

GLENBARD WASTEWATER AUTHORITY

Executive Oversight Committee

Agenda

November 12, 2019

6:00 p.m.

Meeting will be held in the

Clayton North Room

Village of Glen Ellyn Civic Center

535 Duane Street

Glen Ellyn, Illinois

1. Call to Order
2. Roll Call
3. Pledge of Allegiance
4. Public Comment
5. Consent Agenda – The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

*Motion the EOC to approve the following items including Payroll and Vouchers the month of September and October 2019 totaling \$1,266,521.27 (Trustee Christiansen).*

- 5.1 Executive Oversight Committee Meeting Minutes:  
October 2, 2019 EOC Meeting
- 5.2 Vouchers Previously Reviewed by: Trustee Christiansen  
September 2019  
October 2019
6. Approval to purchase CHP Media

Prior to digester gas being used in the CHP's, the gas needs to be "scrubbed" in order to remove siloxanes and hydrogen sulfide, in order to help preserve the life of the engines. Although the life of the media is tracked, due to varying usage and gas conditions, it is difficult to exactly predict when the media will be reaching its useful life. Since there is little expiration notice, and the media has a long shelf life, we prefer to have the media onsite and available to keep the down time of the engines to a minimum.

In the 2019 GWA budget, staff allocated \$50,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. Therefore, *we motion the EOC to authorize approval to purchase CHP media from Unison Solutions in the amount of \$39,185.75*

7. *Next EOC Meeting* – The next scheduled EOC Meeting is set for **Wednesday, December 4 at 8:00 a.m. in the Conference Room at the Glenbard Wastewater Authority, 945 Bemis Road, Glen Ellyn, IL 60137**

**SECTION 5.0**

**CONSENT AGENDA**

# **SECTION 5.1**

## **MINUTES FROM THE OCTOBER 2, 2019 MEETING**

GLENBARD WASTEWATER AUTHORITY  
Executive Oversight Committee  
Minutes  
October 2, 2019  
Meeting held at the Glenbard Wastewater Plant  
945 Bemis Road, Glen Ellyn, IL

Members Present:

Keith Giagnorio	President, Village of Lombard
Kelli Christiansen	Trustee, Village of Glen Ellyn
William Ware	Trustee, Village of Lombard
Mark Franz	Village Manager, Village of Glen Ellyn
Scott Niehaus	Village Manager, Village of Lombard
Julius Hansen	Public Works Director, Village of Glen Ellyn
Carl Goldsmith	Public Works Director, Village of Lombard

Others Present:

Matthew Streicher	Executive Director, GWA
Tom Romza	Assistant Director/Engineer, GWA
Richard Freeman	Electrical Superintendent, GWA
David Goodalis	Operations Superintendent, GWA
Ashley Staat	Environmental Resources Coordinator, GWA
Christina Coyle	Finance Director, Village of Glen Ellyn
Gayle Lendabarker	Administrative Secretary, GWA

1. Call to Order at 8:01 a.m.
2. Roll Call: President Giagnorio, Trustee Christiansen, Trustee Ware, Mr. Franz, Mr. Niehaus, Mr. Goldsmith, and Mr. Hansen answered "Present". President McGinley was used.
3. Pledge of Allegiance – Trustee Ware
4. Public Comment
5. Consent Agenda - The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

*Motion the EOC to approve the following items including Payroll and Vouchers for part of the month of August 2019 totaling \$1,144,670.10 (Trustee Christiansen).*

**Mr. Niehaus motioned and Mr. Franz seconded the MOTION that Consent Agenda item 5.3 be tabled and to approve the remaining items on the Consent Agenda be approved. President Giagnorio, Trustee Christiansen, Trustee Ware, Mr. Franz, Mr. Niehaus, Mr. Hansen and Mr. Goldsmith responded "Aye" during a roll vote. The motion carried.**

- 5.1 Executive Oversight Committee Meeting Minutes:
  - August 8, 2019 EOC Meeting
- 5.2 Vouchers previously reviewed by Trustee Christiansen
  - August 2019
- 5.3 Approval to purchase CHP Gas Scrubbing Media

Prior to digester gas being used in the CHP's, the gas needs to be "scrubbed" in order to remove siloxanes and hydrogen sulfide, in order to help preserve the life of the engines. Although the life of the media is tracked, due to varying usage and gas conditions, it is difficult to exactly predict when the media will be reaching its useful life. Since there is little expiration notice, and the media has a long shelf life, we prefer to have the media onsite and available to keep the down time of the engines to a minimum.

In the 2019 GWA budget, staff allocated \$50,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. Therefore, *we motion the EOC to authorize approval to purchase CHP media from Unison Solutions in the amount of \$26,801.75*

***Mr. Streicher made the request to have this item tabled prior to the Consent Agenda's approval. Mr. Niehaus amended the Consent Agenda motion to reflect the removal of the item.***

- 5.4 Retroactive Approval of Sandblasting and Coating of Thickener Bridge

The existing gravity thickener at the Glenbard Wastewater Authority has not been repainted since being put in service many years ago, therefore, it was budgeted to sandblast and repaint elements of the catwalk structure that are above the water level. This project was originally budgeted in CY2016 but deferred for several years due to budgetary needs for other projects, and therefore is now overdue. All elements of the thickener were inspected by the maintenance department the summer of 2016 and determined to be structurally sound, and all elements under the water level were determined to not need painting. The scope for this project is to set up scaffolding, cover the drive unit, perform sandblasting of the existing catwalk structure and handrail, remove the sand from the covered tank and apply paint to existing catwalk structure and handrail. The sand will be allowed to be disposed on site in order to save costs.

Based on qualifications and price, staff motions the EOC to authorize awarding the project to **G.P. Maintenance Services Inc.** for the amount of **\$49,700.00**. In this year's budget number 40-580150, \$40,000 is allocated towards "Clarifier Mechanism and Bridge Painting." Although \$9,700 over budget, sufficient funds

remain in this line item. During the past month two capital projects have been completed in-house by the maintenance staff resulting in significant savings. *This item was approved by Village Manager Franz and Public Works Director Hansen on September 16, 2019, but is seeking retroactive approval from the EOC.*

6. Amendment #1 to Black & Veatch's Construction Contract

In March 2016, just prior to the Facility Improvement Project being bid out, the EOC approved a construction oversight contract with the design engineer for the project, Black & Veatch (B&V), for the amount of \$706,943. The Authority recommended that B&V oversee the construction management on a part-time basis due to the critical details involved with the design. The Authority had worked closely with B&V on reducing the amount of oversight required due to the hiring of an Assistant Director/Engineer.

Due to the progress of the project, and many other conditions explained in the attached memo, Black & Veatch is now requesting an amendment to their existing contract so that they are able to continue construction management until the completion of the project. Black & Veatch met with the TAC and explained several terms highlighted in the memo.

