



AGENDA

VILLAGE OF LITTLE CHUTE UTILITY COMMISSION MEETING

PLACE: Village Hall Board Room

DATE: Tuesday, August 28, 2018

TIME: 6:00 p.m.

- A. Call to Order
 - B. Roll Call
 - C. Public Appearance for Items Not on the Agenda
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1. Approval of Minutes
Utility Commission Minutes of July 17, 2018
2. Review/Approve Partial Relay Homewood Court
3. Review/Approve Well # 4 Well/Pump Repair Proposal
4. Review/Approve UCMR 4 Testing Proposals.
5. Progress Reports
 - a. MCO Operations Update
 - b. Director of Public Works
 - c. Finance Director
6. Approval of Vouchers
7. Unfinished Business
8. Items for Future Agenda
9. Adjournment

Requests from persons with disabilities who need assistance to participate in this meeting should be made with as much advance notice as possible to the Clerk's Office at 108 West Main Street, (920) 423-3852

Prepared: August 22, 2018

MINUTES OF THE UTILITY COMMISSION MEETING JULY 17, 2018

Call to Order

The Utility Commission meeting was called to order at 6:00 P.M. by Tim Wegand, Chair

Roll Call

PRESENT: Tim Wegand, Chair
Tim Bevers
Mark Gloudemans
Jessica Schultz

EXCUSED: Kevin Coffey
Michael Vanden Berg

ALSO PRESENT: Village Administrator James Fenlon, Director of Public Works Kent Taylor,
Jerry Verstegen, MCO

Public Appearance for Items Not on the Agenda

None

Approval of Minutes from the Utility Commission Meeting of June 19, 2018

*Moved by M. Gloudemans, seconded by T. Bevers to Approve Minutes from the Utility
Commission of June 19, 2018*

All Ayes – Motion Carried

Discussion/Action—PSC Report

Director Taylor went over the Public Service Commission Report that was filed with the State of Wisconsin for the year ending December 31, 2017.

Discussion—TID Review

Administrator Fenlon went over information on Tax Increment Districts for #6, 7 and 8.

Progress Reports

MCO Operations Update

Jerry Verstegen, MCO advised that there was a major fail on well #4, called in Waterwell Solutions and found a shaft broke at 410 feet. He is checking the quality of the salt being received and talked to the supplier. Residential meter changes continue. Wilson Street relay, Main line and public services complete and they are working on the private services. A hydrant was replaced at 520 Randolph.

Director of Public Works

Director Taylor went over current projects going on with the sanitary storms in the Village. Director Taylor also advised his department is doing manhole inspections and working with WE Energies to inspect the pipe they believe was damaged by them.

Finance Director

Administrator Fenlon advised that a new Finance Director will begin on August 13th.

Approval of Vouchers

*Moved by T. Bevers, seconded by J. Schultz to Approve and Authorize payment of the
vouchers and draw from the respective funds*

All Ayes – Motion Carried

Unfinished Business

Commissioner Schultz questioned the Ammonia Landfill fees. Administrator Fenlon advised they are letting the Heart of the Valley run that train and is keeping an eye on these costs.

Items for Future Agenda

None

Adjournment

Moved by M. Gloudemans, seconded by J. Schultz to Adjourn the Meeting at 7:07 p.m.

All Ayes – Motion Carried

VILLAGE OF LITTLE CHUTE

Attest: Laurie Decker, Village Clerk

By: Kevin Coffey, Chair

Village of Little Chute
Department of Public Works

REQUEST FOR UTILITY COMMISSION'S CONSIDERATION

ITEM DESCRIPTION: Partial Relay Homewood Court
REPORT PREPARED BY: Jerry Verstegen
REPORT DATE: August 22, 2018
<p>PUBLIC WORKS DIRECTOR'S/ADMINISTRATOR'S REVIEW / COMMENTS:</p> <p>No additional comments to this report _____ See additional comments attached _____</p>
<p>EXPLANATION: In front of the home located at 120 Homewood Court has seen (6) water breaks in the last several years. The home is located on the east bend on Homewood Court, the water main cuts the corner under the sidewalk. When water breaks have occurred, there has been the same recurring damaged to the terrace, sidewalk and front yard at 120 Homewood Court. The Department has also witnessed the pitting of the water main at this location. The Department is looking to spot relay this section of pipe into the road and replace with 85 feet of PVC pipe. Please see aerial photo of location, the Department would relocate the water main in the road along the curb line. The Department would hire Don Hietpas and Sons to perform the relay, and the Village DPW Department would perform the restoration. Homewood Court is scheduled for full relay in 2019.</p>
<p>RECOMMENDATION: Discuss/ Approve Department to spot relay Homewood Court, not to exceed \$15,000. Please see Department estimate worksheet.</p>



Village of Little Chute Water Department, Wisconsin

Project Location**Partial Homewood Ct 120****Project Year****2018**

Item Description	Est Qty	Units	Unit Cost	Unit Total
Temporary Water	0	EA.	\$ 4,500.00	\$ -
Hydrant		EA.	\$ 3,900.00	\$ -
6" PVC Water Main	0	L.F.	\$ 75.00	\$ -
8" PVC Water Main	85	L.F.	\$ 95.00	\$ 8,075.00
12" PVC Water Main		L.F.	\$ 100.00	\$ -
6" Valve		EA.	\$ 1,150.00	\$ -
8" Valve		EA.	\$ 1,558.00	\$ -
12" Valve		EA.	\$ 2,000.00	\$ -
1" Water Service Set (From Sleeve to Curb box)	2	EA.	\$ 750.00	\$ 1,500.00
1.5" Water Service Set (From Sleeve to Curb box)		EA.	\$ 1,050.00	\$ -
2" Water Service Set (From Sleeve to Curb box)		EA.	\$ 1,250.00	\$ -
1" Poly Water Service	0	L.F.	\$ 45.00	\$ -
1.5" Poly Water Service	0	L.F.	\$ 50.00	\$ -
2" Poly Water Service	0	L.F.	\$ 70.00	\$ -
Reconnect Water Service		EA.	\$ 520.00	\$ -
Abandon Water Service		EA.	\$ 2,800.00	\$ -
Concrete Patch	38	SY	\$ 58.00	
Asphalt Patch	38	SY	\$ 50.00	\$ 1,888.89
Salvage Hydrant		EA.	\$ 500.00	\$ -
4-6 45 degree bends	6		\$ 350.00	\$ 2,100.00
Engineering		EA.	10%	\$ 1,356.39
			TOTAL	\$ 14,920.28

Item Description	Est Qty	Units
Number of Water Main Breaks	EA.	6
Number of Water Main Breaks per 1000 Feet	EA.	70.59
Private Lead Services	EA.	
Public Lead Services	EA.	

Village of Little Chute
Department of Public Works

REQUEST FOR UTILITY COMMISSION'S CONSIDERATION

ITEM DESCRIPTION: Well # 4 Well/Pump Repair Proposal
REPORT PREPARED BY: Jerry Verstegen
REPORT DATE: August 22, 2018
<p>PUBLIC WORKS DIRECTOR'S/ADMINISTRATOR'S REVIEW / COMMENTS:</p> <p>No additional comments to this report _____ See additional comments attached _____</p>
<p>EXPLANATION: As the Commission is aware, Well # 4 failed on July 10th, 2018. Please see Water Well's proposal and description of failure that accrued. I have included a breakdown of cost on the first page and highlighted all items that resulted from the shaft failure. Well # 4 was budgeted for \$75,000 in 2019 to be pulled and inspected, total cost for current repairs in \$106,117.00. \$36,692 is due to the failure, the Department is going to submit these costs to the Village's insurance. Because of time restraints, the Department informed and asked permission to proceed with proposal from Commission President Kevin Coffee. The Village Administrator signed the proposal on August 3, 2018, Water Well has ordered all repair parts, we are still waiting on an installation timeline. I have also included the Departments log of events for the breakdown, this is still a working document, so please discard formatting and editing errors.</p>
<p>RECOMMENDATION: Review/discuss Water Well's proposal and formally approve.</p>



August 16, 2018

Little Chute Water Utility
108 W. Main Street
Little Chute, WI 54140
Attn: Jerry Verstegen

2019 CIP Budget	=	\$75,000
Typical/Budgeted Repairs	=	\$69,425
Repairs due to shaft failure	=	\$36,692

Re: Well #4 Pump inspection

Dear Jerry,

We have completed our inspection of the pump assembly that we removed from Well 4. As you know, the 5 foot section of line shaft directly above the bowl assembly broke and separated horizontally near the end of the threaded portion of the shaft where it coupled to the first 10ft line shaft as seen in the following two pictures.





When the line shaft directly above the pump broke, it allowed the shafts above that point to spin free without pumping cooling water past the rubber bearings / shaft sleeves which caused overheating of rubber bearings which in turn melted some of the bearings and heated the shaft sleeves. Once the rubber bearings were melted and thrown from the spiders, the shafts began to “whip” until they ran out far enough that they damaged and even destroyed some of the centering spiders.

At the pump bowl assembly, we see evidence of what looks like extensive abrasive wear on the contact points between the bowl impeller shaft and the bronze bowl bearings. In the following picture you can see the excessive gap created by the wear.





Water Well Solutions

One of the intermediate pump bowls also had a hole blown through the cast iron. The picture follows:



We also show damage to the discharge case of the bowl assembly in the following picture.





The column pipe is spotted with deep pits and we recommend replacing all pipe. Due to the extreme running conditions placed on the shafts, we recommend replacing all shafts & shaft couplings with new 416SS shafts & couplings.

The rubber bearings must all be replaced as most were destroyed during the failure and the stainless steel shaft sleeves were also subjected to severe wear and damage.

Following is a breakdown of recommended repairs along with associated costs for Well # 4.

Column Assy:

• (42) 8" .322" x 10ft T&C W/L column pipe (\$480.00/ea)	\$20,160.00
• (1) 8" .322" 40 x 5ft T&C W/L column pipe	\$335.00
• (1) 8" .322" 40 x 5ft TBE W/L column pipe	\$320.00
• (42) 1-11/16" x 10' stainless steel shafts, T&C (\$418.00/ea)	\$17,556.00
• (43) 1-11/16" x 1 15/16" stainless steel shaft sleeves. (\$45.00/ea)	\$1,935.00
• (1) 1-11/16" 416 SS motor drive shaft, TBE.	\$490.00
• (1) 1-11/16" stainless steel top shaft, T&C	\$325.00
• (43) 8" x 3/4" 304SS drop in spiders (\$90.00/ea)	\$3,870.00
• (43) 8" dia. x 10" x 1/8" zinc sleeves (installed) (\$215/ea)	\$9,460.00
• (43) 1-15/16" pop in rubber bearings. (\$12.00/ea)	\$516.00
• 200 HP VHS Electric Motor repair	\$2,850.00

Bowl Assembly:

• New - 6 stage Goulds bowl assembly.	\$13,500.00
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Discharge Head:

• clean and paint discharge head.	\$100.00
• Rebuild / repack 1-11/16" stuffing box complete.	\$200.00

Labor:

• Est. Field Labor – Pump Removal	\$9,000.00
• Installation & Removal of temporary submersible Well pump (set 320ft on 6" column) including Temp. wiring and re-programming VFD	\$12,000.00
• Est. Shop Labor	\$900.00
• Est. Field Labor – Pump Installation	\$10,500.00

Misc.

