

**CITY OF SPARTA
PUBLIC WORKS AGENDA
October 6, 2020**

CITY HALL

6:00 P.M.

- 1. Call Meeting to Order**
- 2. Consideration of Consent Agenda consisting of: minutes from the September 8, 2020 Meeting; Director of Public Works Report for October; Water Utility Operation and Maintenance Report for September; Wastewater Treatment Facility Operation and Maintenance Report for September; and monthly bills for the Sanitation Dept., Street Dept., and Water Utility.**
- 3. Discussion of No drop-off signs on W. Division St.**
- 4. Consideration of Changes to ATV/UTV Ordinance**
- 5. Consideration of Purchasing Replacement RAS Pumps**
- 6. Items for Future Consideration**
- 7. Adjourn**

A Possible Quorum of the Common Council may be in attendance at this meeting, but no action will be taken by the Council.

Posted: 10-2-2020

CITY OF SPARTA
PUBLIC WORKS MINUTES
September 8, 2020

PRESENT: Kevin Riley, Bryan Jandt, Norm Stanek, Jim Church, John Gessner
ABSENT: Michael Zeidler, Kevin Brueggeman
ALSO PRESENT: Mark Van Wormer, Mark Sund, Todd Hanson, Dennis Johnson, Dale Passehl, Matthew Hoffland, Emilee Nottestad, Heidi Prestwood, Jim Schaitel, Dale Roberts, Renee Schauf, Sara Anderson

Norm Stanek called the meeting to order at 6:00 p.m.

A motion was made by Jim Church and seconded by Kevin Riley to approve the consent agenda consisting of the minutes of the August 4, 2020 meeting, Director of Public Works Report for September; Water Utility Operation and Maintenance Report for August, Wastewater Treatment Facility Operation and Maintenance Report for August, and monthly bills for the Sanitation Department, Street Department, and Water Utility. Motion carried 5-0.

Residents neighboring the island median right of way of Jane Drive proposed the installation of an aluminum flag pole with solar light illumination to be paid for, installed and maintained by themselves. In agreement, they are to only fly the American flag and the Wisconsin flag. **A motion was made by Jim Church and seconded by John Gessner to approve the flag pole installation on Jane Drive right of way. Motion carried 5-0.**

Todd Hanson presented four options for a replacement vehicle for the Water Department. He would like to purchase the 2021 Chevy 1500 WT from Sleepy Hollow for \$29,500. They would need to order soon, with delivery at the end of the year and billing after the first of the year in 2021. **A motion was made by Jim Church and seconded by Kevin Riley to approve the purchase of the 2021 Chevy 1500 WT from Sleepy Hollow for \$29,500 for the water department. Motion carried 5-0.**

Mark Van Wormer presented the Monroe County ATV Ordinance. Each city/township/village is to determine their own ordinance and specific conditions. He stated that there is only one county highway, County Highway B, that would provide that access into the City of Sparta. Chief Nottestad was asked her opinion. She stated that she was neither for or against the ordinance but stated if there was an ordinance, she would be in favor of the age of operation be in line with the state statute. There was discussion on the matter, but no action was taken.

Mark Van Wormer presented the Urban Forestry Proposal from Bluestem Forestry. A tree inventory on street rights-of-way, parks and at the municipal golf course would be conducted to develop an urban forestry management plan. Acceptance of this proposal would be contingent on being awarded a matching grant up to \$25,000. **A motion was made by Jim Church and seconded by Kevin Riley to approve the Forestry Plan and GIS Inventory Proposal. Motion carried 5-0.**

Heidi Prestwood from the Chamber of Commerce requested to have Water Street, from Franklin Street to Oak Street, closed on October 10, 2020 from 9:00 a.m. to 3:00 p.m. for the Chamber's Fall Festival. It is a family event and closing the road would ensure the safety of all that attend, as well as ensure social distancing. Mark Van Wormer stated he would put in a notice to the State, as no permit is required. There would then be an alternate route established should anyone travel using that route. **A motion was made by Kevin Riley and seconded by Jim Church to approve the closing of Water Street, from Franklin Street to Oak Street, for the Chamber's Fall Festival to be held on October 10, 2020 from 9:00 a.m. to 3:00 p.m. Motion carried 5-0.**

Dale Passehl presented a reduction in fees for the septage waste rates. He proposed reducing the septage waste rate from \$86.67/1,000 gallons to \$70.00/1000 gallons. He was in contact with four haulers in the area that currently utilize the Waste Water Treatment Facility. He believes these companies would utilize more services if the rates for the septage rate was more in line with other areas. Kevin Riley asked if this would then increase operating costs. Dale stated it would not and, in fact, would decrease other costs. **A motion was made by Kevin Riley and seconded by Jim Church to approve the changes to the Septage Price Assessment. Motion carried 5-0.**

Dale Passehl presented aeration blower replacement proposals. This would be a budgetary item as a capital improvement project. Dale's preference would be the blower proposal from Inovair. The cost of the blower, electrical and installation would be \$72,000. The goal would be to replace one now and three more in the near future. **A motion was made by Jim Church and seconded by John Gessner to approve the Waste Water Treatment Facility Aeration Blower Replacement proposal from Inovair in the amount of \$72,000. Motion carried 5-0.**

Items mentioned for future consideration were:

Sink holes near Spring and Montgomery Streets.

Perch Lake draw down for the damn project will start next week. The project is slated to be complete by the end of October or beginning of November.

A motion was made by Kevin Riley and seconded by John Gessner to adjourn at 6:44 p.m. Motion carried 5-0.

Respectfully submitted,
Jennifer Lydon, Deputy City Clerk

To: Board of Public Works
From: Mark Van Wormer, Director of Public Works
Date: October 6, 2020
Subject: Public Works October Monthly Report

Airport

SEH is working on the Airport Layout Plan and Master Plan, which is required to have for federal funding of projects at the airport. Currently working on a grant for snow removal equipment, new fuel card reader, and pavement repairs.

Project Updates

Paper Mill Dam Project

Lunda Construction has started repairs to the dam and the lake is drawn down. Repairs are scheduled to be completed this year the DNR will make the assessment whether it can be refilled upon project completion.

Icecap Road Drainage Project

A Preconstruction meeting was held on 30 September for the project. Construction is scheduled to begin within the next two weeks and completed by late November.

Harbor Drive Retention Pond

This project is nearing completion. The pond is finished and all that remains is some punch list items regarding restoration. Monroe County is planning to mill and overlay that section of Highway "BC" this fall.

Miscellaneous

The Street Department is continuing to cut ash trees and complete some sidewalk repairs.

City of Sparta Water Utility
Operation and Maintenance Report
September, 2020

In September we pumped 34,067,000 gallons of water compared to 33,702,000 gallons for the same period last year.

The following is a list of what the Water Utility has been working on during the month of September:

- Completed the monthly bacti samples.
- Completed the monthly fluoride sample.
- Ran standby engines and generators for the monthly tests.
- A new 2" service was installed at 1050 Hoeschler Dr. by Bray Plumbing.
- Hydrant A15 located at N. Water St. and Pine St. was hit and damaged by a motorist who was under the influence. We made repairs and have submitted the bill to their insurance company.
- A curb box was hit and damaged at 1608 S. Highland Dr. by a paving company that did not call in a Diggers locate. Gerke was called in to make repairs with our assistance. The paving company will be billed for all damages.
- We are continuing with work such as: water testing at wells and in the system, commercial routine meter changing and Diggers Hotline ticket locates etc.
- The proposed 2021 Water Utility budget has been completed. A larger expense item on next year's budget is the Well 9 chemical room addition and reconfiguration. The 140k is an estimated number our engineer has given me. We are looking in the future, to adding caustic soda at Well 9 to raise the pH, which will help with corrosion control. This is based on some elevated copper levels in that area during our last required lead and copper sampling cycle. This is something that was done at some of our other wells years ago, and has worked very well. If we propose to the DNR adding caustic at Well 9, they will more than likely require that we separate the existing shared chemical room for chlorine and fluoride. Therefore we would need to add two chemical rooms within the current layout of the building. Our engineer is trying to get an answer from DNR to confirm this, but has not had any success. Apparently DNR is backed up on giving approvals to projects. So, this project, if approved by the BPW and Council may or may not take place until 2022 and it may or may not cost as much as the engineers projection based on what exactly the DNR will require.
- We have been exercising some of our mainline valves throughout the City.
- Utility staff had another phase of training on our new AMI meter reading system.
- The city wide fall hydrant flushing is scheduled for the week of October 5th – October 9th.
- We received a chemical delivery, from Hawkins Chemical Group, at some of our well houses.
- We have been raising/lowering and repairing curb boxes as needed.
- We completed the monthly meter reading route for our large customers.