***It's motioned that the EOC authorize GWA to amend the construction contract with Black & Veatch for an amount of \$300,000 with the ability to amend the contract at \$324,000 should Black and Veatch not agree to the discounted price. This is anticipated to carry the contract through the remainder of the FIP project, barring any unforeseen delays. These funds would come out of the 40-580180 budget, and have been appropriately placed in the CY2020 budget.***

*Mr. Streicher stated that the proposed contract amendment is to catch Black & Veatch up on payment for services for work they have continued to perform on the FIP project after their contract expired in November of 2018; additionally, the amendment will cover costs for construction oversight services through the anticipated completion date. Mr. Streicher indicated that Mr. Romza is still providing in-house oversight, Black & Veatch's is still needed due to the scope of the project.*

*Mr. Streicher indicated that the TAC and Mr. Niehaus met with Black & Veatch to get a better understanding of what they were looking for and discuss what GWA was willing to do. Mr. Streicher advised that Mr. Niehaus recommended a counter-proposal of \$300,000 to the \$324,000 that Black & Veatch had requested and is awaiting a response.*

*Mr. Niehaus explained that when the TAC zeroed in on the percentage based on the overall construction price, it was identified that the initial contract for oversight services was on the low end of the spectrum; and given the extra effort we have seen with all of the complications on this project, the additional \$300,000 would put them in line with the industry standard of the percentage basis of construction engineering that VOL typically sees in its projects. Mr. Niehaus added this it is a justifiable price and that every effort needs to be made for them to complete the project for the proposed \$300,000 amount;*

*authorization for the higher amount is being requested in the event they come back at a higher price, Black & Veatch will have to justify the higher amount.*

*Mr. Streicher added that the liquidated damages GWA would be seeking from Boller for going beyond the November contracted completion date, will assist in covering some of the additional engineering costs. Mr. Niehaus asked if the additional funds were allocated in the budget that the EOC will be recommending for approval at the GWA Full Board meeting in November. Mr. Streicher advised the total was included in the FY2020 budget totals that will be approved by the EOC Committee under Agenda Item 7.0.*

***Trustee Ware motioned and Mr. Niehaus seconded the Motion to award RPS Engineering the contract in the amount of \$38,300 for the Polyester Formed RFP Covers for the Screw Pump Station. The funds will be allocated from the CY019 Approved Budget, Fund 40-580150 Plant Rehabilitation Fund. President Giagnorio, Trustee Christiansen, Mr. Franz, Mr. Niehaus, Mr. Goldsmith, and Mr. Hansen responded "Aye" during a roll vote. The motion carried.***

#### 7. CY2020 Budget Approval

Enclosed is a memo summarizing the highlights of the draft CY2020 budget, along with the draft budget itself.

***Motion the EOC to authorize approval of the CY2020 Budget to the Full Boards of Glen Ellyn and Lombard.***

*Mr. Streicher referred the EOC Committee members to the cover memo included in the packet highlighting increases in the O&M budget, with the largest increase in the Maintenance Fund due to the potential of the CHP engines hitting a service hour milestone that will require a significant overhaul per the manufacturer's recommended service plan and the Capital plan which results in an overall budget increase of 3.3% for CY2020. Mr. Streicher highlighted the agreed to 3% increase in the contributions from the Villages to the Capital fund to sustain funding for future capital projects.*

*Mr. Franz highlighted that over the course of time that GWA has lowered personnel costs over the last twenty years (20) with the switch to the SCADA system and the facility has been able to run efficiently while keeping staffing need lean as well as the reduction in utility costs from \$1.2 million a year to around \$600,000 so the staff has done a lot of work to reduce overall utility costs. Mr. Streicher indicated that Trustee Christiansen has pointed out that in CY2019 utilities is projecting to go over budget and that some of the key contributors are the use of dewatering pumps for the FIP project, 2019 being a wet year, meaning high flows and more pumping, and issues with the new disc filters causing the backwash pumps to run virtually non-stop.*

*Nr. Niehaus indicated that he would like to schedule a tour with the three new Village of Lombard trustees with the purpose of them touring the facility and then explaining the*

*budget to them more in-depth so they have a better understanding of how the funds are being spent since the Village of Lombard is seeing a 5.5% increase in their share of the budget even though the overall budget is only the 3.3% as the calculations are based on flow percentages.*

***Mr. Goldsmith motioned and Trustee Ware seconded the motion to approve the Glenbard Wastewater Authority's CY2020 Budget and submit to the GWA Full Board for approval. President Giagnorio, Trustee Christiansen, Trustee Ware, Mr. Franz, Mr. Niehaus and Mr. Hansen responded "Aye" during a roll vote.***

8. 1S641 Sunnybrook Road Parcel Purchase

In late 2018 the property owner at 1S641 Sunnybrook, directly adjacent to GWA to the North (as seen outlined in blue on the enclosed aerial photo), approached the Authority in regards to the purchase of his parcel. Although there is no immediate need for this property, it will most likely eventually have a potential use in the future, therefore consideration was given to purchasing it since it is contiguous with the Authority's existing property line. Per the EOC's direction and authorization in closed sessions, an appraisal was obtained, and negotiations ensued. A deal was agreed upon, with the agreed purchase price of \$450,000, with the additional term that the seller would be allowed to stay at the property for the period of 1-year after the sale without paying a rent. The Authority will not be liable for anything while the seller is still living on the premises, and will not act as a landlord. The Authority's attorney has drafted the enclosed purchase agreement, which the Authority can enter into after the EOC has approved the use of the funds.

*Motion the EOC to authorize the use of capital funds to purchase 1S641 Sunnybrook Road, Glen Ellyn, Illinois for the price of \$450,000. This purchase is included in the 40-580180 capital budget.*

*Mr. Streicher indicated that an agreement has been reached to purchase this property and while there have been several Executive Sessions to discuss the purchase, approval and authorization needs to be given by the EOC Committee in an open session. Mr. Streicher indicated that the EOC Committee needs to approve the funds for the purchase as well as grant either himself or Mr. Franz authorization to sign the purchase agreement; which will trigger the setting of a closing date for October 30, 2019.*

*Mr. Streicher highlighted that the current property seller will be granted a post occupancy rent free lease for the period of twelve months. Mr. Streicher indicated that during his last meeting with the seller, they asked if the lease period could be extended till February 1, 2021; Mr. Streicher advised the seller that he would bring the request to the EOC Committee for approval. Mr. Streicher indicated that the seller made the request as he would be moving just prior to the holidays and would like to move after the holidays. Mr. Niehaus recommended that the agreement should stand as outlined in the*



*purchase agreement and if the need arises an extension can be discussed at that point in time.*

*Trustee Ware inquired as to the size of the property. Mr. Streicher advised that the property is one and half acres and is adjacent most of the plant's northern property line.*

*Mr. Franz asked if GWA is responsible for any maintenance of the house or property. Mr. Streicher indicated that GWA will be responsible for the lawn care excluding the fenced in area for their pet; otherwise, we are not landlords and the sellers are responsible for any mechanical repairs that may be needed during their lease. Mr. Streicher explained that the thought about the lawn care is that if they sellers were to vacate the property upon closing, GWA would be responsible either way. Mr. Streicher added that GWA will not be responsible for snow removal since this is work performed by GWA staff and did not want to be calling in personnel on a weekend or be responsible for determining what is an adequate level of removal.*

*Mr. Franz added that the Village of Glen Ellyn will have this purchase on their Village Board Agenda at an October 14, 2019 meeting to help facilitate meeting the October 30 2019 closing date.*

***Mr. Franz motioned and Mr. Niehaus seconded the motion to authorize the use of capital funds to purchase 1S641 Sunnybrook Road, Glen Ellyn, Illinois for the price of \$450,000. The expense will be charged against Capital Fund 40-580180. President Giagnorio, Trustee Christiansen, Trustee Ware, Mr. Franz, Mr. Niehaus and Mr. Hansen responded "Aye" during a roll vote.***

## 9. Discussion

### 9.1 Facility Improvement Project Update

*Mr. Romza advised that there has been some progress with the pouring of the concrete walls of the wet well, after the delays regarding the box outs in the walls but there is still a lot more to do. Mr. Romza added that dewatering is still taking place and discussions concerning the costs will need to take place as the current calculations reflect costs GWA is reportedly liable for approximately \$500,000; while he and Mr. Streicher feel the number should be more in the range of \$200,000. Mr. Romza advised that they are pumping 2,000/gpm which is a key number is calculating the costs.*

*Mr. Romza stated that an RFP had been submitted to Boller for upgrading the hypo pumps and anticipates a change order as a result of the upgrade.*

*Mr. Romza indicated an updated schedule for completion was received with the substantial completion date projected as July 29, 2020.*