• Well Televising	\$1,000.00
• (2) 430' airlines.	\$750.00
• Misc. water samples, tape, chlorine, splices, etc.	\$350.00

Well #4 Estimated Emergency Pump Repair Total: \$106,117



Please be advised that due to the instability in the current steel market, the above prices can only be guaranteed for 3 days from the date of this letter.

We hope you find this correspondence complete in meeting your needs. Should further questions or comments arise, please feel free to contact our office at your convenience. We look forward to hearing from you soon.

Most sincerely,

Peter Bennin

Peter Bennin
Project Manager
Advanced Solutions

Office : +1 (920) 474-4777 ext. 216
Mobile : +1 (262) 269-8755



Water Well Solutions Service Group, Inc.
N87W36051 Mapleton Street
Oconomowoc, WI 53066
www.utilityservice.com

- 10:15pm: JV returns to check on shells at Pmp # 2, all shells have completed their regen cycle, JV starts Well # 3 to fill reservoir.
- 11:30pm: JV Leaves for day

Thursday July 12, 2018

- 5:00am: JV puts Pmp # 2 on the lead, system is back on normal conditions with two plants running.
- 7:00am: WW returns to site, they only have the pump column and strainer to remove.
- 8:03am: JV emails Pete B looking for update on temp. pump install and cost.
- 10:00am: CK disinfects a 2" poly lines that will be used to back fill Well # 4 reservoir.
- 1:00pm: Lee's Welding installs 6" port and flange.
- 2:30pm: JV and CK install 6" gate valve on 6" port,
- 3:15pm: LV and CK run 2" poly line from meter bench port to new 6" port and start back filling Well # 4 reservoir. Reservoir is filling at a rate of 220gpm.

Friday July 13, 2018

- 8:00am: WW arrives to televise well, WW informs JV that they will start installing temporary pump on Monday.
- 4:00pm: Well # 4 reservoir check, estimated 475,000 gallons.

Monday July 16, 2018

- 10:00am: WW arrives to start installing temporary pump.
- 4:00pm: WW leaves for the day

Tuesday July 17, 2018

- 7:00am: WW continues pump installation.
- 2:00pm: WW finished temporary pump installation, Pete B. from WW arrives to reprogram VFD for temporary pump and motor, we find that we will be unable to run pump in a "auto" set, so the pump will need to be run manually.
- 2:00pm: JV and CK set up chemical pumps for correct dosage with temporary pump.
- 4:30pm: Pump is run to waste to check vfd operations, well is then chlorinated.

Wednesday July 18th, 2018

- 4:00pm: JV starts and pumps Well to waste for two hours, first bacti sample is taken at 6:00pm and delivered to Clean Water Testing.

Tuesday July 10, 2018

- 1:35am: SCADA Alarm Well # 4 Control to Run Fail
- 1:55am: Phil M (On-Call Operator), arrived at Well # 4
 - Phil found a VFD fault "Overcurrent" on the Well.
 - Phil Cleared VFD fault and reset SCADA faults, tried to start the Well and noticed a vibration at start-up, he immediately shut down the VFD.
 - 2:25am: Phil called Jerry V and informed him of the situation.
 - 2:40am Jerry V, arrived at Well # 4
 - JV inspected the Well shaft and was able to turn it by hand.
 - JV started the motor and brought it up to 40hz, no air was coming up from the Well which indicated that the well shaft was most likely broken.
 - JV locked out Well VFD and took Well # 4 out of service
- Pmp # 2 situation: Pmp # 2 salt tanks have been unable to create a strong enough brine solution for the past week. Staff decided to bring the salt levels down for cleaning, the cleaning of the tank was scheduled for Thursday July 12th. The issue we have, is the softeners need to regenerate at this time, or we will be pumping out hard water.
- Over All Situation
 - Well # 1 is pumping and is set at 1,100gpm or 1.58 million gallons per days
 - System is averaging between 1.5 and 1.7 million gallons per day.
 - Unable to use Well # 3 until we have the salt tank cleaned out.
 - Pmp # 2 has 177,500 gallons in the reservoir that we can pump, before we need Well # 3 online.
 - Well # 4 is out of service, we have 300,000 gallons of water in the reservoir that we can pump, before we need Well # 4 online.
- 3:00am: Phil M was sent home, JV switch SCADA matrix to have Well # 1 on the lead with Pmp # 2 in the second spot and Well # 4 in the third spot.
- 3:10am: JV went down to Well # 1 and set pumping rates to manual, and increased pumping rates.
- 3:45am: JV called Pete B at Water Well Solutions, explained the situation, Pete would give me a call back around 7:00am to let me know when he could get a well crew up to use.
- 4:30am: JV went home.
- 6:30am: JV, Chris K (CK) and Chris H (CH) discussed situation.
- 7:00am: CK calls Speedy Clean to see if they can clean the tanks today.
- 7:25am: Water Well Solutions call, and they will be arriving around noon.
- 7:45am: Speedy Clean calls and will be arriving around 9:00am
- 7:46am: JV send email to Kent T, and informs him of situation.
- 7:55am: JV calls Marty J, to discuss where Marty would like the salt waste to be dumped.
- 8:35am: Speedy Clean arrives and starts to clean tank.
- 10:00am: The cleaning of the tanks is going very slow, the salt is rock hard, CK rents a jack hammer from Ace Hardware, and gets an air compressor and jack Hammer from Kimberly.
- 10:15am: JV calls Bruce Jardon at Compass Minerals and discusses the bad salt situation, Bruce ask for Pictures

- 10:30am: JV and CK get a sample of the salt, and JV takes pictures and sends them to Compass Minerals
- 12:10pm: Water Well Solutions (WW) arrives and starts to set up
- 1:30pm: JV updates Kent
- 2:00pm: Speedy Clean is making progress on salt tanks, the plan is to work until it is done.
 - Staff plans to truck brine over to Pmp # 2 from Well # 4, JV talks to Hietpas and they will let us use their water truck. If we can truck 2,100 gallons over to Pmp # 2, we will be able to regenerate the shells and put Well # 3 back on line.
- 3:00pm: WW has motor pulled, they can rotate the pump shaft, this should indicate that the break is toward the top, if it is, we will fix and get Well # 4 back on line, if it is towards the bottom, we may elect to pull everything.
- 3:44pm: Speedy Clean looks to be able to finish in the next couple hours.
- 5:15pm: Speedy Clean has the tank cleaned, CK is assisting Speedy Clean and cleaning site up.
- 5:45pm: CK gets mini loader from DPW with a bucket of clear stone, CK and JV dump stone in salt tank to bed pipe and the stone acts as a filter for the salt.
- 6:00pm: WW shuts down for the day, they removed 100' of pump column, all shaft bearings are torn apart. Most likely due to the shaft spinning without water after the shaft broke.
- 6:30: CK goes home
- 6:30pm to 9:00pm: JV truck (3) loads of brine from Well # 4 to Pmp # 2. Hietpas and Sons borrows us their water truck. Dump proximity 2,800 gallons of brine into tank.
 - After second load of brine, JV prime brine pump and puts Shell # 3 into a regeneration.
 - Shell finishes regen around 9:35pm
 - Shell # 2 is put into regeneration.
 - Well # 3 is started with Shell # 1 and Shell # 3 operational, only 3.1 feet left in reservoir.
- 8:00pm: JV starts Booster # 6 at Well # 4 to meet system demand
- 9:45pm: JV goes home
- 11:00pm: JV shuts down Booster # 6, Reservoir # 4 has only a estimated 180,000 gallons left.
- 11:30pm: JV leaves

Wednesday July 11, 2018

- 6:30am: WW returns to site to continue removal of pump.
- 6:30am: Well # 3 and Pmp # 2 are put on the lead, salt should arrive around noon.
- 7:30am: JV send email to Pete B of Water Well Solutions asking for current cost of project, cost associated with a 10-inspection. Also provide pump stats for sizing on temporary pump.
- 8:15am: JV updates Kent T
- 9:00am: JV contacts Lee's Welding to have a 6" port and flange installed downstream of Well meter, this will allow for waste pumping from the Well and to backfill reservoir.
- 3:20pm: Salt delivered to Pmp # 2, JV puts Well # 1 on the lead.
- 5:00pm: WW crew finds break at 410'
- 5:30pm: JV starts to regenerate shells at Pmp # 2
- 6:30pm: WW crew leaves for day
- 6:30pm: JV and CK leaves for the day

Village of Little Chute
Department of Public Works

REQUEST FOR UTILITY COMMISSION'S CONSIDERATION

ITEM DESCRIPTION: UCMR 4 Testing Proposals

REPORT PREPARED BY: Jerry Verstegen

REPORT DATE: August 22, 2018

PUBLIC WORKS DIRECTOR'S/ADMINISTRATOR'S REVIEW / COMMENTS:

No additional comments to this report _____
See additional comments attached _____

EXPLANATION: The EPA requires all Utilities with populations over 10,000 to participate in the UCMR testing. This is the 4th round of testing for Little Chute.

The Department sent out request for proposals to 4 four test facilities, we receive two proposals back from Pace Analytical and Great Lakes Testing. The Water Department has used both vendors in the past and has had zero issues. Pace Analytical proposal for the testing was: \$4,436.00, and Great Lakes proposal was: \$6,651.00. The Department budgeted for 2018, \$5,000 for UCMR testing.

RECOMMENDATION: The Water Department recommends approval of Pace Analytical proposal for \$4,436.00

Pace Analytical Services, Inc.

8 East Tower Circle
Ormond Beach, FL 32174
386.672.5668
fax 386.673.4001



For more info see: UCMR 4

Pace Quote No.: Little Chute GW UCMR 4 Quote 081518
Organization: Little Chute Water Works

Street: 625 E. Evergreen Drive
City, State & Zip: Little Chute, WI 54140
Contact: Jerry Verstegen
Email: lcwater@littlechutewi.org
Phone: 920-788-7522
Project Name: **UCMR 4 for GW PWSs**

Date: 8/15/18
Shipping: *UCMR 4 container sets and shipping to client by FedEx Ground included. Also included is sample shipment back to Pace by FedEx Standard Overnight.*

EDD: Data uploaded into EPA CDX SDWARS by Pace

PWS ID: **WI4450338**
Sampling Dates: **Nov 2018, May 2019**
Reqd. Certification: EPA
Turnaround EPA mandated requirement is 120 calendar days
Time (TAT): from sampling date. Pace TAT is typically <25 business days.

Primary Lab: Ormond Beach
Pace Contact: Paul Jackson
813.731.1595
Paul.Jackson@pacelabs.com

UCMR 4 Sampling Information:

PWSs that purchase 100% of their water are not required to collect source water samples for TOC or bromide analyses. Sampling for TOC and bromide must otherwise occur at source water influent locations representing untreated water entering the water treatment plant (i.e., a location prior to any treatment).

SW/GWUDI systems subject to the D/DBPR TOC monitoring must use their D/DBPR TOC source water sampling site(s) from 40 CFR 141.132 for TOC and bromide samples.

SW/GWUDI systems that are not subject to D/DBPR TOC monitoring will use their Long Term 2 Enhance Surface Water Treatment Rule (LT2) source water sampling site(s) (40 CFR 141.703) for TOC and bromide samples.

Groundwater systems that are subject to the D/DBPRs will take TOC and bromide samples at their influents entering their treatment train.

TOC and bromide must be collected at the same time as HAA samples. These indicator samples must be collected at a single source water influent using methods already approved for compliance monitoring.