Todd Hanson
Supervisor
Sparta Water Utility

**CITY OF SPARTA
WASTEWATER TREATMENT FACILITY
OPERATION AND MAINTENANCE REPORT
September 2020**

Wastewater Treatment Program

The Sparta Wastewater Treatment Plant (SWWTP) final effluent met Wisconsin Department of Natural Resources (WDNR) discharge monitoring report limits for the four main nutrients: biochemical oxygen demand (BOD), total suspended solids (TSS), phosphorus, and ammonia. Sparta's WWTP maintained healthy microbiological life and treatment with a sludge retention time (SRT) of nine days.

The introduction of ¼ aerators into Sparta's Lift station is a low-cost solution to grease build up and solid settling in our lift stations. Several lift stations through the past year have been treated with biochemical (enzymes and bugs) at cost of over 5K/annually with varying results. The use of a ¼ aerator much like a fish tank aerator is a permanent fix with low maintenance and energy costs and basically eliminates the need for bi-annual Vactoring.

Treatment Summary

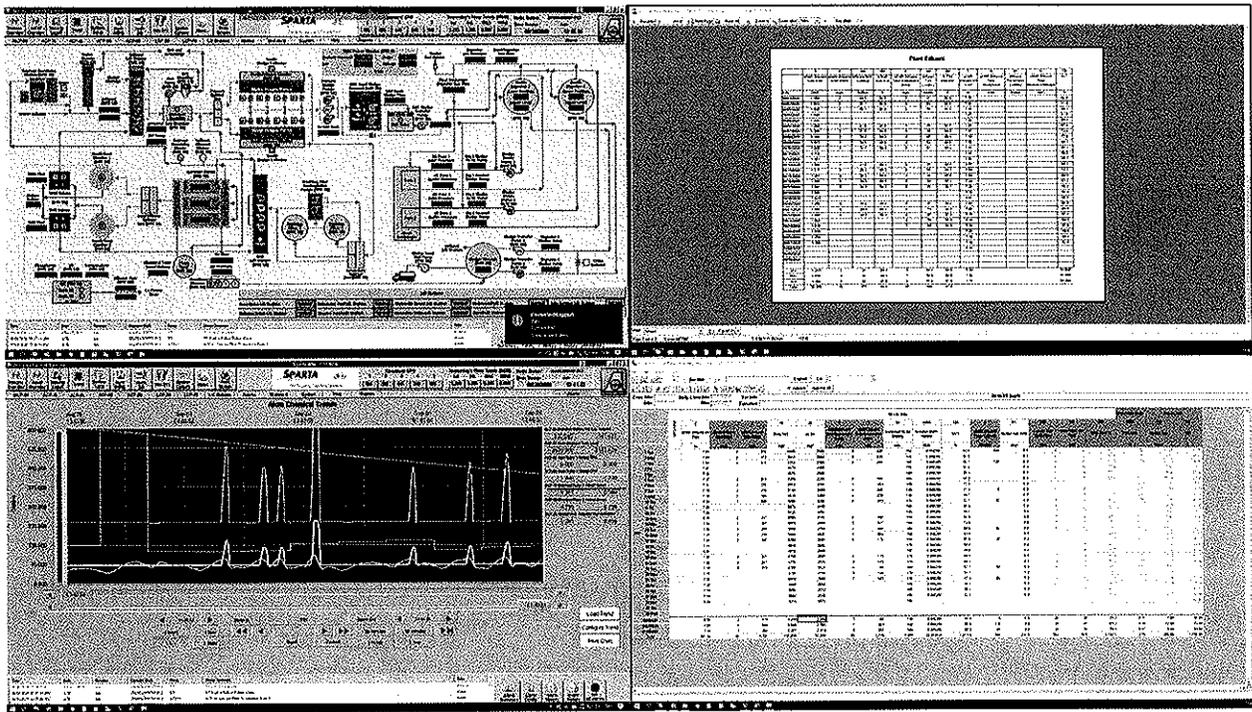
Parameter	Aug	Sept
Industrial Flow (MGD)	NTY	NTY
Domestic Flow (MGD)	NTY	NTY
Receiving Flow (MGD)	NTY	NTY
Total Flow (MGD)	42.802	42.855
Daily average mg/l		
Influent BOD Loading	255	289
Influent TSS loading mg/l	206	205
Influent Phosphorus loading mg/l	NTY	NTY
Influent NH ₃ -4 loading mg/l	NTY	NTY
Effluent BOD Loading mg/l	3	3
Effluent TSS loading mg/l	5	5
Effluent Phosphorus loading mg/l	0.803	0.803
Effluent NH ₃ -4 loading mg/l	0.173	0.173
% Treatment Removal of BOD	98.5	98.8
% Treatment Removal of TSS	96.4	96.8
% Treatment Removal of phosphorus	NTY	NTY
% Treatment Removal of NH ₃ -4	NTY	NTY
Average UVT %	61.5	58.2

NTY= Not tracked yet

Current month data is off by 5 days on BOD and 1 day on TSS

due to lab work completion by the time the meeting is held.

1. Gate/card reader system
 - a. Waiting for remote access parts from Per Mar.
 - b. Otherwise gate is operational and utilized
2. Scada system
 - a. Utilizing the SCADA system more effectively
 - i. Establishing automated controls with new and old equipment
 - ii. Still building a repertoire of historical trends
 - iii. Authoring Hach Wimms data sheets, eDMR forms, and reports to more effectively and efficiently operate and report operational conditions.
 1. Copy provided as examples in other documents.
 - b. Fixed Primary and Secondary Dialer call out and stayed with WIN 911



3. Collection System
 - a. Weekly/Monthly Jetting completed.
 - i. Able to remove 9 locations from list down to 23 due to repairs done on elevated laterals/mains in manholes.
 - b. SLRAT assessment during backups access main issue prior and after jetting
 - i. Collecting in SL to be later transferred to the Collector app.
 - ii. The SL RAT information will be batched into the Collector app as needed.
 - c. Identified one main plugged, not jettable yet. Will camera when training is available, and trailer is set up. Oct-Nov

- d. Exploring ability to put advertising logo on trailer with artwork from a student in the LAX UW system for a school project. With the intention of negotiating an advertisement fee for the equipment we use on our Collection's Trailer. Still in preliminary planning, but equipment suppliers have shown interest.
4. Lift Stations
- a. Hoeschler lift station was repaired.
 - i. Down for emergency maintenance to replace pump, remove floats system and install secondary ultra-sonic meter
 - b. Walrath grease issue addressed
 - i. Installed a small 1/4hp aerator in lift station to keep grease emulsified, drastically reducing grease buildup which leads excessive lift station maintenance
 - c. Iband is prepared being prepared to accept an aerator as well.
 - d. Other areas needing aerators in are Julie and Hemstock
5. Receiving:
- a. Remediation for receiving station from June 20th incident almost complete.
 - i. New valving apparatus installed, second shut-off in place
 - ii. Pumping and valving installed for direct HSW to digester operational
 - iii. Two items left to install
 - 1. Flow meter on HSW pipe to digester
 - 2. Flow meter in manhole at Receiving waste drain
 - iv. The aforementioned is necessary to regulate the flows into the plant
 - b. More septage and holding waste to start 10/1
6. Digester
- a. Solids pump #1 is OOS and new replacement. On hold for 2021 if possible.
 - b. Dave S. and I looking into RFP on digester circulation systems. Only pump driven. No mechanical blade mixers!
 - c. Waiting on telemetry for raw sludge pump works well.
 - i. Blanket sensor test showed excellent opportunity to optimize primary blankets. Will effectively reduce water going into GBT well for dewater prior to the digester.
7. Gravity Belt Thickener
- a. Exploring means to reduce the H₂S alarms that occur nearly every startup.
 - i. Mixers on 24/7 reducing solids blanket in well but no H₂S
 - ii. Installing small aerator in well to minimize septicity which creates the following
 - 1. Acidic conditions
 - 2. H₂S – very lethal gas
 - 3. Greatly reduced odors which we get public complaints from time to time. The GBT building is the culprit.
8. Aeration basins
- a. Aeration basins and aeration channels are all repaired and fully operational
 - b. Mass air flow sensors are waiting to be calibrated prior to Blower installation.
9. North clarifier is down for inspection.