*Mr. Franz indicated that based on conversations he had during an inspection of the site and the extension of the contract with Black & Veatch, he asked if the project was to go beyond the July 29, 2020 date, how does GWA protect itself from additional costs for engineering. Mr. Streicher indicated that Black & Veatch has posed this question during contract extension discussions and their approach is that it will be easier to pursue the contractor for the additional costs on top of the liquidated damages if the project goes beyond the July 29<sup>th</sup> date. Mr. Streicher added that once the contractor missed the contract completion date. Mr. Franz stated that once November comes around and Boller misses the November completion date a letter outlining what costs they are expected to cover will should be drafted and waiting to send.*

*Mr. Franz also inquired as to whether or not Boller would be liable for the \$300,000 change order for Black & Veatch. Mr. Streicher advised that as Boller has not missed the November 2019 contracted completion date, they would not; however, liquidated damages offset some of the costs. Mr. Streicher further explained that when Boller does go beyond the July 2020 date then another amendment could be required and Boller could be liable for the additional engineering costs, in addition to the liquidated damages.*

*Mr. Goldsmith asked if the project went beyond July 2020, would Black & Veatch request a contract extension. Mr. Streicher advised they could, unless the new contract extension had not been exhausted. Mr. Streicher indicated that he intends to reach out to GWA's attorney, Greg Dose, to make sure everything is lined up and ready to go after Boller when they miss the November 17th or 19th, 2019 deadline, GWA can immediately take the necessary steps to claim liquidated damages.*

*Mr. Goldsmith asked what the per day liquidated damages amount. Mr. Streicher advised the amount is \$2,500 per day regardless of whether or not GWA experiences any damages.*

*Mr. Franz asked how a contractor handles liquidated damages. Mr. Goldsmith advised that typically the amount is deducted from any final payoff due the contractor. Mr. Goldsmith asked for confirmation that the EOC Committee had not approved any change order that would extend the time for the project to be completed. Mr. Streicher advised that there have been no changes that include a date change since Change Order #3 and Boller has not requested one either.*

*Mr. Franz asked if Boller had gotten beyond the hard part of the project wherein another contractor could be brought in. Mr. Goldsmith indicated that the company that issued the bond would be make the decision on a replacement contractor and there would be no guarantees that they would*

*be better than Boller. Mr. Romza indicated that the most recent concrete pour took place ahead of Boller's schedule by two weeks and hopes that it is a sign that they are going to momentum and meet the July 2020 deadling.*

- 10. Other Business
  - 10.1 Technical Advisory Committee Updates
  - 10.2 Pending Agenda Items
  - 10.3 Full Board Meeting – November 12, 2019

*Mr. Streicher advised that with the Full Board meeting just days before the regularly schedule EOC Committee, GWA will not have any items for EOC Committee approval in November; however, there will be items requiring approval requiring a December meeting: purchase approval for the CHP media, possibly the Electrical Distribution contract and engineering design contract for the Biosolids Dewatering design contract. Mr. Streicher indicated that while the dewatering project, design phase, is budgeted for C2020; the engineer stated they would hold all billing until after January 1, 2020. Mr. Streicher stated that the need to begin the design work sooner rather than later is that the GWA intends to pursue funding for the project through the IEPA's SRF and a completed and approved design is required as part of the application package. Mr. Niehaus recommended working through Gayle Lendabarker to determine an early December that works best for everyone.*

*Mr. Franz inquired as to the status of the Electrical Distribution project since it seems that the start of the project is being deferred until 2020. Mr. Streicher deferred to Mr. Freeman who indicated that the design work is progressing slowly and anticipates final design work to be completed with in a two to four weeks, with the bidding process completed and contract ready for award at the next EOC Committee meeting. Mr. Streicher indicated that there will also be a \$17,000 design amendment on the next agenda as a result of adding UNOX design work to the project.*

*Ms. Lendabarker asked what time will the Full Board meeting start on November 12, 2019. Mr. Franz indicated that the meeting will be held in the Clayton North meeting room at the Civic Center. Trustee Ware suggested a six o'clock start time. Mr. Franz confirmed the six o'clock start time.*

- 11. ***Next EOC Meeting*** – The next regularly scheduled EOC Meeting is set for Thursday, November 14, 2019 at 8:00 a.m. The September EOC meeting will still be held ***in the Conference Room at the Glenbard Wastewater Authority, 945 Bemis Road, Glen Ellyn, IL 60137.***

**Trustee Ware moved to adjourn the October 2, 2019 EOC Meeting and Mr. Niehaus seconded the MOTION. President Giagnorio, Trustee Christiansen, Trustee Ware,**

EOC Meeting/October 2019  
Minutes

***Mr. Franz, Mr. Niehaus, Mr. Hansen and Mr. Goldsmith, responded “Aye” during a roll vote. The motion carried. The meeting adjourned at 8:28 a.m.***

Submitted by:

---

Gayle A. Lendabarker  
GWA Administrative Secretary

**SECTION 5.2**

**VOUCHERS**

**SEPTEMBER 2019**

**AND**

**OCTOBER 2019**

**GLENBARD WASTEWATER AUTHORITY**  
**APPROVAL OF VOUCHERS**  
**For the meeting in November 2019**

**EXPENDITURES:**

	Check Date	Paid Amount
Accounts Payable Warrant 0919-1	9/20/2019	\$110,040.93
Accounts Payable Warrant 0919-2	9/30/2019	\$94,793.87
Accounts Payable Warrant 1019-1	10/17/2019	\$266,705.02
Accounts Payable Warrant 1019-2	10/31/2019	\$562,516.76
<b>Sub-Total</b>		<b>\$1,034,056.58</b>

**Warrant Total \$1,034,056.58**

**PAYROLL EXPENDITURES:**

	<b><u>September 27, 2019</u></b>	<b><u>October 11, 2019</u></b>	<b><u>October 25, 2019</u></b>
<b>Net Employee Payroll Checks</b>	<b>\$ 36,727.08</b>	<b>\$ 38,688.26</b>	<b>\$ 37,315.62</b>
<b><u>Employee &amp; Employer Payroll Deductions:</u></b>			
Employee Deductions*	\$18,357.90	\$ 19,282.98	\$18,599.25
IMRF - Employer contribution	\$3,646.53	\$ 3,816.23	\$3,696.88
Social Security/Medicare Tax Withheld - Employer portion	\$4,021.66	\$ 4,227.15	\$4,085.15
<b>Total Payroll</b>	<b>\$ 62,753.17</b>	<b>\$ 66,014.62</b>	<b>\$ 63,696.90</b>

