
<u>410-36-361-531120</u>	Heating Fuel	17,000.00	17,000.00	665.18	665.18	16,334.82	96.09 %
<u>410-36-361-531300</u>	Gasoline & Oil	3,500.00	3,500.00	124.77	124.77	3,375.23	96.44 %
<u>410-36-361-532200</u>	Pipe & Fittings	1,500.00	1,500.00	0.00	0.00	1,500.00	100.00 %
<u>410-36-361-533100</u>	Chemicals	22,300.00	22,300.00	0.00	0.00	22,300.00	100.00 %
<u>410-36-361-534100</u>	Depreciation Expense	925,000.00	925,000.00	0.00	0.00	925,000.00	100.00 %
<u>410-36-361-534200</u>	Small Tools/Equipment/Furnishings	13,425.00	13,425.00	75.00	75.00	13,350.00	99.44 %
<u>410-36-361-541100</u>	Improvements other than Buildings	150,000.00	150,000.00	0.00	0.00	150,000.00	100.00 %
<u>410-36-361-542200</u>	Machinery & Equipment	267,000.00	267,000.00	0.00	0.00	267,000.00	100.00 %
<u>410-36-361-542300</u>	Furniture & Fixtures	30,000.00	30,000.00	0.00	0.00	30,000.00	100.00 %
<u>410-36-361-559110</u>	Interest Expense	417,100.00	417,100.00	0.00	0.00	417,100.00	100.00 %
<u>410-36-361-559120</u>	Agent Fees	55,000.00	55,000.00	0.00	0.00	55,000.00	100.00 %
<u>410-36-361-559130</u>	Amortization of Bond Discount/Pre	-20,780.00	-20,780.00	0.00	0.00	-20,780.00	100.00 %
	<b>Expense Total:</b>	<b>5,261,535.00</b>	<b>5,261,535.00</b>	<b>93,054.70</b>	<b>93,054.70</b>	<b>5,168,480.30</b>	<b>98.23%</b>
	<b>Fund: 410 - SEWAGE TREATMENT FUND Surplus (Deficit):</b>	<b>-2,311,535.00</b>	<b>-2,311,535.00</b>	<b>132,138.60</b>	<b>132,138.60</b>	<b>2,443,673.60</b>	<b>105.72%</b>
	<b>Report Surplus (Deficit):</b>	<b>-4,169,220.00</b>	<b>-4,169,220.00</b>	<b>221,629.08</b>	<b>221,629.08</b>	<b>4,390,849.08</b>	<b>105.32%</b>



## Group Summary

Account Type	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Remaining
<b>Fund: 400 - WATER FUND</b>						
Revenue	1,976,965.00	1,976,965.00	179,427.75	179,427.75	-1,797,537.25	90.92%
Expense	3,834,650.00	3,834,650.00	89,937.27	89,937.27	3,744,712.73	97.65%
<b>Fund: 400 - WATER FUND Surplus (Deficit):</b>	<b>-1,857,685.00</b>	<b>-1,857,685.00</b>	<b>89,490.48</b>	<b>89,490.48</b>	<b>1,947,175.48</b>	<b>104.82%</b>
<b>Fund: 410 - SEWAGE TREATMENT FUND</b>						
Revenue	2,950,000.00	2,950,000.00	225,193.30	225,193.30	-2,724,806.70	92.37%
Expense	5,261,535.00	5,261,535.00	93,054.70	93,054.70	5,168,480.30	98.23%
<b>Fund: 410 - SEWAGE TREATMENT FUND Surplus (Deficit):</b>	<b>-2,311,535.00</b>	<b>-2,311,535.00</b>	<b>132,138.60</b>	<b>132,138.60</b>	<b>2,443,673.60</b>	<b>105.72%</b>
<b>Report Surplus (Deficit):</b>	<b>-4,169,220.00</b>	<b>-4,169,220.00</b>	<b>221,629.08</b>	<b>221,629.08</b>	<b>4,390,849.08</b>	<b>105.32%</b>

**Fund Summary**

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
400 - WATER FUND	-1,857,685.00	-1,857,685.00	89,490.48	89,490.48	1,947,175.48
410 - SEWAGE TREATMENT FUND	-2,311,535.00	-2,311,535.00	132,138.60	132,138.60	2,443,673.60
<b>Report Surplus (Deficit):</b>	<b>-4,169,220.00</b>	<b>-4,169,220.00</b>	<b>221,629.08</b>	<b>221,629.08</b>	<b>4,390,849.08</b>

## Memorandum

**TO:** Darren Lamb, City Administrator  
Board of Public Works

**FROM:** Kevin Quaethem, Water and Wastewater Superintendent

**DATE:** November 19, 2021

**RE:** Work Performed by the Water and Wastewater Departments

### STATUS OF MAJOR CONTRACTS – OCTOBER 2021

PROJECT	VENDOR	CONTRACT AMOUNT	PREVIOUSLY APPROVED	CURRENTLY APPROVED	BALANCE
Enduro & Clay St Water Storage Tanks	Cochran Eng.	\$ 54,000.00	\$19,037.30	\$1,260.46	\$ 33,702.24
Interior & Exterior Recoating – Clay St & Enduro Tanks	Worldwide Industries Corp	\$593,500.00	-0-	-0-	\$593,500.00
Sewer Camera Upgrade	Coe Equipment	\$ 41,605.00	-0-	-0-	\$ 41,605.00
Sliplining	Insituform Technologies USA, LLC	\$544,939.20	-0-	-0-	\$ 49,666.76