- a. Seals replaced
 - b. Ready to check seals and telescoping valve flows. When time permits
10. UV system
- a. Working as intended for now,
 - i. Must investigate CIP of new UV next year. This unit is very expensive and needs immediate upgrades and repairs.
 - ii. Through UVT tracking and operational changes the UVT has when from an average of 45% to 59%.
 - 1. Working on receiving volume loading as our tank is small. Plan to utilize south and middle tank for HSW. On the north tank for Septage and receiving. The center tank overflows allowing in material to spill into north tank heading to Head works causing lower UVT.
 - 2. Goal is to get to 60+% consistently. But the current results effectively reduce the number of bulbs in the next UV system.
11. Headworks
- a. Raptor screening system needs replacement.
 - i. Will explore options for year 21 or 22 to replace.
 - 1. Needs better rag washing
 - 2. Rag disposal direct to dumpster.
 - ii. Current raptor will take \$40+K to rebuild and still poses several hazards
 - 1. Explosion proof hazard
 - 2. Ergonomic hazard
 - a. Bags are removed ½ time per day at 100+lbs with dark water/nutrient laden rags and various sharps than our personnel handle a 28" vertical lift prior to disposal.
12. The items below are being worked on in some capacity.
- a. VFD on large RAS pump
 - b. Receiving flow meters
 - c. Circulation/nozzle pump for digester mixing
 - d. Blower Install
 - e. Primary Blanket level sensors and control units
 - f. Setting up Camera Trailer for training and operation
13. Small list of CIPs for 2021
- a. Replacement raptor screening
 - b. Replace UV system
 - c. Digester CHP heating uniting- electric shaving. Use generator to heat digester and supply or shave electric rates for plant
 - d. Hybrid Inovair turbo blower #2 as lead/lag and replacement for blowers 5 and 6 which are well past their LCA and have proved unreliable
 - e. Solids sludge pump under digester #1 Lobe pump
 - f. Raw sludge pump #2 Seepex pump
 - g. Lift station telemetry and SCADA integration, VFD, and switch float backup to ultrasonic. Place aerators in grease laden lift stations

- i. 8/10 of our lift stations are utilized like the 1980's. One sensor to indicate high level well after a problem has occurred meaning that both pumps are out, and we have a high level (emergency)
- ii. One station does not even come to SCADA, has separate dialer
 - 1. Several senseless calls and not value-added overtime have been a result of not having proper telemetry on our lift stations
- h. North Secondary clarifier coating, and rebuild

Thank you

Dale Passehl
Sanitation/WWTP Plant Manager

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
124495	09/02/2020	LYNX Networks	700-53920-391	TELEPHONE	773500 9/20	80.15	Services-Sept #999-269-14
124500	09/02/2020	We Energies	700-53860-340	OPERATING SUPPLIE	3281-326-595 8/20	9.75	GAS-1451 Hoeschler
124500	09/02/2020	We Energies	700-53860-340	OPERATING SUPPLIE	3609-101-745 8/20	9.24	GAS-Walrath St
124500	09/02/2020	We Energies	700-53810-221	HEATING - GAS	5032-284-722 8/20	729.59	GAS-Richgruber Rd
124500	09/02/2020	We Energies	700-53860-340	OPERATING SUPPLIE	7241-288-912 8/20	9.75	GAS-Julie Ave
124501	09/02/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-9873089-3 8/20	31.16	Electric-Hemstock
124515	09/04/2020	KWIK TRIP INC	700-53840-371	GAS/OIL	384132 8/20	209.13	GAS CHGS-August, 2020
124515	09/04/2020	KWIK TRIP INC	700-53810-223	DIESEL FUEL	384132 8/20	150.22	DIESEL CHGS-Aug, 2020
124557	09/09/2020	Auto & Troy Trader	700-03920	TRANSPORTATION EQ	20130	3,150.00	2021 Untied Trailer-6x12
124559	09/09/2020	ADVANCE AUTO P	700-53840-240	REPAIRS & MAINTENA	1580-339665	56.22	Rubbing Cmprd, polish
124561	09/09/2020	Band Box Cleaners	700-53830-250	CUSTODIAN SERVICE	07504	68.36	TOWEL GLASS
124572	09/09/2020	O'REILLY AUTOMO	700-53840-371	GAS/OIL	2236-249524	78.18	Oil filters/oil
124572	09/09/2020	O'REILLY AUTOMO	700-53840-371	GAS/OIL	2236-249536	53.97	Motoroil
124573	09/09/2020	Sabel Mechanical L	700-53870-340	OPERATING SUPPLIE	20379	325.77	Blind flange
124574	09/09/2020	SPEED'S PROPER	700-53870-240	REPAIRS & MAINTENA	IN-177932	22.41	Ball bearing
124577	09/09/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B327355	25.96	Hardware, elbow
124577	09/09/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B327355	2.60-	Discount
124577	09/09/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B327359	15.65	Coupling reducer
124577	09/09/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B327359	1.57-	Discount
124580	09/09/2020	Walmart Community	700-53920-930	MISCELLANEOUS GE	07274	11.94	Water, SD CIT
124582	09/09/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-8129801-9 8/20	27.40	Electric-Hanson PI
124583	09/11/2020	Brad Olson Electric	700-53830-210	PROFESSIONAL SERV	20-1769	3,711.74	digester pump
124593	09/11/2020	Verizon Wireless	700-53920-391	TELEPHONE	9861967083	46.20	Sanitation
124593	09/11/2020	Verizon Wireless	700-53830-930	MISCELLANEOUS GE	9861967083	40.01	Sewer Ipad
124606	09/17/2020	B & B PLUMBING I	700-53870-240	REPAIRS & MAINTENA	3814	905.58	pvc-arentia basin diffuser
124607	09/17/2020	Brad Olson Electric	700-53870-210	PROFESSIONAL SERV	20-1765	4,958.77	GBT feed pump # 2 VFD
124607	09/17/2020	Brad Olson Electric	700-53870-210	PROFESSIONAL SERV	20-1765	1,123.87	WWTF Builing Repair
124609	09/17/2020	Cedar Corporation	700-53920-210	PROFESSIONAL SERV	104735	3,539.94	Storm Water Control BASI
124609	09/17/2020	Cedar Corporation	700-53920-210	PROFESSIONAL SERV	104736	1,540.00	Facility plan thru 8-22-2020
124610	09/17/2020	CenturyLink	700-53920-391	TELEPHONE	301283737-AUG.20	236.31	Telephone -6824
124610	09/17/2020	CenturyLink	700-53860-340	OPERATING SUPPLIE	301283737-AUG.20	49.15	TELEPHONE - 2915
124610	09/17/2020	CenturyLink	700-53860-340	OPERATING SUPPLIE	301283737-AUG.20	58.00	TELEPHONE
124611	09/17/2020	Clay's Septic Servic	700-53870-210	PROFESSIONAL SERV	12998	900.00	Haul RAS from Tomah 3 Lo
124615	09/17/2020	Energenex Inc	700-53870-240	REPAIRS & MAINTENA	0040613-1N	1,175.00	CHEMICAL SEED PUMP
124620	09/17/2020	JOHN DEERE FINA	700-53870-340	OPERATING SUPPLIE	192474	537.56	supplies
124626	09/17/2020	PER MAR SECURI	700-53920-210	PROFESSIONAL SERV	2353163	30.00	Monitoring/services
124631	09/17/2020	Traffic Control Corp	700-53870-240	REPAIRS & MAINTENA	91720	295.00	Q-Seal
124635	09/17/2020	WISCONSIN LIFT T	700-53840-240	REPAIRS & MAINTENA	822039529	172.33	Vechile Repairs
124636	09/17/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 9/20	68.24	Electric-Walrath
124636	09/17/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 9/20	24.41	Electric-Jane Dr
124636	09/17/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 9/20	38.10	Electric-Hwy 16
124636	09/17/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 9/20	279.99	Electric-Hoeschler
124636	09/17/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 9/20	40.66	Electric-A ST
124636	09/17/2020	XCEL ENERGY	700-53810-220	ELECTRIC	52-6161035-7 9/20	9,046.16	Electric-Richgruber Rd
124636	09/17/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 9/20	130.78	Electric-Julie Ave
124636	09/17/2020	XCEL ENERGY	700-53860-340	OPERATING SUPPLIE	52-6161035-7 9/20	109.93	Electric-Iband
124662	09/24/2020	CARDMEMBER SE	700-53920-210	PROFESSIONAL SERV	6606 8/20	15.81	ADOBE SERVICES
124662	09/24/2020	CARDMEMBER SE	700-53920-210	PROFESSIONAL SERV	6606 8/20	26.38	MICROSOFT ONLINE SE
124662	09/24/2020	CARDMEMBER SE	700-53870-240	REPAIRS & MAINTENA	6606 8/20	459.95	Pleated filters-Remember
124662	09/24/2020	CARDMEMBER SE	700-53870-240	REPAIRS & MAINTENA	6606 8/20	37.75	Grinder repair-M&M Tool
124662	09/24/2020	CARDMEMBER SE	700-53840-240	REPAIRS & MAINTENA	6606 8/20	10.00	Car wash-Coulee Car Was
124674	09/24/2020	EVANS PRINT & M	700-53920-320	PUBLICATIONS/SEMIN	49569	49.00	Sub renewal 2020-2021
124687	09/24/2020	Sabel Mechanical L	700-53870-210	PROFESSIONAL SERV	20396	1,206.75	Reseal North clarifier
124720	09/29/2020	Sparta Postmaster	700-53920-342	POSTAGE	9292020	819.14	3RD Quarter billing
124721	09/30/2020	A-1 Advanced Pump	700-53870-210	PROFESSIONAL SERV	47186	625.00	PUMP Sand & Sludge from
124722	09/30/2020	All American Do It C	700-53840-240	REPAIRS & MAINTENA	001-247026	34.96	BrS edging, Qtr round
124725	09/30/2020	B & M Technical Ser	700-53870-210	PROFESSIONAL SERV	8315	1,080.00	PLC programming
124725	09/30/2020	B & M Technical Ser	700-53870-240	REPAIRS & MAINTENA	8337	4,900.00	Replacement valve install o
124728	09/30/2020	Band Box Cleaners	700-53830-210	PROFESSIONAL SERV	09294	78.79	TOWEL GLASS
124728	09/30/2020	Band Box Cleaners	700-53830-210	PROFESSIONAL SERV	11037	68.36	TOWEL GLASS