**\$ 192,464.69**

**GRAND TOTAL \$ 1,226,521.27**

## PAID WARRANT REPORT

WARRANT: 0919-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
2 AAREN PEST CONTROL, INC.	20976	09/03/19			958496	P	09/20/19	270 520971	BUILDING & GROUNDS CONTRA	55.00
	INVOICE: 31295									
	20976	09/03/19			958496	P	09/20/19	270-1 520970	MAINTENANCE-BUILDING & GR	45.00
	INVOICE: 31295									
VENDOR TOTALS				400.00	YTD INVOICED			100.00	YTD PAID	100.00
881 AIRGAS, INC	20977	08/31/19			958497	P	09/20/19	270 530443	LIQUID OXYGEN	4,656.52
	INVOICE: 9500548748									
	20979	08/27/19			958497	P	09/20/19	270 520980	MAINTENANCE-ELECTRONICS	291.58
	INVOICE: 9092759860									
	20980	09/07/19			958497	P	09/20/19	270 520980	MAINTENANCE-ELECTRONICS	66.25
	INVOICE: 9964356895									
	20982	09/07/19		20190002	958497	P	09/20/19	40 580180 17004	CRYO VAPORIZOR RENTALS	1,500.00
	INVOICE: 9092578819									
	20983	09/07/19			958497	P	09/20/19	270 530443	LIQUID OXYGEN	8,447.81
	INVOICE: 9500553214									
	21050	09/14/19			958497	P	09/20/19	270 530443	LIQUID OXYGEN	6,869.71
	INVOICE: 9500553448									
VENDOR TOTALS				291,614.95	YTD INVOICED			63,079.01	YTD PAID	21,831.87
218 PATTEN INDUSTRIES, INC.	20984	08/22/19			958498	P	09/20/19	270-2 520975	MAINTENANCE-EQUIPMENT	599.76
	INVOICE: PM600283540									
VENDOR TOTALS				11,142.14	YTD INVOICED			1,773.72	YTD PAID	599.76
859 ANALYTICAL SOLUTION, INC	20985	08/29/19			958499	P	09/20/19	270 520806	PROFESSIONAL SERVICES-LAB	560.00
	INVOICE: I2004890									
VENDOR TOTALS				4,480.00	YTD INVOICED			1,120.00	YTD PAID	560.00
1249 AQUAFIX, INC.	20986	08/29/19			958500	P	09/20/19	270 530440	CHEMICALS	830.50
	INVOICE: 29056									
VENDOR TOTALS				3,331.15	YTD INVOICED			1,661.00	YTD PAID	830.50
819 UNITED COMMUNICATIONS	20987	09/15/19			958501	P	09/20/19	270 521195	TELECOMMUNICATIONS	908.72
	INVOICE: 20987									
VENDOR TOTALS				10,460.34	YTD INVOICED			1,831.28	YTD PAID	908.72
47 CINTAS CORPORATION #769	20989	09/10/19			958502	P	09/20/19	270 520976	MAINTENANCE-CONTRACTUAL	169.90
	INVOICE: 4029854403									

## PAID WARRANT REPORT

WARRANT: 0919-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
VENDOR TOTALS		1,787.48 YTD INVOICED						339.80 YTD PAID		169.90	
1218 COLLEY ELEVATOR CO.	20990	09/01/19			958503	P	09/20/19	270	520971	BUILDING & GROUNDS CONTRA	198.00
INVOICE: 187989											
VENDOR TOTALS		2,151.00 YTD INVOICED						396.00 YTD PAID		198.00	
1312 COMBINED FLUID PRODUCTS COMPANY	21060	09/09/19			958504	P	09/20/19	270	520980	MAINTENANCE-ELECTRONICS	4,782.52
INVOICE: 183287											
VENDOR TOTALS		4,782.52 YTD INVOICED						4,782.52 YTD PAID		4,782.52	
490 COMCAST CABLE COMMUNICATIONS, LLC	20991	08/25/19			958505	P	09/20/19	270	521195	TELECOMMUNICATIONS	204.59
INVOICE: 20991											
VENDOR TOTALS		2,045.85 YTD INVOICED						409.18 YTD PAID		204.59	
1138 CONSTELLATION ENERGY SERVICES INC	21051	09/13/19			958506	P	09/20/19	270	521202	NATURAL GAS	401.23
INVOICE: 2698941											
21051		09/13/19			958506	P	09/20/19	270-1	521202	NATURAL GAS	134.35
INVOICE: 2698941											
21051		09/13/19			958506	P	09/20/19	270	521204	SELF-GEN GAS	874.28
INVOICE: 2698941											
VENDOR TOTALS		45,258.52 YTD INVOICED						2,596.98 YTD PAID		1,409.86	
742 KONEMATIC INC.	20992	08/28/19			958507	P	09/20/19	40	580120	SMALL CAPITAL PROJECTS	11,463.19
INVOICE: 873027											
VENDOR TOTALS		26,938.19 YTD INVOICED						26,938.19 YTD PAID		11,463.19	
413 DRYDON EQUIPMENT, INC	20993	09/04/19			958508	P	09/20/19	270	520990	OPERATIONS - SUPPLIES	456.56
INVOICE: 39519											
VENDOR TOTALS		11,569.41 YTD INVOICED						11,569.41 YTD PAID		456.56	
79 DUPAGE TOPSOIL, INC.	20994	08/31/19			958509	P	09/20/19	40	580120	SMALL CAPITAL PROJECTS	670.00
INVOICE: 48932											
VENDOR TOTALS		670.00 YTD INVOICED						670.00 YTD PAID		670.00	
425 FASTENAL COMPANY	20996	09/04/19			958510	P	09/20/19	270	520975	MAINTENANCE-EQUIPMENT	24.42



## PAID WARRANT REPORT

WARRANT: 0919-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
INVOICE: ILADD93626										
VENDOR TOTALS		47.74 YTD INVOICED			47.74 YTD PAID			24.42		
1167	KOR KLEEN INC.									
	20997	08/20/19			958511	P	09/20/19	270	530100	OFFICE EXPENSES
	INVOICE: 8-005228									
VENDOR TOTALS		424.60 YTD INVOICED			147.04 YTD PAID			147.04		
293	VILLAGE OF GLEN ELLYN									
	21045	09/01/19			958512	P	09/20/19	270	521203	WATER
	INVOICE: 21045									
	21046	09/01/19			958512	P	09/20/19	270	521203	WATER
	INVOICE: 21046									
VENDOR TOTALS		159,777.36 YTD INVOICED			33,143.21 YTD PAID			2,785.46		
1072	GOLDSTINE, SKRODZKI, RUSSIAN, NEMEC AND HOFF LTD.									
	20998	09/05/19			958513	P	09/20/19	270	520700	LEGAL-GENERAL COUNSEL
	INVOICE: 147575									
	20999	09/05/19			958513	P	09/20/19	270	520700	LEGAL-GENERAL COUNSEL
	INVOICE: 147577									
	21000	09/05/19			958513	P	09/20/19	270	520700	LEGAL-GENERAL COUNSEL
	INVOICE: 147576									
VENDOR TOTALS		16,522.95 YTD INVOICED			1,943.20 YTD PAID			1,843.20		
297	W.W. GRAINGER, INC.									
	21001	08/29/19			958514	P	09/20/19	270	530225	SAFETY RELATED EQUIPMNT/S
	INVOICE: 9278435350									
	21003	09/04/19			958514	P	09/20/19	270	520980	MAINTENANCE-ELECTRONICS
	INVOICE: 9281347287									
	21004	09/05/19			958514	P	09/20/19	270	520975	MAINTENANCE-EQUIPMENT
	INVOICE: 9282882761									
	21005	09/06/19			958514	P	09/20/19	270	520980	MAINTENANCE-ELECTRONICS
	INVOICE: 9283057686									
	21006	09/06/19			958514	P	09/20/19	270	520980	MAINTENANCE-ELECTRONICS
	INVOICE: 9284388353									
	21049	08/31/19			958514	P	09/20/19	270-1	520980	MAINTENANCE-ELECTRONICS
	INVOICE: 9279916119									
VENDOR TOTALS		16,076.95 YTD INVOICED			6,383.45 YTD PAID			2,048.47		
743	GROOT, INC									
	21007	09/01/19			958515	P	09/20/19	270	520991	OPERATIONS - CONTRACTUAL
	INVOICE: 3836208									
VENDOR TOTALS		3,343.60 YTD INVOICED			534.76 YTD PAID			267.38		
119	HACH COMPANY									