Pace Analytical Services, Inc.

8 East Tower Circle

Ormond Beach, FL 32174

386.672.5668

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Total Qty.	Matrix	Test Description	Method	Unit Price	Total
Laboratory Testing:					
Number of Source Water Intake Locations (SR) to be sampled for AM2 (2/12 month period every 6 months, January-December):				3	
Number of sampling events:				2	
6	Drinking Water	Total Organic Carbon (TOC)	SM 5310B	\$34.00	\$204.00
6	Drinking Water	Bromide	300.1	\$30.00	\$180.00
Number of Entry Points to The Distribution System (EPTDS) to be sampled for AM1 (2/12 month period every 6 months, January-December):				3	
Number of sampling events:				2	
6	Drinking Water	Metals: Germanium & Manganese	200.8	\$49.00	\$294.00
6	Drinking Water	Pesticides and Pesticide Byproducts	525.3	\$189.00	\$1134.00
6	Drinking Water	Alcohols	541	\$129.00	\$774.00
6	Drinking Water	Semivolatile Organics	530	\$169.00	\$1014.00
Number of Stage 2 Disinfectants and Disinfection Byproducts Rule Sampling Locations (D/DBPR) to be sampled for AM2 (2/12 month period every 6 months, January-December):				2	
Number of sampling events:				2	
4	Drinking Water	Haloacetic Acids - HAA5, HAA6 & HAA9 compounds	552.3	\$209.00	\$836.00
Container set provided on a rush basis, as required:					
0		Rush Container Set Handling, cost of FedEx Overnight Shipping will be added to cost		\$75.00	\$0.00
Total, analysis of all samples for the monitoring period (does not include any EPA required resampling caused by shipping issues or client-taken samples received out-of-temperature):					\$4436.00

Pace Analytical Services, Inc.

8 East Tower Circle
Ormond Beach, FL 32174
386.672.5668
fax 386.673.4001



Notes:

Pace is certified for drinking water analysis in the following states, and is U.S. EPA approved for all UCMR 4 test methods in all states:

**AL, AZ, CO, CT, FL, GA, HI, IL, IN, KS, KY, LA, ME, MA, MI, MS, MO,
MT, NV, NH, NJ, NY, NC, PA, TN, TX, VA, WA, WV, WI, WY,
Puerto Rico, U.S. Virgin Islands, and Guam.**

If you have specific questions about any conditions noted below please contact your Pace Analytical Representative.

- Proposal expires 60 days from created date above, unless accepted, signed and returned.
- Quoted prices include standard Pace Analytical QA/QC, reporting limits, compound lists and standard report format unless noted otherwise.
- If project specific MS/MSD samples are submitted, they may be billable.
- TAT (Turn-around Time) is in working/business days unless otherwise specified above.
- To ensure requested TAT is available, please coordinate with your Pace Analytical Project Manager at time of sample submittal.
- Any deviation from the above quoted scope of work, including sample arrival date and volume, may result in adjustment of prices.
- Please include Quote Number on Chain-of-Custody to ensure proper billing.
- Pricing includes FedEx Ground delivery of bottle/sample kits and coolers.
- Charges will apply for non-standard shipping and for projects where shipping exceeds 10% of the total analytical costs of the shipment.
- Sample containers can't be reused by the lab once they have been distributed to a client. Pace reserves the right to charge for returned unused containers.
- Disposal fees apply to all samples placed on hold and not analyzed.
- Samples are retained by Pace for 30 days after sample receipt.

We appreciate the opportunity to be of service to you.

Please call Paul Jackson at 813-731-1595 for questions concerning this quote.

Pace Analytical Services, Inc.

8 East Tower Circle
Ormond Beach, FL 32174
386.672.5668
fax 386.673.4001



Pace Analytical Services, Inc. - TERMS & CONDITIONS

1. **Controlling Provisions** - These Standard Terms and Conditions ("Terms") govern the agreed-upon services (the "Project") that Pace Analytical _____ ("Pace") will perform on behalf of _____ ("Client") (collectively, the Parties) and superseded any other written provisions (including purchase/work orders) related to the Project, as well as prior discussions, courses of dealing, or performance.

2. **Warranty** - Pace hereby warrants that it will: 1) conduct all tests and observations using the protocols and laboratory procedures as specified in accepted task orders, scopes of work, proposals, or written instructions ("Contract Paperwork"); and 2) uphold the reasonable scientific and engineering standards in effect in the industry at the time the service/s is/are performed. If Client subsequently, including pursuant to an executed amendment, direct different procedures and/or protocols, which may or may not involve the use of any third-party laboratory or contractor, Pace cannot warrant the results and Client shall hold Pace harmless from all claims, damages, and expenses arising from Client's direction.

3. **Data** - Pace will provide Client with data as specified in the Contract Paperwork. Following final report issuance, Pace will retain back-up data for up to three (3) years and final reports for up to five (5) years. Pending Client's payment in full for Pace's contracted services, Pace may retain any Client data not already released.

4. **Intellectual Property/Ownership** - Pace shall retain sole ownership of any new method, procedure, or equipment it develops or discovers while performing services pursuant to the Contract Paperwork.

5. **Non-competition** - Client shall not solicit or recruit Pace personnel for at least 12 months following the termination of the Project governed by these Terms.

6. **Sample Delivery, Acceptance, and Containers** - Client shall provide Pace with at least 10 business days' prior written notice of the delivery of any sample(s). Within 72 hours following Client's notice, Pace shall issue a written rejection of the sample(s) or its acceptance may be presumed. Notwithstanding the foregoing, Client shall remain liable for any loss or damage to the sample(s) until Pace evidences its acceptance on the chain of custody documents. Pace reserves the right to charge for any sample container(s) that are: a) provided to, but not used, by Client; or b) received by Pace, but not analyzed at Client's request.

7. **Sample Storage and Disposal** - Pace shall dispose of any non-hazardous sample(s) within 30 days following the issuance of Client's final report. In addition, Pace may return, and Client must accept, any/all highly hazardous, acutely toxic, or radioactive sample(s), sample containers, and residues, as well as any/all sample(s) for which no approved method of disposal exists.

8. **Non-Assignment** - Neither party may assign or transfer any rights or obligations existing under these Terms without prior written notice to the other party, except that Pace may, without notice to its Client: a) transfer the Project to another Pace laboratory; or 2) subcontract the Project to a third-party laboratory.

9. **Time of Completion; Force Majeure** - Pace shall use its best efforts to accomplish the Project within any specified time limitations. Pace shall not be held responsible for any non-performance or delay caused by Client, Client's employee, agents, or contractors, or factors or events beyond Pace's control, such as government shutdowns, natural disasters, labor strikes or acts of God.

10. Compensation -

a) The pricing offered to Client by Pace is predicated upon Client's acceptance of these Terms. In most cases, the pricing includes all sample containers and preservatives as prescribed by the analytical method requested for each determination. Credit worthiness will be determined based upon an assessment of Client's payment history, credit reports, financial stability, and/or other factors. If Pace is serving as a subcontractor for Client, Pace may seek and receive information about the Prime Client prior to granting credit. If credit is not granted, Client must pay Pace prior to initiation of the Project.

b) Client agrees to pay for services as documented by Pace and accepted by Client. Payment terms for uncontested invoice items are net 30 days. Client must notify Pace in writing within 15 days of its receipt of the invoice in order to suspend its payment and interest obligations for any disputed invoice items pending resolution. Beginning 30 days after the invoice date, Pace may charge interest on all unpaid and undisputed balances at the rate of 1.5% per month, not to exceed the maximum rate allowed by law. Client may ask Pace to invoice a third party, although Client shall remain ultimately responsible for the payment of any outstanding balance.

c) Client's failure to pay within 60 days of Pace's dated invoice shall constitute a material breach of these Terms, for which Pace may terminate all of its duties hereunder without liability. If Pace must subsequently take action to collect payment, Client shall pay all associated costs thereof, including attorneys' fees. Any significant changes to the scope of work following the submittal of a price quotation or the delivery of samples to the laboratory are subject to a renegotiation of prices and/or terms relating to the original scope of work. Qualifying changes may include, but are not limited to: QA/QC requirements and procedures; detection limits; samples received and stored, but not analyzed; a decrease in quantity of samples delivered compared to quantity quoted; and reporting and other deliverable format requirements. Pace shall not be required to comply with such changes unless Pace agrees to them in writing.

11. **Risk Allocation and Damages** - Client accepts that the Project may involve inherent risks and that Pace cannot always guarantee satisfactory results. Notwithstanding the foregoing, if a court of competent jurisdiction finds that Pace failed to meet applicable standards and if Client suffers damages as a result, Pace's aggregate liability for its negligence or unintentional breach of contract shall not exceed the total fee paid for its services.

This limitation shall not apply to losses arising from Pace's negligence or willful misconduct, so long as:

a) Client notifies Pace within: 30 days from the date of discovery of Pace's claimed negligence or misconduct; or two years from the date of the Client's claimed losses; and
b) Pace is allowed to investigate and, insofar as possible, mitigate Client's claimed losses.

Neither Pace nor Client shall be liable to the other for special, incidental, consequential, or punitive losses, except as allowed in Section 12. Client Responsibilities below.

Pace Analytical Services, Inc.

8 East Tower Circle

Ormond Beach, FL 32174

386.672.5668

fax 386.673.4001



Pace Analytical Services, Inc. - TERMS & CONDITIONS - Continued

12. Client Responsibilities - Client shall:

- a) Provide Pace with full and complete information about all known or reasonably knowable factors that could affect Pace's ability to perform its obligations, and promptly notify Pace if it discovers same following Project initiation;
 - b) Enable access by Pace personnel and/or subcontractor to any site where Pace is to perform work, and to all Client personnel who are critical to the success of the Project;
 - c) Obtain, on behalf of Pace, any authority or permission required by any third party;
 - d) Provide Pace with at least 10 business day's notice of any known or reasonably knowable delay regarding the start-up, progress, or completion to the Project; and
 - e) Pay for Pace's reasonable costs to perform any out-of-scope services, such as compliance audits, responding to subpoenas, etc.
- If Client defaults on any of these responsibilities and Pace incurs labor and/or material costs as a result, Client shall reimburse Pace for its actual expenses, as well as any lost profits directly attributable to Client's default.

13. Indemnification - Pace shall indemnify and hold Client harmless from and against any demands, losses, damages, and expenses caused by Pace's negligence or willful misconduct, as well as by the negligence and willful misconduct by persons for whom Pace is legally responsible. Client shall likewise indemnify and hold Pace harmless from and against the demands, losses, damages, and expenses caused by Client's negligence or willful misconduct, including Client's use of Pace's name and/or registered mark for anything other than the specific purpose for which it was intended. In addition, Client shall fully indemnify Pace from and against any and all claims by a third party, as well as for all related losses, costs, fees, damages, liabilities or expenses arising out of or relating to Client's breach of these Terms or its violation of applicable laws.

14. Insurance - Pace carries liability insurance with limits as follows:

General Liability - \$1,000,000 each occurrence; \$2,000,000 general aggregate;
Personal and Advertising Injury - \$1,000,000;
Automobile Liability - \$1,000,000 combined single limit;
Excess Liability Umbrella - \$5,000,000 aggregate; \$5,000,000 each occurrence;
Worker's Compensation Insurance - statutory limits; and
Professional Liability - \$5,000,000 aggregate, \$5,000,000 per claim
Pace will, at Client's request, submit certificates of insurance showing limits of coverage.