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
124736	09/30/2020	Davy Laboratories	700-53830-210	PROFESSIONAL SERV	2010116	37.50	LAB Phosphorus
124736	09/30/2020	Davy Laboratories	700-53830-923	OUTSIDE SERVICES	2010332	408.75	LAB COPPER
124736	09/30/2020	Davy Laboratories	700-53830-923	OUTSIDE SERVICES	2010438	495.00	LAB-Sludge analysis
124737	09/30/2020	DEPT OF NATURAL	700-53920-320	PUBLICATIONS/SEMIN	35337	45.00	Certification renewal Passe
124739	09/30/2020	First Supply LLC	700-53870-240	REPAIRS & MAINTENA	12289864-00	201.34-	LINK seal returned
124740	09/30/2020	Fisher Scientific	700-53830-340	OPERATING SUPPLIE	7605391	2,590.84	Versa star with two PH/ISE
124740	09/30/2020	Fisher Scientific	700-53830-340	OPERATING SUPPLIE	7729527	858.72	Electrode Ross ultra triode
124744	09/30/2020	Grainger	700-53870-340	OPERATING SUPPLIE	9645260432	310.20	Ducting hose
124744	09/30/2020	Grainger	700-53870-340	OPERATING SUPPLIE	9652653271	438.62	Cam & Groove adapter
124748	09/30/2020	Hydrite Chemical C	700-53820-824	FERRIC CHLORIDE	02397315	4,417.44	HYDRICLEAR
124748	09/30/2020	Hydrite Chemical C	700-53820-824	FERRIC CHLORIDE	02400315	4,299.10	HYDRICLEAR
124749	09/30/2020	LYNX Networks	700-53920-391	TELEPHONE	773500 10/20	79.95	Services-Oct #999-269-14
124750	09/30/2020	MISSISSIPPI WELD	700-53830-273	TOOLS	3324203	694.23	COMPRESSED gases
124755	09/30/2020	Mulcahy Shaw Wate	700-53870-340	OPERATING SUPPLIE	322795	863.97	Filters
124755	09/30/2020	Mulcahy Shaw Wate	700-53870-340	OPERATING SUPPLIE	322802	1,940.70	Lamps
124757	09/30/2020	Service Plus Heatin	700-53880-348	GROUNDS MAINTENA	37606	526.50	Blower room W Roof exhu
124759	09/30/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	A372446	129.32	2sided tape, trim carpet flut
124759	09/30/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	A372446	12.93-	Discount
124759	09/30/2020	The Hardware Store	700-53870-340	OPERATING SUPPLIE	A373065	8.78	Coupling flexible
124759	09/30/2020	The Hardware Store	700-53870-340	OPERATING SUPPLIE	A373065	.88-	Discount
124759	09/30/2020	The Hardware Store	700-53830-340	OPERATING SUPPLIE	A373439	7.68	Hardware
124759	09/30/2020	The Hardware Store	700-53830-340	OPERATING SUPPLIE	A373439	.77-	Discount
124759	09/30/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B328346	62.44	Hardware
124759	09/30/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B328346	6.24-	Discount
124759	09/30/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B328353	15.86	Hardware
124759	09/30/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B328353	1.59-	Discount
124759	09/30/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B328696	23.46	Adapter Drain
124759	09/30/2020	The Hardware Store	700-53870-240	REPAIRS & MAINTENA	B328696	2.35-	Discount
124760	09/30/2020	USA Blue Book	700-53870-340	OPERATING SUPPLIE	350712	333.91	Manhole cover
124760	09/30/2020	USA Blue Book	700-53830-340	OPERATING SUPPLIE	364985	117.13	TNT+Phosphorus reactive,
124761	09/30/2020	Walmart Community	700-53920-930	MISCELLANEOUS GE	07289	14.68	GV Towel
124761	09/30/2020	Walmart Community	700-53920-930	MISCELLANEOUS GE	07546	6.98	SD CIT 12Z
124762	09/30/2020	William/Reid LTD LL	700-53870-210	PROFESSIONAL SERV	57652A	4,907.50	Echosmart control
Grand Totals:						66,938.46	

Report Criteria:

Include transaction count
 Journal Code.Journal code = "CDJE"
 Account.Account number = "700"

Date	Reference Number	Payee or Description	Account Number	Account Title	Debit Amount	Credit Amount
09/11/2020	12	to record amazon payment	700-53830-273	TOOLS	78.25	
09/11/2020	13	to record amazon payment	700-53830-273	TOOLS	34.99	
09/11/2020	14	to record amazon payment	700-53830-273	TOOLS	49.00	
09/11/2020	16	to record amazon payment	700-53830-273	TOOLS	345.92	
09/11/2020	17	to record amazon payment	700-53830-273	TOOLS	18.01	
09/11/2020	31	to record amazon payment	700-53830-273	TOOLS	299.00	
09/11/2020	33	to record amazon payment	700-53830-273	TOOLS	499.80	
09/11/2020	47	to record amazon payment	700-53830-273	TOOLS	399.20	
09/11/2020	57	to record amazon payment	700-53830-273	TOOLS	25.50	
09/11/2020	58	to record amazon payment	700-53830-273	TOOLS	139.50	
09/11/2020	59	to record amazon payment	700-53830-273	TOOLS	49.71	
09/11/2020	15	to record amazon payment	700-53830-325	SAFETY PROGRAM	126.48	
09/11/2020	28	to record amazon payment	700-53830-340	OPERATING SUPPLIES	60.74	
09/11/2020	49	to record amazon payment	700-53840-240	REPAIRS & MAINTENANCE	102.70	
09/11/2020	18	to record amazon payment	700-53870-340	OPERATING SUPPLIES	131.42	
09/11/2020	41	to record amazon payment	700-53870-340	OPERATING SUPPLIES	1,376.41	
09/11/2020	42	to record amazon payment	700-53870-340	OPERATING SUPPLIES	169.99	
09/11/2020	43	to record amazon payment	700-53870-340	OPERATING SUPPLIES	199.99	
09/11/2020	45	to record amazon payment	700-53870-340	OPERATING SUPPLIES	222.76	
09/11/2020	46	to record amazon payment	700-53870-340	OPERATING SUPPLIES	129.72	
09/11/2020	48	to record amazon payment	700-53870-340	OPERATING SUPPLIES	326.46	
09/11/2020	30	to record amazon payment	700-53920-310	OFFICE SUPPLIES	12.92	
09/11/2020	32	to record amazon payment	700-53920-310	OFFICE SUPPLIES	51.96	
09/11/2020	44	to record amazon payment	700-53920-310	OFFICE SUPPLIES	26.96	
09/11/2020	8	to record amazon payment	700-53920-930	MISCELLANEOUS GENERAL EXPENSES	12.99	
09/11/2020	11	to record amazon payment	700-53920-930	MISCELLANEOUS GENERAL EXPENSES	5.49	
Total 920:					<u>4,895.87</u>	<u>.00</u>
*** Journal is out of balance: \$4,895.87 ***						
Grand Totals:					<u>4,895.87</u>	<u>.00</u>

Report Criteria:

Include transaction count
 Journal Code.Journal code = "CDJE"
 Account.Account number = "700"