## PAID WARRANT REPORT

WARRANT: 0919-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
	21008	08/29/19			958516	P	09/20/19	270	530106	OPERATING SUPPLIES - LAB	58.49
	INVOICE: 11617130										
	21009	08/28/19			958516	P	09/20/19	270	530106	OPERATING SUPPLIES - LAB	76.64
	INVOICE: 11613166										
	21010	09/04/19			958516	P	09/20/19	40	580120	SMALL CAPITAL PROJECTS	4,698.40
	INVOICE: 11621509										
	VENDOR TOTALS			15,158.89	YTD INVOICED				8,016.06	YTD PAID	4,833.53
124	HOME DEPOT USA, INC										
	21052	08/26/19			958517	P	09/20/19	270	520975	MAINTENANCE-EQUIPMENT	4.96
	INVOICE: 5040756										
	21053	08/28/19			958517	P	09/20/19	270	520975	MAINTENANCE-EQUIPMENT	70.42
	INVOICE: 3010558										
	21054	08/29/19			958517	P	09/20/19	270	520975	MAINTENANCE-EQUIPMENT	22.42
	INVOICE: 2031987										
	VENDOR TOTALS			3,667.09	YTD INVOICED				311.64	YTD PAID	97.80
1147	ILLINOIS AMERICAN WATER COMPANY										
	21048	08/26/19			958518	P	09/20/19	270-3	521203	WATER	131.26
	INVOICE: 21048										
	VENDOR TOTALS			1,412.69	YTD INVOICED				381.94	YTD PAID	131.26
1231	ILLINOIS TRUCK & EQUIPMENT CO, INC										
	21011	08/27/19			958519	P	09/20/19	40	580120	SMALL CAPITAL PROJECTS	3,100.00
	INVOICE: 10199025										
	VENDOR TOTALS			3,100.00	YTD INVOICED				3,100.00	YTD PAID	3,100.00
185	KONICA MINOLTA BUSINESS SOLUTIONS INC										
	21012	08/25/19			958520	P	09/20/19	270	530100	OFFICE EXPENSES	90.08
	INVOICE: 905999122										
	VENDOR TOTALS			826.45	YTD INVOICED				165.46	YTD PAID	90.08
434	LAI, LTD.										
	21013	08/27/19			958521	P	09/20/19	270	520980	MAINTENANCE-ELECTRONICS	1,235.62
	INVOICE: 19-16694										
	VENDOR TOTALS			6,235.62	YTD INVOICED				1,235.62	YTD PAID	1,235.62
157	LEN'S ACE HARDWARE, INC.										
	21014	08/27/19			958522	P	09/20/19	270	520990	OPERATIONS - SUPPLIES	17.97
	INVOICE: 91661-3										
	21015	08/29/19			958522	P	09/20/19	270	520990	OPERATIONS - SUPPLIES	8.22
	INVOICE: 91713-3										
	VENDOR TOTALS			1,688.21	YTD INVOICED				317.61	YTD PAID	26.19

## PAID WARRANT REPORT

WARRANT: 0919-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
171 MCMASTER-CARR SUPPLY CO.	21018	08/26/19			958523	P	09/20/19	270 520975	MAINTENANCE-EQUIPMENT	125.89
	INVOICE:	14157253								
VENDOR TOTALS				7,164.02	YTD INVOICED			1,155.31	YTD PAID	125.89
1223 CAPITAL ONE NATIONAL ASSN	21019	08/19/19			958524	P	09/20/19	270 520975	MAINTENANCE-EQUIPMENT	16.91
	INVOICE:	317523119067106								
	21021	08/29/19			958524	P	09/20/19	270 520975	MAINTENANCE-EQUIPMENT	15.03
	INVOICE:	317524119046075								
	21022	06/17/19			958524	P	09/20/19	270 520975	MAINTENANCE-EQUIPMENT	7.95
	INVOICE:	317516819121820								
	21031	08/29/19			958524	P	09/20/19	270 520975	MAINTENANCE-EQUIPMENT	88.24
	INVOICE:	317524119022559								
VENDOR TOTALS				2,221.53	YTD INVOICED			531.90	YTD PAID	128.13
188 MOTION INDUSTRIES INC	21023	05/08/19			958525	P	09/20/19	270 520980	MAINTENANCE-ELECTRONICS	80.94
	INVOICE:	IL10-661243								
VENDOR TOTALS				1,010.75	YTD INVOICED			80.94	YTD PAID	80.94
518 3B GROUP	21024	09/09/19			958526	P	09/20/19	40 580120	SMALL CAPITAL PROJECTS	104.50
	INVOICE:	590200SI								
VENDOR TOTALS				104.50	YTD INVOICED			104.50	YTD PAID	104.50
199 NEUCO, INC.	21026	09/04/19			958527	P	09/20/19	270 520980	MAINTENANCE-ELECTRONICS	748.84
	INVOICE:	3892000								
VENDOR TOTALS				6,939.98	YTD INVOICED			1,701.52	YTD PAID	748.84
209 NCL OF WISCONSIN INC	21027	08/27/19			958528	P	09/20/19	270 530106	OPERATING SUPPLIES - LAB	685.62
	INVOICE:	427940								
VENDOR TOTALS				6,993.09	YTD INVOICED			2,552.88	YTD PAID	685.62
1185 AE2S OPERATIONS, LLC	21028	08/27/19			958529	P	09/20/19	270 520981	ELECTRONICS CONTRACTUAL	4,800.00
	INVOICE:	1025								
VENDOR TOTALS				4,800.00	YTD INVOICED			4,800.00	YTD PAID	4,800.00
873 THE PITNEY BOWES BANK, INC	21047	09/05/19			958530	P	09/20/19	270 530100	OFFICE EXPENSES	402.50
	INVOICE:	21047								

## PAID WARRANT REPORT

WARRANT: 0919-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
VENDOR TOTALS				1,191.84	YTD INVOICED			402.50	YTD PAID	402.50
236 RAILROAD MANAGEMENT CO.,LLC	21029	08/28/19			958531	P	09/20/19	270-1 520970	MAINTENANCE-BUILDING & GR	543.83
	INVOICE: 403052									
VENDOR TOTALS				543.83	YTD INVOICED			543.83	YTD PAID	543.83
412 NESTLE WATERS NORTH AMERICA	21055	09/06/19			958532	P	09/20/19	270 530100	OFFICE EXPENSES	116.84
	INVOICE: 19I8100616302									
VENDOR TOTALS				1,156.40	YTD INVOICED			187.72	YTD PAID	116.84
1212 RJN GROUP, INC	21030	08/28/19		20190001	958533	P	09/20/19	270 520981	ELECTRONICS CONTRACTUAL	10,149.00
	INVOICE: 305032									
VENDOR TOTALS				127,035.00	YTD INVOICED			20,298.00	YTD PAID	10,149.00
939 STAPLES CONTRACT & COMMERCIAL INC.	21056	08/26/19			958534	P	09/20/19	270 530100	OFFICE EXPENSES	-17.59
	INVOICE: 3423886601									
	21057	09/11/19			958534	P	09/20/19	270 530100	OFFICE EXPENSES	25.98
	INVOICE: 3425099953									
	21058	09/09/19			958534	P	09/20/19	270 530100	OFFICE EXPENSES	93.27
	INVOICE: 3425099951									
VENDOR TOTALS				3,975.03	YTD INVOICED			1,275.27	YTD PAID	101.66
464 STRAND ASSOCIATES, INC.	21033	09/10/19		20180012	958535	P	09/20/19	40 580180	CAPITAL PROJECTS	4,116.21
	INVOICE: 152215									
VENDOR TOTALS				193,087.08	YTD INVOICED			10,994.61	YTD PAID	4,116.21
738 SUBURBAN LABORATORIES, INC.	21034	08/29/19			958536	P	09/20/19	270 520806	PROFESSIONAL SERVICES-LAB	370.50
	INVOICE: 168546									
	21035	08/29/19			958536	P	09/20/19	270 520806	PROFESSIONAL SERVICES-LAB	323.00
	INVOICE: 168533									
	21036	08/21/19			958536	P	09/20/19	270 520806	PROFESSIONAL SERVICES-LAB	370.50
	INVOICE: 168545									
	21037	09/04/19			958536	P	09/20/19	270 520806	PROFESSIONAL SERVICES-LAB	434.00
	INVOICE: 168905									
	21038	08/05/19			958536	P	09/20/19	270 520806	PROFESSIONAL SERVICES-LAB	570.80
	INVOICE: 168002									
	21039	09/09/19			958536	P	09/20/19	270 520806	PROFESSIONAL SERVICES-LAB	605.00
	INVOICE: 169015									