15. Amendments/Change Orders - Any attempt to modify, vary, supplement, or clarify any provision of these Terms is of no effect unless reduced to writing and signed by both Parties. Any such changes may increase the amount due Pace and affect Pace's obligations towards Client (see Section 2. Warranty).

16. Confidentiality - Each party agrees that if, during the performance of the Project, it becomes aware of any confidential or proprietary information of the other, it will not disclose such information except to those employees, subcontractors, or agents who have expressly agreed to maintain confidentiality.

17. Miscellaneous Provisions -

- a) These Terms supersede all prior negotiations and agreements, written or oral, between Pace and Client with respect to this matter; In no event will other terms - excepting those contained in any individual task order(s) relating to this matter - be considered part of these Terms.
- b) In the absence of an executed agreement between the Parties, the delivery of any sample(s) to a Pace laboratory will constitute acceptance of these Terms by Client.
- c) These Terms shall be construed and interpreted in accordance with the laws of the State of Minnesota without giving effect to the principles of conflicts of law thereof.
- d) Client may publicly identify Pace's role as its testing laboratory so long as it immediately retracts or eliminates all such references upon termination of these Terms or Pace's written request.
- e) For purposes of these Terms, the Parties may use and rely upon electronic signatures and documents for the execution and delivery of these Terms and any amendments, notices, records, disclosures, or other documents of any type sent or received in accordance with these Terms.
- f) Pace is an Independent contractor; no employer/employee relationship shall arise as a result of the Project.
- g) These Terms shall be binding upon, and inure to the benefit of, the Parties and their respective successors and assigns.

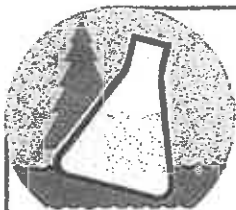
Additional Pricing Considerations:

I have read and understand these terms and conditions:

Printed Name: _____

Signature: _____

Date: _____



NORTHERN LAKE SERVICE, INC.

Analytical Laboratory and Environmental Services

400 North Lake Avenue • Crandon, WI 54520-1298

Tel: (715) 478-2777 • Fax: (715) 478-3060

LABORATORY SERVICES QUOTATION

Little Chute Waterworks
Attn: Jerry Verstegen
108 West Main Street
Little Chute WI 54140-

QUOTATION: 124794
CLIENT: 89122
DATE: 01/23/2018
PHONE: 920-788-7522
FAX: 920-788-7523

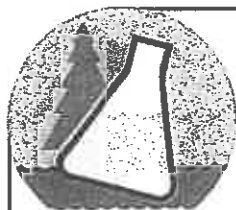
PROJECT UCMR4 Quote - Ground Water System
EFFECTIVE 01/23/2018 THROUGH 12/31/2020

(1) Entry Point - 2 Sampling Events (semi-annual)	Qty	Price	Total
UCMR4 - Metals by Method 200.8 (Ge and Mn)	6	\$72.00	\$432.00
Pesticides - EPA Method 525.3	6	\$297.00	\$1782.00
Alcohols - EPA Method 541	6	\$261.00	\$1566.00
SVOCs - EPA Method 530	6	\$283.50	\$1701.00
Subtotal:			\$5481.00

(2) DSMRI Sample - 2 Sampling Events (semi-annual)	Qty	Price	Total
HAA9 - EPA Method 552.3	4	\$157.50	\$630.00
Subtotal:			\$630.00

(3) Source Water - 2 Sampling Events (semi-annual)	Qty	Price	Total
Total Organic Carbon (TOC)	6	\$45.00	\$270.00
Bromide, as Br- (unfiltered)	6	\$45.00	\$270.00
Subtotal:			\$540.00

Data Reporting and Shipping	Qty	Price	Total
EDD - UCMR4 Reporting/USEPA SDWARS/CDX	2	\$0.00	\$0.00
Sample transport - Prepaid Return UPS Next Day Air Labels	2	\$0.00	\$0.00
Subtotal:			\$0.00
Total:			\$6651.00



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PHONE: 920-788-7522
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PROJECT UCMR4 Quote - Ground Water System
EFFECTIVE 01/23/2018 THROUGH 12/31/2020

Other Information

Prices include shipping kits to your site, return shipping labels (Next Day Air).

Subject to Northern Lake Service Standard Terms and Conditions

Submitted by: Tracy Huber

Signature:

PWS: W14450338 / Little Chute Waterworks

Fac ID	Fac Name	Fac Type	Water Type	SP ID	SP Name	SP Type	Monitoring	SE1	SE2	SE3	SE4	SE5	SE6	SE7	SE8
00001	Well #1	TP	GW	1	Booster Pump #1	EP	AM1	Nov 2018	May 2019						
00003	Well #3	TP	GW	3	Booster Pump #3	EP	AM1	Nov 2018	May 2019						
00004	Well #4	TP	GW	4	Booster Pump #5	EP	AM1	Nov 2018	May 2019						
00005	1901 E Main Street	DS	GW	B4	1901 E Main Street	DS	AM2	Nov 2018	May 2019						
00006	1607 Hamilton Ct	DS	GW	B7	1607 Hamilton Ct	DS	AM2	Nov 2018	May 2019						
00007	Well # 1	IN	GW	W1	Well # 1	SR	AM2	Nov 2018	May 2019						
00009	Well # 4	IN	GW	W4	Well # 4	SR	AM2	Nov 2018	May 2019						
00010	Well # 3	IN	GW	W3	Well # 3	SR	AM2	Nov 2018	May 2019						

3EP
3Raw
2Dist



MIDWEST CONTRACT OPERATIONS, INC.
P.O. BOX 418 MENASHA, WI 54952-0418

Monthly Superintendent Report/Update

To: Village of Little Chute Water Commission
From: Jerry Verstegen, Water Utility Supt. (MCO)
Month of: July 2018

Updates for current, past and ongoing Water Department projects and areas of concern:

1. Plants/Treatment

- Well # 4 Break down, please see "Event Log"
- Well # 4, Booster # 5 have been pulled and we are waiting on new pump to be installed.
- Pulled well #4 due to emergency failure
- Cleaned brine tanks at pump house #2, please see "Event Log"
- Installed new dehumidifier at Well # 4.
- Current issues with slow rinse Aquamatic valve, we are currently working on replacing valve and adding a new mag meter to the slow rinse line at Well # 4.

2. Distribution

- Replaced hydrant at Wisconsin and Hayes
- Found and fixed two water main breaks on Taylor Street.

3. Meters

- Residential meter changes continue.
- Large amount of meter testing is taking place.

4. General Water

- The weekly Chloride testing at Well # 1 has come to an end, the Department will need to perform quarterly sampling moving forward.
- Department had a meeting with Darboy to discuss salt issues, will update at meeting.

Jerry Verstegen (920-858-7477)

2018 Pumpage Totals

8/22/2018

	Pumpage x 1000								Waste Discahrge x 1000								Blend and Pumpage %					
	Well Pumps			Booster Pumps			Well	Booster	Storm			Sanitary			Storm	Sanitary	Blend %			% Pumped by Plant		
	# 1	# 3	# 4	# 1	# 3	# 4	Totals	Totals	# 1	# 3	# 4	# 1	#3	# 4	Totals	Totals	# 1	# 3	# 4	# 1	# 3	# 4
1-Jul	756	39	527	690	73	511	1,322	1,274	24	0		29	0	44	24	73	11.90%	16.39%	11.16%	57.2%	3.0%	39.9%
2-Jul	88	715	494	114	643	531	1,297	1,288	0	16		0	49	44	16	93	11.36%	16.02%	12.12%	6.8%	55.1%	38.1%
3-Jul	770	56	460	710	46	520	1,286	1,276	19	0		23	0	34	19	57	11.82%	15.87%	11.93%	59.9%	4.4%	35.8%
4-Jul	98	748	426	95	725	480	1,272	1,300	0	17		0	49	39	17	88	12.24%	16.44%	12.11%	7.7%	58.8%	33.5%
5-Jul	95	724	548	117	660	556	1,367	1,333	5	17		5	48	44	22	97	11.58%	16.11%	12.13%	6.9%	53.0%	40.1%
6-Jul	773	0	475	716	0	566	1,248	1,282	24	0		29	0	44	24	73	11.77%		12.25%	61.9%	0.0%	38.1%
7-Jul	703	0	542	675	0	528	1,245	1,203	19	0		0	0	44	19	44	11.95%		12.06%	56.5%	0.0%	43.5%
8-Jul	263	787	548	253	750	588	1,598	1,591	5	17		28	49	44	22	121	11.79%	16.28%	11.61%	16.5%	49.2%	34.3%
9-Jul	982	84	496	995	60	675	1,562	1,730	29	16		32	33	44	45	109	11.81%	14.88%	10.38%	62.9%	5.4%	31.8%
10-Jul	1,417	157	0	1,410	195	0	1,574	1,605	39	19		44	52	0	58	96	11.57%	20.77%		90.0%	10.0%	0.0%
11-Jul	1,176	618	0	1,042	567	0	1,794	1,609	34	5		42	18	0	39	60	11.82%	15.20%		65.6%	34.4%	0.0%
12-Jul	66	1,340	0	68	1,258	0	1,406	1,326	0	27		0	48	0	27	48	12.12%	16.35%		4.7%	95.3%	0.0%
13-Jul	837	681	0	799	640	0	1,518	1,439	24	17		27	29	0	41	56	11.71%	16.09%		55.1%	44.9%	0.0%
14-Jul	698	616	0	692	558	0	1,314	1,250	19	16		24	29	0	35	53	11.89%	14.95%		53.1%	46.9%	0.0%
15-Jul	807	705	0	753	693	0	1,512	1,446	20	6		23	9	0	26	32	11.90%	14.49%		53.4%	46.6%	0.0%
16-Jul	928	743	0	955	686	112	1,671	1,753	29	17		31	30	97	46	158	11.75%	15.87%		55.5%	44.5%	0.0%
17-Jul	875	757	0	782	714	0	1,632	1,496	24	16		31	29	0	40	60	11.89%	16.43%		53.6%	46.4%	0.0%
18-Jul	866	640	0	890	610	0	1,506	1,500	19	11		23	19	0	30	42	11.89%	16.24%		57.5%	42.5%	0.0%
19-Jul	633	1,076	78	597	991	0	1,787	1,588	24	27		28	48	45	51	121	11.85%	15.85%	17.68%	35.4%	60.2%	4.4%
20-Jul	487	1,005	146	439	980	0	1,638	1,419	15	17		17	29	0	32	46	11.91%	15.34%	4.00%	29.7%	61.4%	8.9%
21-Jul	503	907	0	490	811	0	1,410	1,301	14	16		9	28	0	30	37	11.73%	15.61%		35.7%	64.3%	0.0%
22-Jul	441	887	0	453	848	0	1,328	1,301	5	16		13	29	0	21	42	11.79%	15.55%		33.2%	66.8%	0.0%
23-Jul	311	938	135	299	934	239	1,384	1,472	10	27		12	39	15	37	66	11.58%	15.63%	3.94%	22.5%	67.8%	9.8%
24-Jul	467	1,184	118	413	1,092	0	1,769	1,505	14	17		17	37	0	31	54	11.99%	15.72%	4.05%	26.4%	66.9%	6.7%
25-Jul	299	1,027	175	308	956	243	1,501	1,507	5	22		5	38	30	27	73	11.71%	15.39%	5.09%	19.9%	68.4%	11.7%
26-Jul	484	951	0	483	858	0	1,435	1,341	15	16		17	29	0	31	46	11.78%	15.59%		33.7%	66.3%	0.0%
27-Jul	484	880	0	463	892	0	1,364	1,355	14	22		17	31	0	36	48	11.78%	15.75%		35.5%	64.5%	0.0%
28-Jul	483	957	0	436	849	0	1,440	1,285	15	21		17	55	0	36	72	12.01%	16.06%		33.5%	66.5%	0.0%
29-Jul	1,330	78	0	1,332	60	0	1,408	1,392	39	0		39	0	0	39	39	11.88%	14.23%		94.5%	5.5%	0.0%
30-Jul	1,183	0	212	1,119	0	224	1,395	1,343	29	0		40	0	30	29	70	11.83%		4.63%	84.8%	0.0%	15.2%
31-Jul	1,062	0	201	1,001	0	290	1,263	1,291	29	0		34	0	14	29	48	11.86%		4.30%	84.1%	0.0%	15.9%
Avg	657	623	180	632	585	196	1,460	1,413	18			21		20	32	68	11.8%	15.9%	9.3%	45.0%	41.9%	13.1%
Total	20,365	19,300	5,581	19,589	18,149	6,063	45,246	43,801	561			656		613	979	2,123						