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
124493	09/02/2020	EcoLite International	100-53300-340	OPERATING SUPPLIE	ECO-I-1200831001	811.42	POST TOP RETRO
124496	09/02/2020	MODERN DISPOS	100-53620-000	GARBAGE & REFUSE	94264	19.00	GARBAGE & REFU
124499	09/02/2020	The Hardware Store	100-53300-340	OPERATING SUPPLIE	B326675	21.48	Insul foam
124499	09/02/2020	The Hardware Store	100-53300-340	OPERATING SUPPLIE	B326675	2.15-	DISCOUNT
124499	09/02/2020	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	B327328	27.96	HARDWARE
124499	09/02/2020	The Hardware Store	100-53240-240	REPAIRS & MAINTENA	B327328	2.80-	DISCOUNT
124500	09/02/2020	We Energies	100-53230-221	HEATING - GAS	2463-120-696 8/20	27.92	GAS-1234 S Water -
124501	09/02/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161034-6 8/20	19.23	Electric-107 N Wate
124501	09/02/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-8821941-6 8/20	54.11	Electric-517 N Wate
124501	09/02/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-9213733-6 8/20	112.09	116 W Main-Bridge
124515	09/04/2020	KWIK TRIP INC	100-53240-371	GAS/OIL	319405 8/20	1,533.20	GAS CHGS - Street
124525	09/04/2020	SPARTA COOPERA	100-53240-371	GAS/OIL	5127 8/20	273.11	Gas chgs-Aug, 2020
124527	09/04/2020	TITAN MACHINERY	100-53240-240	REPAIRS & MAINTENA	14436779-GS	200.00	Trucking back
124560	09/09/2020	AT & T MOBILITY	100-53230-391	TELEPHONE	287295170288X090	41.26	Street Sup
124560	09/09/2020	AT & T MOBILITY	100-53230-391	TELEPHONE	287295170288X090	71.98	Ipad 1-2 Streets
124562	09/09/2020	BOYS & GIRLS CL	100-53100-320	PUBLICATIONS/SEMIN	20.084	190.00	Golf Team Registrati
124566	09/09/2020	Dicke Tool Company	100-53340-340	OPERATING SUPPLIE	830510	160.00	RUP Sewn pkts WI
124570	09/09/2020	Mathy Construction	100-53300-340	OPERATING SUPPLIE	5200018400	1,346.33	186 COLD MIX
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 9/20	21.48	Electric-401 Century
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 9/20	45.09	Electric-101 W Fran
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 9/20	70.58	Electric-1302 W Wis
124582	09/09/2020	XCEL ENERGY	100-53510-220	ELECTRIC	52-6161038-0 9/20	270.39	Electric-12040 Cty
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 9/20	40.89	Electric-601 Alpine
124582	09/09/2020	XCEL ENERGY	100-53230-220	ELECTRIC	52-6161038-0 9/20	222.46	Electric-1234 S Wat
124582	09/09/2020	XCEL ENERGY	100-53510-220	ELECTRIC	52-6161038-0 9/20	85.35	Electric-12040 Cty
124582	09/09/2020	XCEL ENERGY	100-53510-220	ELECTRIC	52-6161038-0 9/20	39.17	Electric-12040 Cty
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 9/20	39.38	Electric-1015 S Blac
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 9/20	21.65	Electric-803 S Black
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 9/20	29.09	Electric-802 W Wisc
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-6161038-0 9/20	7,674.22	Electric-Auto Protect
124582	09/09/2020	XCEL ENERGY	100-53510-220	ELECTRIC	52-6334618-9 8/20	34.27	Electric-Airport Bldg
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-8821676-4 8/20	39.08	Electric-208 S Water
124582	09/09/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-8821940-5 8/20	302.66	Electric-109 N Wate
124586	09/11/2020	MODERN DISPOS	100-53620-000	GARBAGE & REFUSE	91120	17,608.92	GARBAGE & REFU
124587	09/11/2020	PERKINS OIL	100-53240-371	GAS/OIL	0093737-IN	884.20	BULK ROTELLA T4
124592	09/11/2020	UTILITY SALES & S	100-53330-340	OPERATING SUPPLIE	0070851-IN	1,767.63	ANNUAL AERIAL I
124592	09/11/2020	UTILITY SALES & S	100-53240-240	REPAIRS & MAINTENA	0070852-IN	450.00	ANNUAL AERIAL IN
124592	09/11/2020	UTILITY SALES & S	100-53240-240	REPAIRS & MAINTENA	0208016-IN	118.98	cover guard rotator
124593	09/11/2020	Verizon Wireless	100-53100-391	TELEPHONE	9861967083	46.20	Public Works
124593	09/11/2020	Verizon Wireless	100-53230-391	TELEPHONE	9861967083	38.01	Streets Ipad
124610	09/17/2020	CenturyLink	100-53510-391	TELEPHONE	301283737-AUG.20	178.70	Telephone-Airport
124610	09/17/2020	CenturyLink	100-53230-391	TELEPHONE	301283737-AUG.20	62.89	Telephone
124617	09/17/2020	Fire Protection Spec	100-53510-340	OPERATING SUPPLIE	1144552642	54.30	ANNUAL ON SITE
124622	09/17/2020	Mathy Construction	100-53440-340	OPERATING SUPPLIE	5200018424	7,634.00	STORM
124628	09/17/2020	RIVER STATES TR	100-53240-240	REPAIRS & MAINTENA	571050	284.31	FUEL FIL/ELEMEN
124682	09/24/2020	METCO	100-53510-371	GAS/OIL	187994	198.00	Dispenser repair
124690	09/24/2020	ST JOSEPH EQUIP	100-53240-240	REPAIRS & MAINTENA	P466383	297.21	Engine filter
124691	09/24/2020	TITAN MACHINERY	100-53240-240	REPAIRS & MAINTENA	14446281	1,310.00-	Wheel loader inv 14
124691	09/24/2020	TITAN MACHINERY	100-53240-240	REPAIRS & MAINTENA	14490358-GS	1,063.26	Reseal Cylinders
124691	09/24/2020	TITAN MACHINERY	100-53240-240	REPAIRS & MAINTENA	14502493GP	138.05	Repair kit
124691	09/24/2020	TITAN MACHINERY	100-53240-240	REPAIRS & MAINTENA	14517364-GS	637.14	Reseal Cylinders
124692	09/24/2020	TRAFFIC & PARKIN	100-53340-340	OPERATING SUPPLIE	I678452	218.70	HIP Dead end
124699	09/24/2020	XCEL ENERGY	100-53510-220	ELECTRIC	52-0793737-9 9/20	41.57	Electric-12040 Cty
124699	09/24/2020	XCEL ENERGY	100-53420-000	STREETE LIGHTING	52-7351573-2 9/20	39.58	Electric-318 S Chest
124700	09/28/2020	ADVANCE AUTO P	100-53240-240	REPAIRS & MAINTENA	1580-339935	26.57	Hose bulk
124718	09/28/2020	TRAFFIC & PARKIN	100-53340-340	OPERATING SUPPLIE	I677913	324.65	Student drop off sig
124718	09/28/2020	TRAFFIC & PARKIN	100-53340-340	OPERATING SUPPLIE	I678075	84.54	No thru traffic sign

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
124723	09/30/2020	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525097462	9.44	Fitting, fuel line
124723	09/30/2020	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525097552	5.99	STandard halogen
124723	09/30/2020	Auto Value Parts St	100-53240-371	GAS/OIL	525097792	43.96	DIESEL EXHAUST
124723	09/30/2020	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525097807	55.38	HD air fleet
124723	09/30/2020	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525097809	168.60	BO Special order
124723	09/30/2020	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525097942	7.80	HD coolant filter
124723	09/30/2020	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525097943	15.60	HD coolant filter
124723	09/30/2020	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525098093	10.28	HD Fuel fleet
124723	09/30/2020	Auto Value Parts St	100-53240-240	REPAIRS & MAINTENA	525098323	36.47	HD air fleetair constr
124746	09/30/2020	Hagen's Sales & Se	100-53330-340	OPERATING SUPPLIE	55068	24.49	Mix & bar oil
124746	09/30/2020	Hagen's Sales & Se	100-53330-340	OPERATING SUPPLIE	55150	35.98	NEW chains small s
124751	09/30/2020	MODERN DISPOS	100-53620-000	GARBAGE & REFUSE	93020	17,608.92	GARBAGE & REFU
124752	09/30/2020	MONROE COUNTY	100-53100-325	SAFETY PROGRAM	83020	179.55	DRUG TESTING
124752	09/30/2020	MONROE COUNTY	100-53300-240	REPAIRS & MAINTENA	83020	1.43	Nut - steel lock
124754	09/30/2020	MSA PROFESSION	400-54000-732	STREETS - RECONST	R00051042.0-23	13,437.50	Sparta dam repair to
124754	09/30/2020	MSA PROFESSION	100-53440-340	OPERATING SUPPLIE	R00051057.0-8	797.50	Icecap Rd Storm W
124756	09/30/2020	Schilling Supply Co	100-53240-240	REPAIRS & MAINTENA	792529-00	95.49	SPILFYTER WIPER
124757	09/30/2020	Service Plus Heatin	100-53230-340	OPERATING SUPPLIE	37468	46.00	413 Aprilaire filter m
124763	09/30/2020	ZEE MEDICAL SER	100-53240-240	REPAIRS & MAINTENA	54127790	116.95	Adv'd bandage, wou
Grand Totals:						<u>77,424.64</u>	

Date	Reference Number	Payee or Description	Account Number	Account Title	Debit Amount	Credit Amount
09/11/2020	20	to record amazon payment	100-53230-340	OPERATING SUPPLIES	22.82	
09/11/2020	21	to record amazon payment	100-53230-340	OPERATING SUPPLIES	56.17	
09/11/2020	22	to record amazon payment	100-53230-340	OPERATING SUPPLIES	11.95	
09/11/2020	38	to record amazon payment	100-53230-340	OPERATING SUPPLIES	21.95	
09/11/2020	19	to record amazon payment	100-53240-240	REPAIRS & MAINTENANCE	32.24	
Total 920:					145.13	.00
*** Journal is out of balance: \$145.13 ***						
Grand Totals:					145.13	.00