### OCTOBER 2021

Water Pumped October 2021..... 58,541,934 1.89 mgd

Wastewater Effluent Flow October 2021. ....60,010,000 1.94 mgd

Missouri One Call Locate messages received October 2021 .....216

Meters Issued as new. ....3

Meters Replaced .....0

Meters Issued as new for irrigation systems .....0

Service Requests/Meter Appts./Work Orders Completed October 2021. ....28

Sewer Routines .....0

Delinquent Accounts actually shut off in October 2021. ....24

### WATER DEPARTMENT FIELD WORK PERFORMED – OCTOBER 2021

- |                                      |  |
|--------------------------------------|--|
| 1. Shop Maintenance                  | 10. Water Break 7 <sup>th</sup> & Hooker         |
| 2. Meter/Swapping/Repair             | 11. Water Leak Busch Avenue                      |
| 3. Repair/Replace Hydrants           | 12. Dig Up 2459 Stonecrest                       |
| 4. Check Wells/Lift Stations/Heaters | 13. Repair Curb Stop @ 805 Wilson                |
| 5. Missouri One Call Locates         | 14. Repair Curb Stop @ 616 E 18 <sup>th</sup>    |
| 6. Hydrant Flushing                  | 15. Repair Curb Stop @ 355 Fair St.              |
| 7. Maintenance on Wells              | 16. Repair Curb Stop @ 104 E 6 <sup>th</sup> St. |
| 8. Mr. Manhole – Terry Lane          | 17. Rebuilt Hydrant 445 Lake Washington          |
| 9. Water Break Blue Jay Dr.          |  |

## WASTEWATER DEPARTMENT FIELD WORK PERFORMED – OCTOBER 2021

1. Sewer Routines
2. Daily lab work and routines.
3. Cleaned Belt Press
4. Clean Process Filters
5. Run Belt Press
6. Emergency Call Out/Victorian Manor Lift
7. Root Cutting / 1507 1<sup>st</sup> Parkway
8. Sewer Backup 1404 W 5<sup>th</sup> St.
9. Tv'd Sewer @ 1420 W. 5<sup>th</sup> St.
10. Tv'd Sewer @ 4931 South Point
11. Tv'd Sewer @ Chamber Dr.
12. Hauled Sludge Across River

## ROUTINE FIELD WORK

1. Performed rereads as necessary.
2. Performed read-outs on meters (persons moving in and out)
3. Installed reading device receptacles on houses where new/replacement meters were installed.
4. Issued meters and materials to contractors, owners, etc.
5. Took necessary water samples of the distribution system.
6. Flushed hydrants – scheduled routine flushing.
7. Wastewater lab work.
8. Root-sawed and/or cleaned sewer lines where necessary.
9. Hauled sludge.
10. Televised sewer lines.
11. Performed river gauge measurement.
12. Performed sewer and water service main inspections.
13. Located water and sewer lines.
14. Monitored construction of water and sewer mains in new developments.
15. Responded to service call requests.
16. Invoiced for meters, materials and other charges as necessary.
17. Performed maintenance and repairs on buildings, vehicles, and equipment.

Missouri Department of Natural Resources  
 Division of Environmental Quality  
**Microbiological Analysis Report**

P.O. Box 176  
 Jefferson City, MO 65102  
 314--751-5331

Public Water System Name <b>Washington Water Dept.</b>				Laboratory Name <b>Franklin County Lab</b>			
Street Address <b>405 Jefferson Street</b>				<b>7419 Hwy 47 Ste. A Union, MO</b>			
City <b>Washington</b>			Zip Code <b>63090</b>	Certification Number <b>00700</b>			
County <b>Franklin</b>		I.D. Number <b>MO6010838</b>					
Date M/D/Y	Collection Point	Sample Type	Location Code	Sample Results		Chlorine Residual	
				Coliform	E-coli	Total	Free
10/5/21	4 Chamber	R	R-3	A	A	0.24	0.21
10/5/21	1 Nickridge Dr	R	R-15	A	A	0.49	0.44
10/5/21	1 Scenic Dr	R	R-11	A	A	1.04	1.02
10/5/21	519 Wash Ave	R	R-12	A	A	1.22	1.12
10/5/21	105 Wash Hgts Dr	R	R-6	A	A	0.25	0.23
10/12/21	4 Chamber	R	R-3	A	A	0.29	0.23
10/12/21	1 Scenic Dr	R	R-11	A	A	0.75	0.69
10/12/21	1901 W. Main St	R	R-17	A	A	0.79	0.73
10/12/21	6354 Bluff Rd	R	R-18	A	A	0.57	0.51
10/12/21	1811 E 9th St	R	R-10	A	A	0.44	0.40
10/19/21	4 Chamber	R	R-3	A	A	0.39	0.30
10/19/21	519 Wash Ave	R	R-12	A	A	0.63	0.59
10/19/21	405 Jefferson St	R	R-4	A	A	0.60	0.67
10/19/21	1 Scenic Dr	R	R-11	A	A	0.55	0.59
10/19/21	1220 Lakeshore Dr	R	R-1	A	A	0.41	0.44
				Signed: Kristen Wideman		Date: 10/20/2021	
Total Routine Samples: 15				Title: Lab Assistant			
Monitoring Violation ___ Yes ___X___ No							