2018 Treatment Totals

8/22/2018

	Chemical Pounds									Doseage					
	Chlorine			Silicate			Salt			Chlorine			Silicate		
	# 1	# 3	# 4	# 1	# 3	# 4	# 1	# 3	# 4	# 1	# 3	# 4	# 1	# 3	# 4
1-Jul	58.4	4.4	41.6	196	16	247	4,420	0	5,980	1.16	1.69	1.18	9.17	14.51	16.58
2-Jul	7	60.4	38.8	22	246	220	0	5,980	5,720	1.19	1.27	1.18	8.84	12.17	15.75
3-Jul	60.6	4.8	34.8	204	18	208	3,640	0	3,900	1.18	1.28	1.13	9.37	11.37	15.99
4-Jul	8.4	60.8	34	26	264	208	0	5,720	5,980	1.28	1.22	1.20	9.38	12.48	17.27
5-Jul	7	64.2	43.8	30	266	259	1,040	5,720	5,720	1.10	1.33	1.20	11.17	13.00	16.72
6-Jul	60.2	0	36.8	220	0	219	4,420	0	5,980	1.17		1.16	10.07		16.31
7-Jul	55	0	43	202	0	260	3,640	0	5,720	1.17		1.19	10.16		16.97
8-Jul	20.4	64.8	43.2	76	274	247	1,040	5,980	5,720	1.16	1.23	1.18	10.22	12.31	15.94
9-Jul	76.8	7	39.6	266	40	233	5,460	6,240	5,980	1.17	1.25	1.20	9.58	16.84	16.62
10-Jul	112.2	13.8	0	380	58	0	7,280	5,720	0	1.19	1.32		9.49	13.07	
11-Jul	93	50.8	0	296	212	0	6,500	1,820	0	1.19	1.23		8.90	12.13	
12-Jul	5.2	114.4	0	22	480	0	0	7,800	0	1.18	1.28		11.79	12.67	
13-Jul	66	59.4	0	208	234	0	4,420	4,680	0	1.18	1.31		8.79	12.15	
14-Jul	56	54.2	0	190	228	0	3,640	4,420	0	1.20	1.32		9.63	13.09	
15-Jul	64.4	60	0	206	242	0	3,640	1,820	7,020	1.20	1.28		9.03	12.14	
16-Jul	73.2	62.4	1.4	240	258	0	5,460	4,420	11,700	1.18	1.26		9.15	12.28	
17-Jul	69	64.8	0	214	264	0	4,680	4,680	0	1.18	1.28		8.65	12.34	
18-Jul	68.8	52	0	212	306	0	3,640	3,120	0	1.19	1.22		8.66	16.91	
19-Jul	49.4	91.8	0.2	150	378	13	4,420	7,800	5,720	1.17	1.28	0.04	8.38	12.43	5.90
20-Jul	37	86.2	12.2	118	360	77	2,860	4,680	0	1.14	1.29	1.25	8.57	12.67	18.65
21-Jul	39	79.2	0	124	324	0	2,600	4,680	0	1.16	1.31		8.72	12.64	
22-Jul	34.4	81	0	116	327	0	1,040	4,680	0	1.17	1.37		9.30	13.04	
23-Jul	24.4	84.4	10	84	327	40	1,820	6,500	2,080	1.18	1.35	1.11	9.55	12.33	10.48
24-Jul	36.2	106	7	122	410	39	2,860	5,980	0	1.16	1.34	0.89	9.24	12.25	11.69
25-Jul	23.4	92.8	6.6	82	374	51	780	5,980	3,900	1.17	1.35	0.57	9.70	12.88	10.31
26-Jul	38.4	87.4	0	126	334	0	2,860	4,680	0	1.19	1.38		9.21	12.42	
27-Jul	36.8	78.8	0	120	302	0	2,600	6,240	0	1.14	1.34		8.77	12.14	
28-Jul	38.2	59.8	0	126	340	0	2,860	6,240	0	1.19	0.94		9.23	12.57	
29-Jul	105	3.4	0	342	22	0	7,280	0	0	1.18	0.65		9.10	9.98	
30-Jul	95	0	9	286	0	66	5,460	0	3,900	1.20		0.64	8.55		11.01
31-Jul	83.2	0	8.4	254	0	38	5,460	0	1,820	1.17		0.63	8.46		6.69
Avg	51.7	53.2	13.2	169.7	222.7	78.2	3,414	4,051	2,801	1.2	1.3	1.0	9.3	12.8	13.9
Total	1,602.0	1,649.0	410.4	5,260.0	6,904.0	2,425.0	105,820	125,580	86,840	36.5	34.4	15.7	288.8	344.8	222.9

2018 System Samples

8/22/2018

Date	North West						North East						South West						South East					
Week	Total	Free	Ph	Hard	Silc	Iron	Total	Free	Ph	Hard	Silc	Iron	Total	Free	Ph	Hard	Silc	Iron	Total	Free	Ph	Hard	Silc	Iron
01/01/18	0.40	0.33	7.4	7.0	10.0	0.33	0.40	0.34	7.5	5.0	12.0	0.09	0.50	0.42	7.5	5.0	14.0	0.42	0.52	0.46	7.4	6.0	10.0	0.07
01/08/18	0.41	0.32	7.3	24.0	19.0	0.19	0.42	0.33	7.4	16.0	23.0	0.04	0.52	0.41	7.4	4.0	18.0	0.01	0.72	0.56	7.3	15.0	11.0	0.28
01/15/18	0.44	0.37	7.4	9.0	10.0	0.07	0.58	0.49	7.4	7.0	13.0	0.14	0.70	0.61	7.3	4.0	13.0	0.05	0.50	0.42	7.4	7.0	15.0	0.08
01/22/18	0.49	0.41	7.5	8.0	12.0	0.07	0.51	0.39	7.5	13.0	13.0	0.03	0.47	0.36	7.3	14.0	14.0	0.03	0.54	0.50	7.4	9.0	17.0	0.01
01/29/18	0.58	0.51	7.5	8.0	15.0	0.01	0.58	0.47	7.4	7.0	19.0	0.10	0.77	0.63	7.3	5.0	15.0	0.18	0.71	0.61	7.5	5.0	17.0	0.12
02/05/18	0.62	0.55	7.4	7.0	17.0	0.03	0.68	0.59	7.5	4.0	17.0	0.03	0.79	0.67	7.3	4.0	14.0	0.02	0.77	0.67	7.6	4.0	12.0	0.10
02/12/18	0.50	0.39	7.7	9.0	12.0	0.01	0.41	0.35	7.7	9.0	11.0	0.02	0.87	0.75	7.4	5.0	16.0	0.02	0.76	0.65	7.4	4.0	11.0	0.01
02/19/18	0.42	0.32	7.5	9.0	18.0	0.04	0.30	0.59	7.5	7.0	13.0	0.01	0.72	0.60	7.4	4.0	15.0	0.01	0.54	0.42	7.3	8.0	19.0	0.01
02/26/18	0.52	0.48	7.4	8.0	14.0	0.10	0.44	0.39	7.5	7.0	15.0	0.04	0.62	0.50	7.3	5.0	18.0	0.06	0.48	0.40	7.5	6.0	12.0	0.06
03/05/18	0.50	0.40	7.3	8.0	14.0	0.20	0.50	0.42	7.4	4.0	10.0	0.14	0.57	0.47	7.4	5.0	10.0	0.15	0.65	0.52	7.4	4.0	10.0	0.22
03/12/18	0.44	0.35	7.5	17.0	14.0	0.15	0.40	0.31	7.7	10.0	15.0	0.10	0.53	0.41	7.6	8.0	15.0	0.12	0.70	0.58	7.6	4.0	14.0	0.18
03/19/18	0.48	0.38	7.3	8.0	15.0	0.19	0.58	0.42	7.2	9.0	16.0	0.13	0.93	0.84	7.4	4.0	17.0	0.02	0.54	0.45	7.4	7.0	17.0	0.15
03/26/18	0.42	0.38	7.3	8.0	21.0	0.19	0.19	0.10	7.4	5.0	23.0	0.05	0.38	0.32	7.4	5.0	21.0	0.19	0.45	0.35	7.4	7.0	18.0	0.12
04/02/18	0.51	0.47	7.4	7.0	18.0	0.12	0.21	0.19	7.4	7.0	20.0	0.11	0.25	0.21	7.5	6.0	16.0	0.13	0.47	0.44	7.5	7.0	15.0	0.15
04/09/18	0.42	0.37	7.6	10.0	17.0	0.13	0.57	0.45	7.4	10.0	14.0	0.13	0.50	0.40	7.2	15.0	16.0	0.23	0.52	0.43	7.4	9.0	17.0	0.24
04/16/18	0.72	0.61	7.5	8.0	11.0	0.11	0.72	0.60	7.5	9.0	12.0	0.19	0.69	0.59	7.3	6.0	14.0	0.17	0.68	0.58	7.5	8.0	19.0	0.17
04/23/18	0.52	0.37	7.3	7.0	8.0	0.06	0.61	0.55	7.2	4.0	7.0	0.01	0.83	0.67	7.3	4.0	8.0	0.04	0.65	0.53	7.3	4.0	16.0	0.02
04/30/18	0.42	0.31	7.4	13.0	15.0	0.01	0.49	0.40	7.4	8.0	17.0	0.18	0.79	0.73	7.4	7.0	18.0	0.03	0.49	0.39	7.4	8.0	17.0	0.09
05/07/18	0.49	0.41	7.5	8.0	12.0	0.07	0.51	0.39	7.5	13.0	13.0	0.03	0.47	0.36	7.3	14.0	14.0	0.03	0.54	0.50	7.4	9.0	17.0	0.01
05/14/18	0.50	0.41	7.3	8.0	15.0	0.07	0.48	0.40	7.2	5.0	15.0	0.12	0.60	0.51	7.3	7.0	13.0	0.08	0.45	0.32	7.6	7.0	15.0	0.12
05/21/18	0.42	0.35	7.6	7.0	19.0	0.14	0.66	0.53	7.4	4.0	16.0	0.14	0.51	0.45	7.3	4.0	16.0	0.12	0.59	0.47	7.4	4.0	19.0	0.11
05/28/18	0.54	0.43	7.4	4.0	20.0	0.22	0.56	0.42	7.5	7.0	15.0	0.07	0.62	0.50	7.3	4.0	17.0	0.13	0.53	0.46	7.5	5.0	17.0	0.10
06/04/18	0.39	0.28	7.4	7.0	18.0	0.03	0.34	0.29	7.3	7.0	15.0	0.03	0.79	0.52	7.5	3.0	17.0	0.11	0.37	0.32	7.4	4.0	16.0	0.01
06/11/18	0.52	0.46	7.6	8.0	12.0	0.01	0.37	0.32	7.6	7.0	14.0	0.02	0.70	0.65	7.4	4.0	16.0	0.01	0.61	0.51	7.5	5.0	10.0	0.07
06/18/18	0.31	0.19	7.1	13.0	15.0	0.12	0.23	0.19	7.3	7.0	19.0	0.16	0.32	0.29	7.3	9.0	17.0	0.14	0.25	0.17	7.4	8.0	14.0	0.12
06/25/18	0.44	0.39	7.4	7.0	13.0	0.12	0.44	0.37	7.4	4.0	22.0	0.18	0.40	0.32	7.3	4.0	22.0	0.07	0.31	0.27	7.4	6.0	23.0	0.08
07/02/18	0.38	0.32	7.3	5.0	18.0	0.09	0.37	0.31	7.5	4.0	19.0	0.11	0.68	0.58	7.4	4.0	20.0	0.09	0.31	0.29	7.4	5.0	18.0	0.13
07/09/18	0.48	0.36	7.3	13.0	19.0	0.19	0.44	0.33	7.5	12.0	24.0	0.13	0.40	0.34	7.4	12.0	6.0	0.22	0.41	0.32	7.5	8.0	17.0	0.17
07/16/18	0.76	0.64	7.5	6.0	16.0	0.14	0.42	0.32	7.4	4.0	18.0	0.31	0.53	0.44	7.5	4.0	13.0	0.22	0.52	0.42	7.4	4.0	19.0	0.06
07/23/18	0.44	0.37	7.5	7.0	13.0	0.10	0.48	0.40	7.4	7.0	18.0	0.10	0.35	0.26	7.2	7.0	13.0	0.11	0.48	0.45	7.3	7.0	16.0	0.14
07/30/18	0.54	0.48	7.6	10.0	14.0	0.15	0.34	0.29	7.3	7.0	14.0	0.06	0.50	0.46	7.3	6.0	14.0	0.10	0.45	0.39	7.4	5.0	18.0	0.17