## PAID WARRANT REPORT

WARRANT: 0919-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
VENDOR TOTALS		25,921.30 YTD INVOICED			4,979.80 YTD PAID			2,673.80		
1271 SYNAGRO-WWT	21040	08/31/19			958537	P	09/20/19	270 521150	SLUDGE DISPOSAL - LAND	19,684.00
INVOICE: 9234										
VENDOR TOTALS		154,280.00 YTD INVOICED			32,984.00 YTD PAID			19,684.00		
271 TERRACE SUPPLY COMPANY	21041	08/31/19			958538	P	09/20/19	270 520976	MAINTENANCE-CONTRACTUAL	51.46
INVOICE: 1003352										
21042	09/05/19				958538	P	09/20/19	270 520975	MAINTENANCE-EQUIPMENT	65.57
INVOICE: 70450863										
VENDOR TOTALS		1,085.38 YTD INVOICED			168.44 YTD PAID			117.03		
1240 TWIN OAKS LANDSCAPING, INC	21043	09/05/19		20190003	958539	P	09/20/19	270 520971	BUILDING & GROUNDS CONTRA	2,650.00
INVOICE: MR980801-0006										
21043	09/05/19			20190003	958539	P	09/20/19	270-1 520970	MAINTENANCE-BUILDING & GR	835.00
INVOICE: MR980801-0006										
VENDOR TOTALS		32,803.09 YTD INVOICED			15,378.09 YTD PAID			3,485.00		
1311 UV DOCTOR LAMPS, LLC	21059	09/11/19			958540	P	09/20/19	270 520980	MAINTENANCE-ELECTRONICS	930.00
INVOICE: 12815										
VENDOR TOTALS		930.00 YTD INVOICED			930.00 YTD PAID			930.00		
988 VERIZON WIRELESS SERVICES LLC	21044	09/01/19			958541	P	09/20/19	270 521195	TELECOMMUNICATIONS	231.22
INVOICE: 9837216482										
VENDOR TOTALS		8,014.12 YTD INVOICED			1,349.60 YTD PAID			231.22		
REPORT TOTALS										110,040.93
								COUNT	AMOUNT	
TOTAL PRINTED CHECKS								46	110,040.93	

## PAID WARRANT REPORT

WARRANT: 0919-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
881 AIRGAS, INC	21062	09/21/19			958542	P	09/30/19	270 530443	LIQUID OXYGEN	7,436.43
	INVOICE:	9500553661								
VENDOR TOTALS			291,614.95	YTD INVOICED				63,079.01	YTD PAID	7,436.43
218 PATTEN INDUSTRIES, INC.	21063	09/12/19			958543	P	09/30/19	270 520975	MAINTENANCE-EQUIPMENT	299.00
	INVOICE:	P60C0233402								
VENDOR TOTALS			11,142.14	YTD INVOICED				1,773.72	YTD PAID	299.00
1316 ASHLEY STAAT	21098	09/25/19			958544	P	09/30/19	270 520620	EMPLOYEE EDUCATION	33.00
	INVOICE:	21098								
VENDOR TOTALS			33.00	YTD INVOICED				33.00	YTD PAID	33.00
35 CARBIT PAINT CO.	21061	08/30/19			958545	P	09/30/19	270 520990	OPERATIONS - SUPPLIES	216.57
	INVOICE:	834903								
VENDOR TOTALS			539.07	YTD INVOICED				216.57	YTD PAID	216.57
1268 JP MORGAN CHASE NA	1906914	09/05/19			2598	W	09/30/19	270 520975	MAINTENANCE-EQUIPMENT	88.00
	INVOICE:	BRAJ-23								
	1946513	09/05/19			2601	W	09/30/19	270 520620	EMPLOYEE EDUCATION	30.00
	INVOICE:	LENG-69								
	1946611	09/05/19			2599	W	09/30/19	270 520980	MAINTENANCE-ELECTRONICS	144.94
	INVOICE:	FRER-21								
	194679	09/05/19			2611	W	09/30/19	270 520620	EMPLOYEE EDUCATION	120.00
	INVOICE:	STRM-22								
	194684	09/05/19			2600	W	09/30/19	270 520990	OPERATIONS - SUPPLIES	1,782.10
	INVOICE:	GOOD-7								
	206553	09/05/19			2609	W	09/30/19	270 520990	OPERATIONS - SUPPLIES	311.00
	INVOICE:	ROMT-5								
	21109	09/05/19			2602	W	09/30/19	270 520600	DUES-SUBSCRIPTIONS-REG FE	764.40
	INVOICE:	LENG-70								
	21110	09/05/19			2603	W	09/30/19	270 520970	MAINTENANCE-BUILDING & GR	175.00
	INVOICE:	LENG-71								
	21112	09/05/19			2604	W	09/30/19	270 530100	OFFICE EXPENSES	10.00
	INVOICE:	LENG-72								
	21113	09/05/19			2605	W	09/30/19	270 520600	DUES-SUBSCRIPTIONS-REG FE	60.00
	INVOICE:	LENG-73								
	21114	09/05/19			2606	W	09/30/19	270 520990	OPERATIONS - SUPPLIES	304.72
	INVOICE:	LENG-74								
	21115	09/05/19			2607	W	09/30/19	270 520305	EMPLOYEE RECOGNITION	989.27
	INVOICE:	LENG-75								
	21116	09/05/19			2608	W	09/30/19	270 521195	TELECOMMUNICATIONS	87.16
	INVOICE:	LENG-76								

## PAID WARRANT REPORT

WARRANT: 0919-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
	21117 INVOICE:	09/05/19 ROMT-6			2610	W	09/30/19	270	530100	OFFICE EXPENSES	150.00
	VENDOR TOTALS			30,443.84	YTD INVOICED				7,303.89	YTD PAID	5,016.59
1315	CHIRS DILLMANN 21099 INVOICE:	09/25/19 21099			958546	P	09/30/19	270	520620	EMPLOYEE EDUCATION	10.00
	VENDOR TOTALS			10.00	YTD INVOICED				10.00	YTD PAID	10.00
768	CINTAS FIRST 21064 INVOICE:	AID & SAFETY 09/20/19 8404311960			958547	P	09/30/19	270	530225	SAFETY RELATED EQUIPMNT/S	185.55
	VENDOR TOTALS			2,683.99	YTD INVOICED				725.11	YTD PAID	185.55
1138	CONSTELLATION ENERGY SERVICES INC 21065 INVOICE:	09/19/19 2698941-1			958548	P	09/30/19	270	521202	NATURAL GAS	57.67
	VENDOR TOTALS			45,258.52	YTD INVOICED				2,596.98	YTD PAID	57.67
994	DIRECT ENERGY MARKETING, INC. 21066 INVOICE:	09/13/19 192560039645022			958549	P	09/30/19	270	521201	ELECTRIC POWER	39,100.69
	21066 INVOICE:	09/13/19 192560039645022			958549	P	09/30/19	270-1	521201	ELECTRIC POWER	3,457.16
	21066 INVOICE:	09/13/19 192560039645022			958549	P	09/30/19	270-2	521201	ELECTRIC POWER	1,149.87
	21066 INVOICE:	09/13/19 192560039645022			958549	P	09/30/19	270-3	521201	ELECTRIC POWER	622.15
	VENDOR TOTALS			455,345.67	YTD INVOICED				44,329.87	YTD PAID	44,329.87
420	PHILLIP DZIEWIOR 21102 INVOICE:	09/25/19 21102			958550	P	09/30/19	270	520620	EMPLOYEE EDUCATION	10.00
	VENDOR TOTALS			10.00	YTD INVOICED				10.00	YTD PAID	10.00
86	EESCO, A DIVISION OF WESCO DISTRIBUTION INC 21095 INVOICE:	09/17/19 136091			958551	P	09/30/19	270	520980	MAINTENANCE-ELECTRONICS	924.65
	VENDOR TOTALS			2,027.42	YTD INVOICED				924.65	YTD PAID	924.65
1290	AST CONSULTING INC. 21067 INVOICE:	09/17/19 1262			958552	P	09/30/19	270	530225	SAFETY RELATED EQUIPMNT/S	640.00