Check Number	Check Issue Date	Vendor Name	Invoice GL Account	Invoice GL Account Title	Invoice Number	Amount	Description
124500	09/02/2020	We Energies	600-53600-623	FUEL & POWER PURC	0072-378-771 8/20	10.62	GAS-Stannard Dr
124500	09/02/2020	We Energies	600-53600-623	FUEL & POWER PURC	1494-782-965 8/20	23.80	GAS-2050 Riley Rd
124500	09/02/2020	We Energies	600-53600-623	FUEL & POWER PURC	3691-118-861 8/20	10.62	GAS-202 Tower St
124500	09/02/2020	We Energies	600-53920-933	TRANSPORTATION	4203-487-249 8/20	9.24	GAS-N Chester St Nth
124500	09/02/2020	We Energies	600-53920-933	TRANSPORTATION	8027-738-976 8/20	9.24	GAS-N Chester St Sth
124525	09/04/2020	SPARTA COOPERA	600-53920-933	TRANSPORTATION	5128 8/20	404.40	Gas chgs-Aug, 2020
124560	09/09/2020	AT & T MOBILITY	600-53650-686	MAINTENANCE OF ME	287298369319X090	27.34	AMI System-Sept, 2020
124581	09/09/2020	WI STATE LAB OF	600-53630-642	OPERATION LABOR &	644367	26.00	Lab Fluoride
124582	09/09/2020	XCEL ENERGY	600-53600-623	FUEL & POWER PURC	52-8090251-0 9/20	230.54	Electric-1275 Icecap Rd
124582	09/09/2020	XCEL ENERGY	600-53600-623	FUEL & POWER PURC	52-8327905-4 9/20	3,078.40	Electric-2050 Riley Rd
124582	09/09/2020	XCEL ENERGY	600-53600-623	FUEL & POWER PURC	52-8327905-4 9/20	38.42	Electric-3185 Riley Rd
124593	09/11/2020	Verizon Wireless	600-53650-665	MISC EXPENSES TRA	9861967083	40.01	Water Jetpack & tablets
124593	09/11/2020	Verizon Wireless	600-53650-665	MISC EXPENSES TRA	9861967083	80.02	Water Jetpack & tablets
124607	09/17/2020	Brad Olson Electric	600-53650-665	MISC EXPENSES TRA	20-1765	2,402.23	Idaho booster station
124610	09/17/2020	CenturyLink	600-53600-626	MISC EXPENSES PUM	301283737-AUG.20	238.84	TELEPHONE - 4334
124610	09/17/2020	CenturyLink	600-53600-626	MISC EXPENSES PUM	301283737-AUG.20	198.33	Telephone-6719
124620	09/17/2020	JOHN DEERE FINA	600-53600-626	MISC EXPENSES PUM	1926475	11.99	valve brass
124622	09/17/2020	Mathy Construction	600-53650-683	MAINT TRANSMN & DI	5200018424	7,119.70	water
124683	09/24/2020	Midwest Testing LL	600-03460	METERS - TRANS & DI	5164	3,600.00	1.5 & 2" sensus chamber
124688	09/24/2020	Sparta Co-op Mr Tir	600-53920-933	TRANSPORTATION	224	597.08	Repairs to 2011 Chev Silve
124688	09/24/2020	Sparta Co-op Mr Tir	600-53920-933	TRANSPORTATION	224	31.13-	Deposit tax
124720	09/29/2020	Sparta Postmaster	600-53900-905	MISC CUSTOMER AC	9292020	819.13	3rd Qtr billing postage
124722	09/30/2020	All American Do It C	600-53600-626	MISC EXPENSES PUM	001-242813	21.95	Concrete mix gravel
124724	09/30/2020	B & B PLUMBING I	600-53630-652	MAINT. WATER TREAT	4023	155.30	REPAIR leak at well house
124732	09/30/2020	Civic Systems LLC	600-03911	COMPUTER & RELATE	CVC19782	2,775.00	Sensus Analytics Integratio
124733	09/30/2020	CLEAN WATER TE	600-53630-642	OPERATION LABOR &	9003871410	75.60	Water testing
124733	09/30/2020	CLEAN WATER TE	600-53630-642	OPERATION LABOR &	9003871594	53.55	Water testing
124733	09/30/2020	CLEAN WATER TE	600-53630-642	OPERATION LABOR &	9003881255	225.75	Coliform bacteria test, wate
124734	09/30/2020	Core & Main LP	600-03460	METERS - TRANS & DI	M853981	311.29	OMNI 3-4"
124734	09/30/2020	Core & Main LP	600-01540	PLANT MATERIAL-OP	M898601	455.00	Breakable kit fig
124734	09/30/2020	Core & Main LP	600-53650-687	MAINTENANCE OF HY	M898601	19.00	RODON hydrafinder
124734	09/30/2020	Core & Main LP	600-03460	METERS - TRANS & DI	M946686	64.28	Meter washers
124734	09/30/2020	Core & Main LP	600-01540	PLANT MATERIAL-OP	M969792	204.02	B/O upper rod
124734	09/30/2020	Core & Main LP	600-03460	METERS - TRANS & DI	M995741	30.00-	Returned M946686
124734	09/30/2020	Core & Main LP	600-01540	PLANT MATERIAL-OP	N012348	180.00-	Returned M898601 B/o Up
124739	09/30/2020	First Supply LLC	600-01540	PLANT MATERIAL-OP	12321608-00	236.99	REPr clamp
124742	09/30/2020	Gerke Excavating In	600-53650-685	MAINTENANCE OF SE	43565	889.00	REPair water @ 1608 High
124743	09/30/2020	Grainger	600-53630-652	MAINT. WATER TREAT	9644960396	673.52	3/4 HP pump
124752	09/30/2020	MONROE COUNTY	600-53920-921	OFFICE EXPENSES	83020	59.85	DRUG TESTING
124754	09/30/2020	MSA PROFESSION	600-53920-923	OUTSIDE SERVICES	R00051044.0-9	1,009.00	Water System Study 8/2-9/
124754	09/30/2020	MSA PROFESSION	600-53920-923	OUTSIDE SERVICES	R00051053.0-1	636.20	Nursing Home booster stati
124757	09/30/2020	Service Plus Heatin	600-53600-631	MAINT. STRUCTURE &	37488	68.00	Well house #9 replace ther
124758	09/30/2020	The Hardware Store	600-53600-626	MISC EXPENSES PUM	A371477	3.20	Hardware
124758	09/30/2020	The Hardware Store	600-53600-626	MISC EXPENSES PUM	A371477	.32-	Discount
124758	09/30/2020	The Hardware Store	600-53630-643	MISC EXPENSES WAT	B327588	27.75	Copper MIP, Union
124758	09/30/2020	The Hardware Store	600-53630-643	MISC EXPENSES WAT	B327588	2.78-	Discount

Grand Totals:

26,695.97

Report Criteria:

Include transaction count
 Journal Code.Journal code = "CDJE"
 Account.Account number = "600"

Date	Reference Number	Payee or Description	Account Number	Account Title	Debit Amount	Credit Amount
09/11/2020	35	to record amazon payment	600-53650-665	MISC EXPENSES TRANS & DISTR	26.91	
09/11/2020	60	to record amazon payment	600-53650-665	MISC EXPENSES TRANS & DISTR	285.99	
09/11/2020	37	to record amazon payment	600-53920-921	OFFICE EXPENSES	199.99	
Total 920:					512.89	.00
*** Journal is out of balance: \$512.89 ***						
Grand Totals:					512.89	.00

Report Criteria:

Include transaction count
 Journal Code.Journal code = "CDJE"
 Account.Account number = "600"

Sec. 7-94. - School zones.

(A) No person shall park a motor vehicle and no owner of a motor vehicle shall allow it to be parked for any period of time between the hours of 7:30 a.m. and 4:30 p.m. on school days on the following streets and public ways:

(1)The south side of East Franklin Street from the east line of North Spring Street to the west line of North Benton Street.

(2)The west side of North Benton Street from the south line of East Franklin Street to the north line of the driveway of the school parking lot.

(3)The east side of South L Street from the north line of West Oak Street to the south line of West Main Street.

(4)The west side of South L Street, commencing at the south side of Jefferson Avenue, thence 250 feet south.

(5)The south side of Pine Street from the east lot line of the property located at 217 North Rusk Ave. to the east line of the driveway of Lakeview School onto Pine Street.

(6)On the following streets and public ways, residential parking only from 7:30 a.m. to 4:30 p.m. school days only, to-wit:a.North side of West Montgomery Street from North Black River Street to Drake Street.b.South side of West Montgomery Street from Goodman Street to Drake Street.c.Goodman Street, Russell Street, Williams Street and Eyer Street.

(7)The east side of Spring Street for the first 360 feet south of Franklin Street.