2018 PUMPING AND WASTE REPORT

	Pump age x 1000								Waste Discharge x 1000										
	Well Pumps			Booster Pumps			Well	Booster	Storm			Sanitary			Pounds of Chloride			Storm	Sanitary
	Well # 1	Well # 3	Well # 4	Well # 1	Well # 3	Well # 4	Totals	Totals	Well # 1	Well # 3	Well # 4	Well # 1	Well # 3	Well # 4	Well # 1	Well # 3	Well # 4	Totals	Totals
Jan-18	11,778	9,568	14,211	11,409	8,977	15,531	35,557	35,917	331	199	0	604	607	1,004	37,694	42,110	87,532	530	2,215
Feb-18	9,185	10,290	10,807	8,800	9,708	11,768	30,282	30,276	248	203	0	332	630	766	28,231	44,634	67,976	451	1,728
Mar-18	11,593	9,828	11,738	11,179	9,202	12,798	33,159	33,179	325	172	0	379	597	855	37,063	42,110	74,442	497	1,831
Apr-18	13,089	8,743	11,623	12,583	8,224	12,701	33,455	33,508	363	193	0	424	575	842	41,479	41,164	71,603	556	1,841
May-18	16,181	10,089	13,139	15,604	9,457	14,356	39,409	39,417	444	209	0	522	636	985	50,942	44,634	81,539	653	2,143
Jun-18	14,500	13,696	14,141	13,970	12,728	15,363	42,337	42,061	401	271	0	470	804	1,251	46,053	57,409	91,160	672	2,525
Jul-18	20,365	19,300	5,581	19,589	18,149	6,063	45,246	43,801	561	418	0	656	854	613	64,190	76,177	52,677	979	2,123
Aug-18																			
Sep-18																			
Oct-18																			
Nov-18																			
Dec-18																			
Average	13,813	11,645	11,606	13,305	10,921	12,654	37,064	36,880	382	238	0	484	672	902	43,665	49,748	75,276	620	2,058
Total	96,691	81,514	81,240	93,134	76,445	88,580	259,445	258,159	2,673	1,665	0	3,387	4,703	6,315	305,654	348,237	526,929	4,338	14,405

2018 Commission Summary

8/22/2018

Month	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Meter Change: 3/4" Model 25		1	12	22	24	74	67						200
Meter Change: 1" Model 40						1							1
Meter Change: 1 1/2" Model 120													0
Meter Change: 2" Model 170													0
Meter Tested: 3/4" Model 25					28	91	70						189
Meter Tested: 1" Model 40													0
Meter Tested: 1 1/2" Model 120			25										25
Meter Tested: 2" Model 170		18											18
Meter Tested: 3"	9												9
Meter Tested: 4"	5	1			2								8
Meter Tested: 6"					1								1
Plant Meter Tested													0
New Install: 3/4" Model 25	3	8	2	9		2							24
New Install 1" Model 40													0
New Install 1 1/2" Model 120	1	1				1	1						4
New Install 2" Model 170													0
New Install 3" or 4" CMPD													0
Final Reads	60	26	62	65		68	65						346
High/Low Work Orders	23	32	16	9		50	102						232
Customer Concerns (Water Quality)			1										1
Water Main Break	2			1	4	2							9
Service Repair (Leaks,break,etc)	1	1		1									3
Valve Repair (Repair, replace)													0
Hydrant Repair (Repair,service,replace)	1				1	1	1						4
Valves Exercised	8			5	6	271	7						297
Hydrants Flushed	2			1	572	5	2						582
Residential Cross Connection Inspections			12	22	24	74	67						199
Commercial Cross Connection Inspections			80										80
Plant PM Work Orders													0
DNR Water Samples	13	10	10	10	13	10	13						79
In-House Water Samples	28	28	28	35	28	28	28						203



Engineering Department &
Department of Public Works
Monthly Utility Commission
Report for July 2018

Sanitary Sewer

Engineering Installed information:

Village contractor installed 2181 LF of sanitary lateral.

Street Notes:

- Routine Sewer checks.
- Rebuilt chimneys on three sanitary manholes.
- 2018 preventative maintenance jetting.
- Sewer back up 2520 Riverside Dr. (homeowners lateral).

Storm Sewer

Engineering Installed information:

Village contractor installed 283 LF of 42 inch of storm main, 32 LF of 15 inch storm main, 1496 LF of 12 inch storm sewer, two 6 foot storm manholes, seven 4 foot storm manholes, 1263 LF of 4 inch storm lateral, and 12 storm inlets.

Street Notes:

- Rebuilt two storm inlets - top end only.
- Was called out to replace lid on storm sewer manhole. Resident stated it happens often. After inspecting a downstream manhole our findings were that the line is heavily restricted with roots.

Storm Ponds

Street Notes:

- Hand pulled Queen Ann Lace and Mustard weed.
- Checked pumps.
- Cleaned trash racks.
- Mow radius around Buchanan pond.

Water

Street Notes:

- Restoration of hot mix from past water breaks.

Engineering Notes:

Evergreen Drive Design

Survey work for W. Evergreen Drive for an urban road section is complete and the design for the proposed storm sewer will begin shortly.

Wilson Street & Hayes Street Paving and Utility Projects 2018

All Utility Construction is completed for Hayes and Wilson Streets. The Downtown Storm Sewer Project has begun and will continue through the Months of July and August. Updates to the schedule will be provided as the work proceeds.



Storm manhole installation for
Downtown Storm Sewer Project

GIS Utility Revision

Engineering staff continues to update the utility data base to improve accessibility and reliability of our information for public utilities. The Engineering Department staff is thankful for the dedication and effort of our summer interns DeLeah Willman and Josh LeNoble who devoted much of their time to survey collection of Village utilities. Our summer interns are currently using excel spreadsheets to help manage the information they have collected in preparation for GIS implementation. DeLeah and Josh will be ending their summer employment with the Village the last week in August. Good luck in school to both!



2018 Summer Interns
Josh LeNoble (UW–Madison) and DeLeah Willman (UW-Platteville)

UTILITY COMMISSION

August 21, 2018



Utility Bills List

August 21, 2018

The above payments are recommended for approval on August 21, 2018. \$ 193,193.50

Rejected: _____

UTILITY INVOICES PAID WITH VILLAGE BILLS - JULY 13 - JULY 31 \$ 262,036.22

UTILITY INVOICES PAID WITH VILLAGE BILLS - AUGUST 1 - AUGUST 16 \$ 508,494.28

TOTAL \$ 963,724.00

Approved: August 21, 2018

Kevin Coffey, Chairperson

Laurie Decker, Clerk

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
CLEAN WATER TESTING LLC (284)							
146624	Invoi	COLIFORM & E-COLI BACTERIA TEST	19.60	Open	Non		620-53644-204
Total CLEAN WATER TESTING LLC (284):			19.60				
COMPASS MINERALS AMERICA (4500)							
280480	Invoi	BULK COARSE UNTREATED ROCK	2,448.94	Open	Non		620-53634-224
280953	Invoi	BULK COARSE UNTREATED ROCK	2,436.73	Open	Non		620-53634-224
283405	Invoi	BULK COARSE UNTREATED ROCK	2,476.40	Open	Non		620-53634-224
283885	Invoi	BULK COARSE UNTREATED ROCK	2,461.14	Open	Non		620-53634-224
285278	Invoi	BULK COARSE UNTREATED ROCK	2,384.87	Open	Non		620-53634-224
287793	Invoi	BULK COARSE UNTREATED ROCK	2,430.63	Open	Non		620-53634-224
Total COMPASS MINERALS AMERICA (4500):			14,638.71				
DONALD HIETPAS & SONS INC. (209)							
073018	Invoi	REPAIRED WATER BREAK @ 2021 TAYLOR	2,870.03	Open	Non		620-53644-251
080118	Invoi	REPAIRED WATER BREAK @ MOASIS & TAYLOR	1,583.83	Open	Non		620-53644-251
080118-1	Invoi	REPLACED HYDRANT CORNER OF WIS & HAYES	1,428.12	Open	Non		620-53644-254
Total DONALD HIETPAS & SONS INC. (209):			5,881.98				
FARRELL EQUIPMENT & SUPPLY CO INC (4598)							
961873	Invoi	50LB BAG FARRELL VERTICAL PATCH	149.94	Open	Non		630-53442-251
961873	Invoi	50LB BAG FARRELL VERTICAL PATCH	149.94	Open	Non		610-53612-251
Total FARRELL EQUIPMENT & SUPPLY CO INC (4598):			299.88				
FERGUSON ENTERPRISES INC #448 #1020 (2046)							
249161	Invoi	BASS PIPE FITTINGS & STYLE INSETTERS	3,000.80	Open	Non		620-53644-253
Total FERGUSON ENTERPRISES INC #448 #1020 (2046):			3,000.80				
FERGUSON WATERWORKS #1476 (221)							
251552	Invoi	FIRE HYDRANT	2,650.00	Open	Non		620-19204
251552	Invoi	FIRE HYDRANT	50.00	Open	Non		620-53644-254
252226	Invoi	STAINLESS STEEL CLAMP	366.56	Open	Non		620-53644-251
252226	Invoi	TWO COUPLINGS	737.82	Open	Non		620-53644-251
Total FERGUSON WATERWORKS #1476 (221):			3,804.38				
HAWKINS INC (1918)							
4325036	Invoi	AZONE	455.10	Open	Non		620-53634-214
4325036	Invoi	SODIUM SILICATE	2,589.30	Open	Non		620-53634-220
4334678	Invoi	AZONE	688.18	Open	Non		620-53634-214
4334678	Invoi	SODIUM SILICATE	3,106.86	Open	Non		620-53634-220
Total HAWKINS INC (1918):			6,839.44				
HEART OF THE VALLEY (280)							
080618	Invoi	JULY WASTEWATER	118,446.15	Open	Non		610-53611-225
080618	Invoi	FOG CONTROL	134.00	Open	Non		610-53611-204
Total HEART OF THE VALLEY (280):			118,580.15				
MCC INC (480)							
144048	Invoi	3/4" DENSE CRUSHER RUN STONE	98.67	Open	Non		620-53644-251