## PAID WARRANT REPORT

WARRANT: 0919-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
	VENDOR TOTALS			640.00	YTD INVOICED			640.00	YTD PAID	640.00	
483	RICHARD FREEMAN										
	21103	09/25/19			958553	P	09/30/19	270	520620	EMPLOYEE EDUCATION	10.00
	INVOICE: 21103										
	VENDOR TOTALS			10.00	YTD INVOICED			10.00	YTD PAID	10.00	
293	VILLAGE OF GLEN ELLYN										
	1013169	09/30/19			2597	W	09/30/19	270	521130	OVERHEAD FEES	10,977.17
	INVOICE: IFT-179										
	1013169	09/30/19			2597	W	09/30/19	270	520976	MAINTENANCE-CONTRACTUAL	3,058.33
	INVOICE: IFT-179										
	VENDOR TOTALS			159,777.36	YTD INVOICED			33,143.21	YTD PAID	14,035.50	
297	W.W. GRAINGER, INC.										
	21068	09/13/19			958554	P	09/30/19	270	520980	MAINTENANCE-ELECTRONICS	112.78
	INVOICE: 9291421932										
	21069	09/17/19			958554	P	09/30/19	270	520980	MAINTENANCE-ELECTRONICS	32.34
	INVOICE: 9295514187										
	21070	09/18/19			958554	P	09/30/19	270	520970	MAINTENANCE-BUILDING & GR	63.00
	INVOICE: 9296548135										
	21093	09/16/19			958554	P	09/30/19	270	520980	MAINTENANCE-ELECTRONICS	222.86
	INVOICE: 9294540720										
	VENDOR TOTALS			16,076.95	YTD INVOICED			6,383.45	YTD PAID	430.98	
126	ILLINOIS ASSN. OF WASTEWATER AGENCIES										
	21071	09/16/19			958555	P	09/30/19	270	520600	DUES-SUBSCRIPTIONS-REG FE	4,685.00
	INVOICE: 4733										
	VENDOR TOTALS			5,839.00	YTD INVOICED			4,685.00	YTD PAID	4,685.00	
1150	JASON NEIGHBORS										
	21106	09/27/19			958556	P	09/30/19	270	520620	EMPLOYEE EDUCATION	26.00
	INVOICE: 21106										
	VENDOR TOTALS			271.52	YTD INVOICED			26.00	YTD PAID	26.00	
1313	JOSEPH KOVAC										
	21101	09/25/19			958557	P	09/30/19	270	520620	EMPLOYEE EDUCATION	33.00
	INVOICE: 21101										
	VENDOR TOTALS			33.00	YTD INVOICED			33.00	YTD PAID	33.00	
1264	LAWSON PRODUCTS INC										
	21072	09/13/19			958558	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT	270.36
	INVOICE: 9307018723										
	21073	09/11/19			958558	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT	25.32



## PAID WARRANT REPORT

WARRANT: 0919-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
INVOICE: 9307010881										
VENDOR TOTALS		1,684.00 YTD INVOICED			295.68 YTD PAID			295.68		
157	LEN'S ACE HARDWARE, INC.									
	21074	09/03/19			958559	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT 7.19
	INVOICE: 91762-3									
	21075	09/03/19			958559	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT 19.99
	INVOICE: 91763-3									
	21076	09/03/19			958559	P	09/30/19	270	520990	OPERATIONS - SUPPLIES 17.92
	INVOICE: 91755-3									
	21077	09/09/19			958559	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT 5.59
	INVOICE: 91815-3									
	21079	09/09/19			958559	P	09/30/19	270	520990	OPERATIONS - SUPPLIES 17.57
	INVOICE: 91821-3									
	21080	09/16/19			958559	P	09/30/19	270	520990	OPERATIONS - SUPPLIES 23.95
	INVOICE: 91916-3									
	21096	09/24/19			958559	P	09/30/19	270	520990	OPERATIONS - SUPPLIES 16.43
	INVOICE: 92041-3									
VENDOR TOTALS		1,688.21 YTD INVOICED			317.61 YTD PAID			108.64		
1184	MATTHEW STREICHER									
	21107	09/25/19			958560	P	09/30/19	270	520620	EMPLOYEE EDUCATION 102.00
	INVOICE: 21107									
VENDOR TOTALS		212.00 YTD INVOICED			102.00 YTD PAID			102.00		
676	MC CANN INDUSTRIES, INC.									
	21016	08/29/19			958561	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT 32.60
	INVOICE: P11992									
	21017	08/29/19			958561	P	09/30/19	40	580150	PLANT EQUIPMENT REHABILIT -460.00
	INVOICE: CRFP11177									
	21081	09/16/19			958561	P	09/30/19	40	580150	PLANT EQUIPMENT REHABILIT 779.01
	INVOICE: P13112									
VENDOR TOTALS		1,727.66 YTD INVOICED			351.61 YTD PAID			351.61		
1223	CAPITAL ONE NATIONAL ASSN									
	21083	08/27/19			958562	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT 160.23
	INVOICE: 317523919045270									
VENDOR TOTALS		2,221.53 YTD INVOICED			531.90 YTD PAID			160.23		
602	MIDCO, INC.									
	21082	09/13/19			958563	P	09/30/19	270	520981	ELECTRONICS CONTRACTUAL 960.00
	INVOICE: 338279									
VENDOR TOTALS		12,071.51 YTD INVOICED			960.00 YTD PAID			960.00		
951	NATIONAL ASSOCIATION OF CLEAN WATER AGENCIES									

## PAID WARRANT REPORT

WARRANT: 0919-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	21084 INVOICE:	09/13/19 58987			958564	P	09/30/19	270	520600	DUES-SUBSCRIPTIONS-REG FE 1,000.00
	VENDOR TOTALS			1,000.00	YTD INVOICED				1,000.00	YTD PAID 1,000.00
1302	PACE ANALYTICAL SERVICES INC 21085 INVOICE:	09/16/19 1960086443			958565	P	09/30/19	270	520806	PROFESSIONAL SERVICES-LAB 815.00
	VENDOR TOTALS			2,445.00	YTD INVOICED				815.00	YTD PAID 815.00
1006	PHENOVA, INC. 21086 INVOICE:	09/10/19 152935			958566	P	09/30/19	270	530106	OPERATING SUPPLIES - LAB 118.76
	VENDOR TOTALS			950.87	YTD INVOICED				188.52	YTD PAID 118.76
224	POLYDYNE INC 21088 INVOICE:	07/26/19 1389221			958567	P	09/30/19	270	530440	CHEMICALS 10,396.00
	VENDOR TOTALS			30,694.88	YTD INVOICED				20,792.00	YTD PAID 10,396.00
1226	RC CLEANING COMPANY 21089 INVOICE:	09/16/19 21089			958568	P	09/30/19	270	520971	BUILDING & GROUNDS CONTRA 1,020.00
	VENDOR TOTALS			10,200.00	YTD INVOICED				2,040.00	YTD PAID 1,020.00
939	STAPLES CONTRACT & COMMERCIAL INC. 21090 INVOICE:	09/11/19 3425099952			958569	P	09/30/19	270	530100	OFFICE EXPENSES 24.99
	VENDOR TOTALS			3,975.03	YTD INVOICED				1,275.27	YTD PAID 24.99
738	SUBURBAN LABORATORIES, INC. 21097 INVOICE:	09/24/19 169434			958570	P	09/30/19	270	520806	PROFESSIONAL SERVICES-LAB 350.00
	VENDOR TOTALS			25,921.30	YTD INVOICED				4,979.80	YTD PAID 350.00
271	TERRACE SUPPLY COMPANY 21091 INVOICE:	09/16/19 70451664			958571	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT 9.11
	21092 INVOICE:	09/16/19 24027			958571	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT -7.50
	VENDOR TOTALS			1,085.38	YTD INVOICED				168.44	YTD PAID 1.61
1299	THOMAS ROMZA 21105	09/25/19			958572	P	09/30/19	270	520620	EMPLOYEE EDUCATION 60.00