(8)The West side of L for the first 150 feet North of Oak Street.(9)On the following streets and public ways, residential parking only, for the first 130 feet south of Central Avenue on the east side of North L Street.

(B) No person shall pick-up or drop-off students on West Division Street or Hart Rd. between the hours of 7:00 a.m. to 4:30 p.m. on school days.



MONROE COUNTY HIGHWAY DEPARTMENT

803 WASHINGTON STREET

SPARTA, WISCONSIN 54656

(608) 269 - 8740 / 269 - 8831 (FAX)

highways@co.monroe.wi.us

**DAVID H. OHNSTAD
HIGHWAY COMMISSIONER**

**WILLIAM PIEPER
FLEET MANAGER**

**REBECCA PITEL
OFFICE MANAGER**

TO Monroe County Towns, Cities and Villages
FROM David H. Ohnstad, Highway Commissioner
DATE 25 August 2020

On July 22nd the Board of Supervisors amended the Monroe County Code of Ordinances to permit the operation of ATV's and UTV's on all Monroe County highways. The ordinance applies only to county highways under the jurisdiction of Monroe County. Highways will be open to ATV traffic upon the posting of signs.

To implement the ordinance, the Highway Department has developed a strategy for the placement of signs to advise ATV/UTV operators and to provide notice to typical highway users that conflicting traffic may be present. The attached Standard Operating Policy includes sign placement criteria for county highways.

We will be installing a standard set and sequence of signs on all county highways; however, where a county highway extends into or through a village or city we want to coordinate route posting with the local jurisdiction. Please consider the following and contact me at your earliest convenience to confirm your preference.

If a city/village has adopted specific conditions for the operation of ATV's and UTV's (hours of operation, etc.) a sign, meeting MUTCD and WDNR guidance, advising of those conditions should be installed inbound at the corporate boundary.

- a. The city/village will be responsible for the signs advising of specific conditions. Signs may be ordered through the Highway Department.
- b. If ATV's/UTV's are not permitted on city/village streets, a sign advising of that restriction should be posted inbound at the corporate boundary.
- c. If all city/village streets are open to ATV's / UTV's without specific conditions, an "ALL CITY (VILLAGE) STREETS" supplemental plaque may be installed below the "ATV ROUTE" sign inbound at the corporate boundary.
- d. If all points of entry into the city/village are posted with a similar sign, posting individual streets within the city/village may not be necessary.

- e. Intersecting streets with specific operating criteria or limitations, or those that are closed to ATV/UTV traffic, should be posted individually.
- f. The Highway Department will install all ATV route signs on county highways within the city/village unless the city/village has submitted a route signing plan to the Highway Department for review and approval.
- g. The city/village is responsible for signing all interior city/village streets.

As all county highways in Monroe will be open to ATV / UTV traffic, it will also be important to coordinate placement of signs on town roads with the county's towns.

- a. If a town road provides a continuing route for ATV/UTV traffic, from or to a county highway, directly across from a state or county highway, the town should place a sign advising of any specific operating conditions inbound from the intersecting county highway, or may install an "ATV ROUTE" sign with an "ALL TOWN ROADS" supplemental plaque if all town roads are open without condition and an ATV ROUTE sign with a "DIRECTIONAL ARROW" supplemental plaque outbound at the intersecting county highway.
- b. If all points of entry into the town are posted with a similar sign, posting individual roads within the town may not be necessary.
- c. If a town road is not open to ATV / UTV traffic the town should place a "NO ATV TRAFFIC" sign inbound from the intersecting county highway.
- d. If a town road adjoins the town road or county highway of a neighboring town or county that is not open to ATV/UTV traffic, the town should place a "NO ATV TRAFFIC" sign outbound at the corporate boundary.
- e. If a town road intersects a state highway and no continuing route is provided, the town should place a "NO ATV TRAFFIC" at the end of the town road.
- f. The town is responsible for signing all town roads.

Our goal is to commence ATV route signing as soon as possible. Please contact me at your earliest convenience with the preferences of your town/city/village.

Should you have any question, please contact me at (608) 269 - 8739 or via e-mail at david.ohnstad@co.monroe.wi.us. Thank you for your consideration.

MONROE COUNTY HIGHWAY DEPARTMENT

STANDARD OPERATING POLICY #14-1 (SOP-14-1) REVISED

ESTABLISHMENT OF ATV/UTV ROUTES ON COUNTY TRUNK HIGHWAYS

PURPOSE:

To provide procedures and criteria for the establishment and management of ATV/UTV routes on County Trunk Highways within Monroe County.

JUSTIFICATION:

- The Monroe County Highway Committee recognizes that ATV/UTV use within the county is increasing despite a lack of established trails.
- ATV/UTV organizations and enthusiasts have consistently and repeatedly requested increased use of county highways for ATV/UTV travel.
- Legally established ATV/UTV routes require the adoption of a Monroe County ordinance by the Board of Supervisors that specifies routes and that adheres to the criteria for the establishment of such ordinance.
- ATV/UTV routes on county highways create significant safety concerns which must be considered along with any perceived benefit of such routes.

POLICY:

- A) This policy shall be administered by the Monroe County Highway Commissioner.
- B) The Monroe County Highway Commissioner is authorized to close a route for up to 60 days based on a safety concerns. The commissioner shall post the route as closed. Upon approval of the Monroe County Highway Committee, the closure may be extended for an additional 120 days.
- C) The Highway Department shall, exclusively, install and maintain all signs within county highway rights-of-way.
- D) All ATV routes shall be sponsored by a legally organized and insured group or Monroe County municipality.
- E) The route sponsor shall agree to timely reimburse the Highway Department for all costs of the acquisition, installation, maintenance and replacement of ATV route signs.
- F) The route sponsor(s) shall designate one (1) point of contact to receive and process payment of invoices for ATV routes in Monroe County.

- G) All invoices shall be paid by the route sponsor within sixty (60) days of receipt of the invoice.
- H) Failure to timely remit payment shall be cause for all ATV routes on County Highways to be closed.
- I) At the discretion of the Monroe County Highway Department:
1. An **ATV ROUTE** sign with an **ALL COUNTY HIGHWAYS** supplemental plaque shall be placed on all County Highways inbound at the territorial boundary of Monroe County, and at the beginning of each County Highway segment.
 2. County Highway segments shall be defined by county territorial limits, intersecting State Highways and corporate limits of cities and villages.
 3. An **ATV ROUTE** sign with a **DIRECTIONAL ARROW** supplemental plaque shall be placed at the end of each County Highway segment where a receiving County Highway, Town Road or Village Street is directly opposite the County Highway **and** is designated as an ATV Route by the authority having jurisdiction, or where the State Highway has been authorized by the Wisconsin Department of Transportation as an ATV crossing route.
 4. A **NO ATV TRAFFIC** sign shall be placed at the end of each County Highway segment that does not have a receiving route opposite the County Highway that has been designated by the authority having jurisdiction as an ATV route.
 5. Where a city or village has adopted an ATV ordinance that allows for ATV traffic within its corporate limits, and a County Highway also functions as a city or village street, the city or village may apply its strategy for ATV route signing within its corporate limits provided that its strategy does not conflict with the objectives of this policy. In the event the city or village has not adopted a signing strategy, this terms of this policy shall apply.
 6. Intersecting Town Roads and City or Village Streets should be signed in a manner reflective of the status of ATV regulation within the Town, City or Village and the guidance noted herein; however, each Town, City or Village shall be responsible for placing any sign, outside the County Highway right-of-way, either allowing or disallowing ATV traffic within its corporate limits.

- J) The Highway Department would salvage and re-use posts, signs and plaques from current ATV Route installations when possible, provided the posts remain viable and the signs and plaques are compliant with current design standards.
- K) All current installations would be removed from County Highway right-of-way with materials that cannot be re-used returned to the route sponsor.

ADOPTED: 18 JUNE 2020

MONROE COUNTY HIGHWAY COMMITTEE

Sharon Folcey, Chairman

David Pierce, Vice Chairman

Nodji VanWychen, Member

Remy Gomez, Member

Alan McCoy, Member

ORDINANCE _____

AN ORDINANCE REPEALING SECTIONS 44 -177, 44-178, 44-179, 44-180 AND 44-181 AND RECREATING SECTIONS 44 -177, 44-178, 44-179, 44-180, 44-181, AND CREATING SECTIONS 44-182 AND 44-183 OF THE MUNICIPAL CODE OF THE CITY OF TOMAH, MONROE COUNTY, WISCONSIN REGARDING ALL-TERRAIN AND UTILITY TERRAIN VEHICLES.