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
Total MCC INC (480):			98.67				
MCMAHON ASSOCIATES INC (276)							
910763	Invoi	2018 ECOLOGICAL SERVICES	1,042.32	Open	Non		630-53441-204
Total MCMAHON ASSOCIATES INC (276):			1,042.32				
MCO (2254)							
22883	Invoi	AUGUST METER READING	354.16	Open	Non		610-53613-204
22883	Invoi	AUGUST METER READING	354.17	Open	Non		620-53904-204
22884	Invoi	SEPTEMBER 2018 OPERATIONS	26,107.25	Open	Non		620-53644-115
22884	Invoi	SEPTEMBER 2018 HEALTH & LIABILITY INS	3,848.59	Open	Non		620-53644-115
22912	Invoi	#318 MILEAGE - JULY 2018	125.35	Open	Non		620-53644-247
Total MCO (2254):			30,789.52				
MIDWEST METER INC (4407)							
102593	Invoi	METER, BASE AND ACCESSORIES	5,616.00	Open	Non		620-19203
Total MIDWEST METER INC (4407):			5,616.00				
PACE ANALYTICAL SERVICES INC (4619)							
1840053325	Invoi	WATER ANALYSIS	31.00	Open	Non		620-53644-204
1840054299	Invoi	WATER ANALYSIS	93.00	Open	Non		620-53644-204
Total PACE ANALYTICAL SERVICES INC (4619):			124.00				
SAFE SHIP (4553)							
071918	Invoi	POSTAGE - WATER TESTS	185.43	Open	Non		620-53644-204
Total SAFE SHIP (4553):			185.43				
TIME WARNER CABLE (89)							
07/18 60703290180	Invoi	AUGUST/SEPTEMBER SERVICE	97.62	Open	Non		620-53924-203
Total TIME WARNER CABLE (89):			97.62				
WATER WELL SOLUTIONS (3136)							
452563	Invoi	BOOSTER 5 REPAIRS - 50% COMPLETE	2,175.00	Open	Non		620-19201
Total WATER WELL SOLUTIONS (3136):			2,175.00				
Grand Totals:			193,193.50				

Report GL Period Summary

Vendor number hash: 68054
Vendor number hash - split: 81718
Total number of invoices: 28
Total number of transactions: 36

Terms Description	Invoice Amount	Net Invoice Amount
Open Terms	193,193.50	193,193.50
Grand Totals:	193,193.50	193,193.50

Report Criteria:

Invoice Detail.GL Account = "6200000000"- "62099999999", "61000000000"- "61099999999", "63000000000"- "63099999999"

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
AT&T LONG DISTANCE (2751)							
07/18 845626857	Invoi	JUNE/JULY CHARGES	8.13	Open	Non		620-53924-203
Total AT&T LONG DISTANCE (2751):			8.13				
BUTCH'S CURB & LANDSCAPING LLC (4945)							
1516	Invoi	RISER RINGS	65.00	Open	Non		610-53612-218
Total BUTCH'S CURB & LANDSCAPING LLC (4945):			65.00				
DAMAGE PREVENTION SERVICES (4068)							
2543	Invoi	JULY LOCATES	754.25	Open	Non		610-53612-209
2543	Invoi	JULY LOCATES	1,592.25	Open	Non		620-53644-209
2543	Invoi	JULY LOCATES	949.12	Open	Non		630-53442-209
Total DAMAGE PREVENTION SERVICES (4068):			3,295.62				
DONALD HIETPAS & SONS INC. (209)							
2018001-2	Invoi	PROGRESS PMNT#2-2018 UTILITIES HAYES SANI	467,701.82	Open	Non		610-51018-263
Total DONALD HIETPAS & SONS INC. (209):			467,701.82				
EHLERS INVESTMENT PARTNERS LLC (1425)							
JULY 2018	Invoi	JULY INVESTMENT MANAGEMENT	467.96	Open	Oth		620-53924-229
JULY 2018	Invoi	JULY INVESTMENT MANAGEMENT	247.40	Open	Oth		610-53614-229
JULY 2018	Invoi	JULY INVESTMENT MANAGEMENT	416.43	Open	Oth		630-53444-229
JUNE 2018	Invoi	JUNE INVESTMENT MANAGEMENT	447.90	Open	Oth		620-53924-229
JUNE 2018	Invoi	JUNE INVESTMENT MANAGEMENT	246.94	Open	Oth		610-53614-229
JUNE 2018	Invoi	JUNE INVESTMENT MANAGEMENT	402.64	Open	Oth		630-53444-229
Total EHLERS INVESTMENT PARTNERS LLC (1425):			2,229.27				
FARRELL EQUIPMENT & SUPPLY CO INC (4598)							
965570	Invoi	FIBER EXPANSION JOINT	60.00	Open	Non		620-53644-218
Total FARRELL EQUIPMENT & SUPPLY CO INC (4598):			60.00				
GRIESBACH READY-MIX LLC (3832)							
4182	Invoi	REDI MIX CONCRETE WABASH AVE	387.00	Open	Non		620-53644-216
Total GRIESBACH READY-MIX LLC (3832):			387.00				
HAWKINS INC (1918)							
4315458	Invoi	AZONE	506.46	Open	Non		620-53634-214
4315458	Invoi	SODIUM SILICATE	2,754.66	Open	Non		620-53634-220
Total HAWKINS INC (1918):			3,261.12				
HEART OF THE VALLEY (280)							
081018MP	Invoi	JULY HOV METER PAYABLE	6,332.00	Open	Non		610-21110
Total HEART OF THE VALLEY (280):			6,332.00				

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
HEARTLAND BUSINESS SYSTEMS (3449)							
271440H	Invoi	JUNE BILL PRINT QNTY 4054	141.89	Open	Non		610-53614-206
271440H	Invoi	JUNE BILL PRINT QNTY 4054	141.89	Open	Non		620-53904-206
271440H	Invoi	JUNE BILL PRINT QNTY 4054	141.89	Open	Non		630-53443-206
Total HEARTLAND BUSINESS SYSTEMS (3449):			425.67				
HIGHWAY LANDSCAPERS INC (2229)							
4997-1993	Invoi	HAY BALES	16.00	Open	Non		620-53644-251
Total HIGHWAY LANDSCAPERS INC (2229):			16.00				
KAUKAUNA UTILITIES (234)							
06/18 9012695	Invoi	DOYLE PARK WELL	3,874.64	Open	Non		620-53624-249
JULY 2018	Invoi	PUMP STATION JEFFERSON ST	1,457.31	Open	Non		620-53624-249
JULY 2018	Invoi	#4 WELL EVERGREEN DR	5,210.10	Open	Non		620-53624-249
JULY 2018	Invoi	#3 WELL WASHINGTON ST	3,335.83	Open	Non		620-53624-249
JULY 2018	Invoi	STEPHEN ST TOWER/LIGHTING	231.50	Open	Non		620-53624-249
JULY 2018	Invoi	1800 STEPHEN ST	1,025.63	Open	Non		630-53441-249
Total KAUKAUNA UTILITIES (234):			15,135.01				
LINDNER ACE HARDWARE LITTLE CHUTE (4702)							
251077-325003	Invoi	PARTS FOR WATER DEPT	2.79	Open	Non		620-53634-255
251164-325003	Invoi	PARTS FOR WATER DEPT	26.73	Open	Non		620-53634-255
251383-325003	Invoi	PARTS FOR SALT BIN	45.00	Open	Non		620-53634-255
251413-325001	Invoi	CAULK	19.53	Open	Non		610-53612-251
Total LINDNER ACE HARDWARE LITTLE CHUTE (4702):			94.05				
MCC INC (480)							
142463	Invoi	HOT MIX ASPHALT	123.61	Open	Non		610-53612-216
142463	Invoi	HOT MIX ASPHALT	613.65	Open	Non		620-53644-216
142463	Invoi	HOT MIX ASPHALT	298.92	Open	Non		630-53442-216
143827	Invoi	HOT MIX ASPHALT	367.94	Open	Non		610-53612-216
Total MCC INC (480):			1,404.12				
OUTAGAMIE COUNTY TREASURER (486)							
1017004	Invoi	JUNE FUEL BILL	762.40	Open	Non		630-53442-247
1017004	Invoi	JUNE FUEL BILL	269.09	Open	Non		610-53612-247
1017004	Invoi	JUNE FUEL BILL	479.86	Open	Non		620-53644-247
3382	Invoi	STREET SWEEPINGS	1,297.96	Open	Non		630-53442-204
Total OUTAGAMIE COUNTY TREASURER (486):			2,809.31				
PRIMADATA LLC (4671)							
SEPTEMBER 2018	Invoi	SEPTEMBER POSTCARD POSTAGE	250.00	Open	Non		610-53613-226
SEPTEMBER 2018	Invoi	SEPTEMBER POSTCARD POSTAGE	250.00	Open	Non		620-53904-226
SEPTEMBER 2018	Invoi	SEPTEMBER POSTCARD POSTAGE	250.00	Open	Non		630-53443-226
Total PRIMADATA LLC (4671):			750.00				
SPEEDY CLEAN DRAIN & SEWER (122)							
65756	Invoi	VACUUM SALT TANK - 10.5 HOURS, 3&4 MEN	4,312.50	Open	Non		620-53634-255

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
Total SPEEDY CLEAN DRAIN & SEWER (122):			4,312.50				
TIME WARNER CABLE (89)							
06/18 60703290180	Invol	JULY/AUGUST SERVICE	97.60	Open	Non		620-53924-203
Total TIME WARNER CABLE (89):			97.60				
VERIZON WIRELESS (3606)							
9810926565	Invol	JUNE/JULY SERVICE	56.54	Open	Non		620-53924-203
Total VERIZON WIRELESS (3606):			56.54				
VILLAGE OF LITTLE CHUTE (1404)							
JULY 2018	Invol	PUMP STATION JEFFERSON ST	29.59	Open	Non		620-53624-249
JULY 2018	Invol	#3 WELL WASHINGTON ST	15.68	Open	Non		620-53624-249
JULY 2018	Invol	3609 FREEDOM RD-WATER/SEWER	8.25	Open	Non		630-53441-249
Total VILLAGE OF LITTLE CHUTE (1404):			53.52				
Grand Totals:			508,494.28				

Report GL Period Summary

Vendor number hash: 62229
Vendor number hash - split: 99899
Total number of invoices: 27
Total number of transactions: 48

Terms Description	Invoice Amount	Net Invoice Amount
Open Terms	508,494.28	508,494.28
Grand Totals:	508,494.28	508,494.28

Report Criteria:

Invoice Detail.GL Account = "6200000000"- "62099999999", "61000000000"- "61099999999", "63000000000"- "63099999999"

Report Criteria:

Invoice Detail.GL Account = "6200000000"- "62099999999", "61000000000"- "61099999999", "63000000000"- "63099999999"

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
APPLETON OIL CO INC (4236)							
JUNE 2018	Invoi	DIESEL FUEL	.65	Open	Non		630-53442-247
JUNE 2018	Invoi	DIESEL FUEL	9.52	Open	Non		610-53612-247
JUNE 2018	Invoi	DIESEL FUEL	.32	Open	Non		620-53644-247
Total APPLETON OIL CO INC (4236):			10.49				
AT& T (409)							
92078873810963 0	Invoi	JUN/JULY SERVICE	50.78	Open	Non		620-53924-203
Total AT& T (409):			50.78				
AT&T LONG DISTANCE (2751)							
06/18 845626857	Invoi	MAY/JUNE CHARGES	414.84	Open	Non		620-53924-203
Total AT&T LONG DISTANCE (2751):			414.84				
BERGSTROM FORD OF FOX VALLEY (3484)							
317945	Invoi	REPLACE A/C COMPRESSOR AND BELT	1,227.20	Open	Non		620-53644-247
Total BERGSTROM FORD OF FOX VALLEY (3484):			1,227.20				
BEVERS, TIM (2527)							
Q1Q2 2018 UTILIT	Invoi	JAN-JUNE 2018 UTILITY COMMISSION	105.00	Open	Non		620-53924-112
Total BEVERS, TIM (2527):			105.00				
BUTCH'S CURB & LANDSCAPING LLC (4945)							
1461	Invoi	RISER RINGS FOR LEGION PARKING LOT	182.00	Open	Non		630-53442-218
Total BUTCH'S CURB & LANDSCAPING LLC (4945):			182.00				
CIVIC SYSTEMS LLC (705)							
CVC16808	Invoi	SEMI ANNUAL SUPPORT FEES 7/1/18-12/31/18	330.00	Open	Non		620-53644-253
CVC16808	Invoi	SEMI ANNUAL SUPPORT FEES 7/1/18-12/31/18	972.00	Open	Non		610-53614-208
CVC16808	Invoi	SEMI ANNUAL SUPPORT FEES 7/1/18-12/31/18	972.00	Open	Non		620-53924-208
CVC16808	Invoi	SEMI ANNUAL SUPPORT FEES 7/1/18-12/31/18	972.00	Open	Non		630-53444-208
Total CIVIC SYSTEMS LLC (705):			3,246.00				
COFFEY, KEVIN (2300)							
Q1Q2 2018 UTILIT	Invoi	JAN-JUNE 2018 UTILITY COMMISSION	140.00	Open	Non		620-53924-112
Total COFFEY, KEVIN (2300):			140.00				
COMPASS MINERALS AMERICA (4500)							
273828	Invoi	BULK COARSE UNTREATED ROCK	2,428.60	Open	Non		620-53634-224
274317	Invoi	BULK COARSE UNTREATED ROCK	2,367.58	Open	Non		620-53634-224
274318	Invoi	BULK COARSE UNTREATED ROCK	2,483.51	Open	Non		620-53634-224
277941	Invoi	BULK COARSE UNTREATED ROCK	2,430.63	Open	Non		620-53634-224
Total COMPASS MINERALS AMERICA (4500):			9,710.32				

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
DAMAGE PREVENTION SERVICES (4068)							
2511	Invoi	JUNE LOCATES	641.75	Open	Non		610-53612-209
2511	Invoi	JUNE LOCATES	1,284.88	Open	Non		620-53644-209
2511	Invoi	JUNE LOCATES	922.37	Open	Non		630-53442-209
Total DAMAGE PREVENTION SERVICES (4068):			2,849.00				
DONALD HIETPAS & SONS INC. (209)							
060518	Invoi	REPAIRED 2 WATER BREAKS AT 120 HOMEWO	4,234.07	Open	Non		620-53644-251
060618	Invoi	REPAIRED WATER BREAK AT 1901 BUCHANAN	2,792.75	Open	Non		620-53644-251
061418	Invoi	INSTALLED NEW HYDRANT AT 520 RANDOLPH	1,619.02	Open	Non		620-19204
061518	Invoi	DELIVERED 21 TON OF 3/4" TO EVERGREEN WEL	227.01	Open	Non		620-53644-251
61418	Invoi	DRILLED FOR WATER BREAK ON TAYLOR & MOA	635.84	Open	Non		620-53644-251
Total DONALD HIETPAS & SONS INC. (209):			9,508.69				
FARRELL EQUIPMENT & SUPPLY CO INC (4598)							
958338	Invoi	CONCRETE MIX	29.94	Open	Non		630-53442-216
Total FARRELL EQUIPMENT & SUPPLY CO INC (4598):			29.94				
FERGUSON ENTERPRISES INC #448 #1020 (2046)							
249528	Invoi	BUTYL SEAL ROLL	108.00	Open	Non		630-53442-218
4527718	Invoi	THREAD COUPLINGS	130.34	Open	Non		620-53644-251
4552931	Invoi	BALL VALVES AND COUPLINGS	164.52	Open	Non		620-53644-251
Total FERGUSON ENTERPRISES INC #448 #1020 (2046):			402.86				
FERGUSON WATERWORKS #1476 (221)							
0249335	Invoi	HOSE BIBBS	1,337.50	Open	Non		620-53644-255
Total FERGUSON WATERWORKS #1476 (221):			1,337.50				
GLOUDEMANS, MARK (4091)							
Q1Q2 2018 UTILIT	Invoi	JAN-JUNE 2018 UTILITY COMMISSION	105.00	Open	Non		620-53924-112
Total GLOUDEMANS, MARK (4091):			105.00				
HAWKINS INC (1918)							
4303899	Invoi	AZONE	383.26	Open	Non		620-53634-214
4303899	Invoi	SODIUM SILICATE	2,540.64	Open	Non		620-53634-220
Total HAWKINS INC (1918):			2,923.90				
HEART OF THE VALLEY (280)							
071218	Invoi	JUNE WASTEWATER	131,888.89	Open	Non		610-53611-225
071218	Invoi	FOG CONTROL	149.00	Open	Non		610-53611-204
071918MP	Invoi	2014-2016 HOV METER PAYABLE	50,237.00	Open	Non		610-21110
072018MP	Invoi	JUNE HOV METER PAYABLE	8,864.00	Open	Non		610-21110
Total HEART OF THE VALLEY (280):			191,138.89				
MCC INC (480)							
140110	Invoi	HOT MIX ASPHALT	1,925.82	Open	Non		620-53644-216
140110	Invoi	HOT MIX ASPHALT	101.36	Open	Non		630-53442-216
140932	Invoi	COLD MIX	779.45	Open	Non		620-53644-251

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
Total MCC INC (480):			2,806.63				
MCO (2254)							
22791	Invoi	JULY METER READING	354.17	Open	Non		620-53904-204
22791	Invoi	JULY METER READING	354.16	Open	Non		610-53613-204
22792	Invoi	AUGUST 2018 HEALTH & LIABILITY INS	3,848.59	Open	Non		620-53644-115
22792	Invoi	AUGUST 2018 OPERATIONS	26,107.25	Open	Non		620-53644-115
22816	Invoi	#318 MILEAGE - JUNE 2018	292.67	Open	Non		620-53644-247
Total MCO (2254):			30,956.84				
MIDWEST METER INC (4407)							
0102204-IN	Invoi	TURBO HEAD ASSEMBLY	311.85	Open	Non		620-53644-253
Total MIDWEST METER INC (4407):			311.85				
PACE ANALYTICAL SERVICES INC (4619)							
1840052834	Invoi	WATER ANALYSIS	50.00	Open	Non		620-53644-204
Total PACE ANALYTICAL SERVICES INC (4619):			50.00				
PRIMADATA LLC (4671)							
AUGUST 2018	Invoi	AUGUST POSTCARD POSTAGE	250.00	Open	Non		610-53613-226
AUGUST 2018	Invoi	AUGUST POSTCARD POSTAGE	250.00	Open	Non		620-53904-226
AUGUST 2018	Invoi	AUGUST POSTCARD POSTAGE	250.00	Open	Non		630-53443-226
Total PRIMADATA LLC (4671):			750.00				
SCHULTZ, JESSICA (4607)							
Q1Q2 2018 UTILIT	Invoi	JAN-JUNE 2018 UTILITY COMMISSION	70.00	Open	Non		620-53924-112
Total SCHULTZ, JESSICA (4607):			70.00				
SPEEDY CLEAN DRAIN & SEWER (122)							
65556	Invoi	TELEWISE & LOCATE TWO 4" LINES FOR STORM	337.50	Open	Non		630-53442-251
Total SPEEDY CLEAN DRAIN & SEWER (122):			337.50				
THERMASTOR PRODUCTS GROUP (2557)							
2968271 RI	Invoi	DEHUMIDIFIER	2,925.25	Open	Non		620-19250
Total THERMASTOR PRODUCTS GROUP (2557):			2,925.25				
VERIZON WIRELESS (3606)							
9809073499	Invoi	MAY/JUNE SERVICE	49.94	Open	Non		620-53924-203
Total VERIZON WIRELESS (3606):			49.94				
WE ENERGIES (2788)							
4494800612 07/18	Invoi	PUMP STATION @ EVERGREEN & FRENCH	189.43	Open	Non		620-53624-249
4494800612 07/18	Invoi	LC WELL #4 PUMPHOUSE (625 E EVERGREEN)	14.61	Open	Non		620-53624-249
4494800612 07/18	Invoi	PLANT #2 (1118 JEFFERSON ST)	11.26	Open	Non		620-53624-249
4494800612 07/18	Invoi	PLANT #1 (100 WILSON ST)	65.36	Open	Non		620-53624-249
4494800612 07/18	Invoi	920 WASHINGTON ST	10.14	Open	Non		620-53624-249

Invoice	Type	Description	Total Cost	Terms	1099	PO Number	GL Account
Total WE ENERGIES (2788):			290.80				
WEGAND, TIM (3034)							
Q1Q2 2018 UTILIT	Invoi	JAN-JUNE 2018 UTILITY COMMISSION	105.00	Open	Non		620-53924-112
Total WEGAND, TIM (3034):			105.00				
Grand Totals:			262,036.22				

Report GL Period Summary

Vendor number hash: 100409
Vendor number hash - split: 146812
Total number of Invoices: 42
Total number of transactions: 60

Terms Description	Invoice Amount	Net Invoice Amount
Open Terms	262,036.22	262,036.22
Grand Totals:	262,036.22	262,036.22

Report Criteria:

Invoice Detail.GL Account = "6200000000"."62099999999","61000000000"."61099999999","63000000000"."63099999999"