The Common Council of the City of Tomah, Monroe County, Wisconsin, does hereby ordain as follows:

SECTION ONE: That sections 44-177, 44-178, 44-179, 44-180 and 44-181 of the Municipal Code of the City of Tomah, Wisconsin be repealed and Chapter 44, Article VIII be created to read as follows:

Chapter 44, Article VIII ALL-TERRAIN VEHICLES AND UTILITY TERRAIN VEHICLES

Sec. 44-177. - Purpose

The City Council has considered the recreational and economic value of all-terrain vehicle and utility-terrain vehicle (ATV/UTV) routes and trail opportunities weighed against protecting the public safety, liability aspects, terrain involved, traffic density, and history of automobile traffic. After due consideration, this ordinance is created to establish all-terrain vehicle and utility terrain vehicle routes on public roadways and trails on the City property and to regulate the operation of such vehicles on such routes and trails to provide safe and healthful conditions for the enjoyment of ATV/UTV recreation consistent with public rights and interest pursuant to City authority under Wis. Stat. §§ 62.11(5), 23.33(8) and 23.33(11).

Sec 44-178. - Adoption of standards.

Except as otherwise provided in this chapter, the statutory provisions in Wis. Stat. Chs. 23, 340 to 348, and 350 establishing definitions and regulations with respect to ATVs and UTVs, and Wis. Adm. Code. Ch. NR 64, All-Terrain Vehicles, exclusive of any provisions therein relating to penalties to be imposed and exclusive of any regulations for which the statutory penalty is a fine or term of imprisonment, are hereby adopted and by reference made a part of this chapter as if fully set forth herein. Unless otherwise provided in this chapter, any act required to be performed or prohibited by any statute incorporated herein by reference is required or prohibited by this ordinance. Any future amendments, revisions or modifications of the statutes or administrative codes incorporated herein are made a part of this chapter in order to secure uniform statewide regulation of ATVs and UTVs, except to the extent that the provisions of this chapter are more restrictive.

Sec. 44-179. - ATV/UTV routes.

Unless otherwise posted, designated ATV/UTV routes include all public streets and alleys except connecting highways within the City of Tomah city limits. In addition, under Wis Stat. 23.33(11)(am)4, ATVs/UTVs are authorized to operate on STH 12, 16, and 131 where the speed limit is 35 MPH or less.

The Tomah Police Department may temporarily close any ATV/UTV route whenever conditions require closure.

Sec. 44-180. - Trail and route signs.

Designated ATV/UTV route and trail signs shall be installed and maintained in accordance with Wisconsin Administrative Code NR 64.12 (7).

- A. The City of Tomah is solely responsible for ATV/UTV route signage installation and no person may install any sign on a designated ATV/UTV route without written authorization of the City.
- B. All required signs shall be in accordance with state statutes and administrative codes applicable to ATV/UTV routes on public streets and bridge crossings.
- C. No person may erect, remove, obscure, or deface any authorized ATV/UTV route sign without written authorization of the City of Tomah.

Sec. 44-181. - Operation of ATVs and UTVs.

Operation of ATVs and UTVs on designated ATV/UTV routes shall be subject to all provisions of s. 23.33, Wis. Stats., which is adopted as a part of this ordinance by reference. In addition the following restrictions apply to operation of ATVs and UTVs on all city streets designated as ATV/UTV routes:

- A. ATVs and UTVs may only be operated on approved ATV/UTV routes from 6am – 10pm.
- B. ATVs and UTVs shall operate at a safe speed not to exceed the posted speed limits.
- C. No person under the age of 16 may operate an ATV or UTV on any segment of a street or highway in the City of Tomah.
- D. Every person who operates an ATV or UTV on any street or highway in the City of Tomah shall have in his or her immediate possession a valid motor vehicle operator's license. The ATV/UTV operator shall display the operator's license upon demand from any Law Enforcement Officer, State Patrol Officer, Inspector under Wisconsin State Stats 110.07(1), or Conservation Warden.
- E. No operator or passenger of an ATV or UTV may possess in or on an ATV or UTV on any street or highway in the City of Tomah, any bottle or receptacle containing alcohol beverages if the bottle or receptacle has been opened, the seal has been broken, or the contents of the bottle or receptacle have been partially removed or released.
- F. All ATV and UTV equipment is required to have applicable liability insurance and have proof of insurance.

SECTION TWO: Section 44-182 is hereby created to read as follows:

Sec. 44-182. -Notifications.

A copy of this ordinance shall be sent to the Wisconsin State Patrol, Monroe County Sheriff's Department and to the Wisconsin Department of Natural Resources.

SECTION THREE: Section 44-183 is hereby created to read as follows:

Sec 44-183. - Violations and penalties.

- A. Except as provided in Sec. 23.33(13)(am) to (e), Wis. Stat, any person who violates any section of this ordinance or statutes adopted by reference shall pay a forfeiture of not less than \$50.00 nor more than \$250.00 for each offense. Said forfeiture is exclusive of mandatory assessments and costs.
- B. The penalty for operating an ATV/UTV off the roadway of a designated ATV/UTV route to include the grassy in-slope, ditches, or other highway right-of-way; other than for direct access from a trail to a roadway on a designated trail, or operating outside of permitted times for route use, or operating in excess of permitted speed; shall result in a forfeiture of not less than \$100.00 nor more than \$250.00, as established in Wis. Stat. Chs. 23. Said forfeiture is exclusive of mandatory assessments and costs.
- C. In addition to any forfeiture, a court may order restitution to repair any damage caused by a violation of this chapter.

SECTION FOUR: Any Ordinance, or parts thereof, inconsistent herewith is hereby repealed.

SECTION FIVE: This Ordinance shall be published as required by law after passage by the Common Council. This ordinance shall be in full force and effect from and after its passage and publication as required by law and shall remain in effect unless amended or repealed by action of the Common Council of the City of Tomah.

Passed and approved this ____ day of January, 2020.

Michael Murray, Mayor

ATTEST:

JoAnn Cram, City Clerk

READ:

PASSED:

PUBLISHED:

* * *

Sparta Wastewater Treatment Facility (WWTF)
Primary Effluent/Return Activated Sludge Pump System Upgrades
September 2020

Description

The primary effluent/return activated sludge pump system consists of 4 submersible pumps which transfer wastewater flow to the main biological treatment system, the activated sludge process. All influent flows and the flow of return activated sludge (RAS) is pumped with this system. RAS flow rates typically are about 75% of the influent flow rates. Total flow rates are about 175% of the total flow rate coming into the facility. For example, when the average influent flow rate of 1.5 MGD occurs, the primary effluent/return activated sludge pump system needs to pump 2.625 MGD or 1,800 GPM. Typical operations require the use of 2 or 3 pumps with one pump as standby.

Current Operation

The current operation for the primary effluent/return activated sludge pump system is based on the 1992 design of the WWTF. It consists of 4 submersible pumps, two having 20 HP motors and two having 25 HP motors. The pumps are controlled using a pressure transducer which measures water level in the pump station wet well. When water level raises to a certain level, one pump starts and runs. If the water level continues to rise, a second pump will start and run. When water levels drop, pumps shut down. This operation has run well over the years however it does send a pulse flow through the activated sludge treatment system which at times does cause some operation challenges. This is especially so when high flow rates occur. This results in stress for the biology and poorer effluent quality.

Proposed Upgrades

The proposed upgrades to the primary effluent/return activated sludge pump system is to replace two of four submersible pumps (one 25 HP unit and one 20 HP unit) with the same type of submersible pump which will allow the continued use of the bottom brackets and other pump support equipment. One of the current pumps has over 31,000 hours of use. Typical submersible pumps are expected to run up to 20,000 hours. In addition to replacing the two pumps, the upgrade will include adding variable speed drives (VFDs) to the two new pumps. This addition will allow the pumps to operate at different speeds and lower flow rates. Under this operation mode, the pumps will run more continuous, speeding up when high flows occur and slowing down when flows are low. This will also reduce the number of start and stops of the pumps which is also better for extending the life of the pump. The variable flow pumped to the activated sludge system is also a benefit for the operation of the system and will improve the final effluent quality discharged to the river.

Proposed Upgrade Costs/Suppliers

• Two Fairbanks Nijhuis 6” pumps, one 20 HP and one 25 HP, 1,200 to 2,000 gpm capacity	\$49,270.00
• Two VFD Control Units with System Programming, Eaton VFD control panels, wall mounted enclosures, existing SCADA control system upgrades	\$31,240.00
• Electrical conduit/wiring from existing MCC to new wall mounted VFD control units	<u>\$16,377.66</u>
Total Proposed Costs	\$96,887.66

Brad Olson Electric (does most of the electrical work at the WWTF) will complete the electrical work.

L.W. Allen (has completed most of the SCADA /control at the WWTF) will supply pumps and VFDs and programming.

Equipment Replacement Fund For WWTF

Funding in the existing equipment replacement fund will be used for these proposed costs. This fund was established with the 1992 WWTF upgrades and continues to be funded each year. This fund was established to fund replacement equipment as needed at the WWTF. The primary effluent/return activated sludge pumping system is an integral part for the successful operation of the WWTF. This upgrade will also improve operations from current operations.

Schedule

Following shop drawing approvals for the pumps and VFD control, there is an 8-12 week delivery time. It is planned to have these upgrades completed in December.