**PAID WARRANT REPORT**

WARRANT: 0919-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
INVOICE: 21105												
VENDOR TOTALS			300.00 YTD INVOICED			60.00 YTD PAID			60.00			
289	HD SUPPLY FACILITIES MAINT LTD	21094	09/13/19			958573	P	09/30/19	270	520975	MAINTENANCE-EQUIPMENT	206.44
		INVOICE: 8658										
VENDOR TOTALS			339.24 YTD INVOICED			206.44 YTD PAID			206.44			
988	VERIZON WIRELESS SERVICES LLC	21108	09/18/19			958574	P	09/30/19	270	521195	TELECOMMUNICATIONS	443.10
		INVOICE: 9838347212										
VENDOR TOTALS			8,014.12 YTD INVOICED			1,349.60 YTD PAID			443.10			
REPORT TOTALS											94,793.87	
									COUNT	AMOUNT		
TOTAL PRINTED CHECKS									33	75,741.78		
TOTAL WIRE TRANSFERS									15	19,052.09		

## PAID WARRANT REPORT

WARRANT: 1019-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
834	ADLER ROOFING & SHEET METAL, INC. 21119	07/31/19		20180016	958575	P	10/17/19	40	580145	ROOF UPGRADES	39,885.33
	INVOICE: PAYMENT 2										
	VENDOR TOTALS			136,465.00	YTD INVOICED				39,885.33	YTD PAID	39,885.33
881	AIRGAS, INC 21120	09/28/19			958576	P	10/17/19	270	530443	LIQUID OXYGEN	7,104.85
	INVOICE: 9500553884										
	21121	10/05/19			958576	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS	64.54
	INVOICE: 9965014197										
	21122	10/05/19			958576	P	10/17/19	270	530443	LIQUID OXYGEN	5,731.10
	INVOICE: 9500558324										
	21123	10/05/19		20190002	958576	P	10/17/19	40	580180 17004	CRYO VAPORIZOR RENTALS	1,500.00
	INVOICE: 9093538038										
	21124	10/12/19			958576	P	10/17/19	270	530443	LIQUID OXYGEN	5,985.04
	INVOICE: 9500558560										
	VENDOR TOTALS			291,614.95	YTD INVOICED				63,079.01	YTD PAID	20,385.53
9	ALEXANDER CHEMICAL CORPORATION 21125	09/26/19			958577	P	10/17/19	270-1	530440	CHEMICALS	3,123.32
	INVOICE: 10084167										
	VENDOR TOTALS			15,601.40	YTD INVOICED				3,123.32	YTD PAID	3,123.32
218	PATTEN INDUSTRIES, INC. 21126	09/26/19			958578	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	874.96
	INVOICE: P60C0233453										
	VENDOR TOTALS			11,142.14	YTD INVOICED				1,773.72	YTD PAID	874.96
859	ANALYTICAL SOLUTION, INC 21127	09/28/19			958579	P	10/17/19	270	520806	PROFESSIONAL SERVICES-LAB	560.00
	INVOICE: I2004908										
	VENDOR TOTALS			4,480.00	YTD INVOICED				1,120.00	YTD PAID	560.00
1249	AQUAFIX, INC. 21128	09/27/19			958580	P	10/17/19	270	530440	CHEMICALS	830.50
	INVOICE: 29317										
	VENDOR TOTALS			3,331.15	YTD INVOICED				1,661.00	YTD PAID	830.50
33	CALCO, LTD. 21129	09/27/19			958581	P	10/17/19	270	530440	CHEMICALS	143.00
	INVOICE: AU495546										
	VENDOR TOTALS			767.00	YTD INVOICED				143.00	YTD PAID	143.00
768	CINTAS FIRST AID & SAFETY										

## PAID WARRANT REPORT

WARRANT: 1019-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
	21130	09/27/19			958582	P	10/17/19	270	530225	SAFETY RELATED EQUIPMNT/S	365.95
	INVOICE:	8404318563									
	VENDOR TOTALS			2,683.99	YTD INVOICED				725.11	YTD PAID	365.95
1218 COLLEY ELEVATOR CO.	21131	10/01/19			958583	P	10/17/19	270	520971	BUILDING & GROUNDS CONTRA	198.00
	INVOICE:	188981									
	VENDOR TOTALS			2,151.00	YTD INVOICED				396.00	YTD PAID	198.00
490 COMCAST CABLE COMMUNICATIONS, LLC	21132	09/25/19			958584	P	10/17/19	270	521195	TELECOMMUNICATIONS	204.59
	INVOICE:	21132									
	VENDOR TOTALS			2,045.85	YTD INVOICED				409.18	YTD PAID	204.59
1307 CONSERV FS INC	21133	09/20/19			958585	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	913.20
	INVOICE:	65083373									
	21134	09/20/19			958585	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	626.45
	INVOICE:	65083372									
	21135	10/03/19			958585	P	10/17/19	270-2	520975	MAINTENANCE-EQUIPMENT	835.59
	INVOICE:	104010490									
	VENDOR TOTALS			7,185.74	YTD INVOICED				2,375.24	YTD PAID	2,375.24
1138 CONSTELLATION ENERGY SERVICES INC	21136	10/08/19			958586	P	10/17/19	270	521202	NATURAL GAS	337.23
	INVOICE:	2715586									
	21136	10/08/19			958586	P	10/17/19	270-1	521202	NATURAL GAS	133.65
	INVOICE:	2715586									
	21136	10/08/19			958586	P	10/17/19	270	521204	SELF-GEN GAS	658.57
	INVOICE:	2715586									
	VENDOR TOTALS			45,258.52	YTD INVOICED				2,596.98	YTD PAID	1,129.45
981 CROSS RHODES REPROGRAPHICS INC.	21137	10/07/19			958587	P	10/17/19	270	530100	OFFICE EXPENSES	7.50
	INVOICE:	39387									
	VENDOR TOTALS			1,133.52	YTD INVOICED				7.50	YTD PAID	7.50
1308 ELENS & MAICHIN ROOFING	21139	09/18/19		20190009	958588	P	10/17/19	40	580180	CAPITAL PROJECTS	107,010.00
	INVOICE:	6980									
	VENDOR TOTALS			107,010.00	YTD INVOICED				107,010.00	YTD PAID	107,010.00
425 FASTENAL COMPANY	21140	10/01/19			958589	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	23.32

## PAID WARRANT REPORT

WARRANT: 1019-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
INVOICE: ILADD94124										
VENDOR TOTALS		47.74 YTD INVOICED			47.74 YTD PAID			23.32		
96 HERBERT FRIEDRICHSEN	21141	10/10/19			958590	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT
INVOICE: 20122										
VENDOR TOTALS		313.76 YTD INVOICED			156.20 YTD PAID			156.20		
293 VILLAGE OF GLEN ELLYN	21208	10/01/19			958591	P	10/17/19	270	521203	WATER
INVOICE: 21208										
	21209	10/01/19			958591	P	10/17/19	270	521203	WATER
INVOICE: 21209										
VENDOR TOTALS		159,777.36 YTD INVOICED			33,143.21 YTD PAID			2,286.75		
1072 GOLDSTINE, SKRODZKI, RUSSIAN, NEMEC AND HOFF LTD.	21143	10/04/19			958592	P	10/17/19	270	520700	LEGAL-GENERAL COUNSEL
INVOICE: 148051										
VENDOR TOTALS		16,522.95 YTD INVOICED			1,943.20 YTD PAID			100.00		
1314 G.P. MAINTENANCE SERVICES, INC.	21142	10/08/19		20190011	958593	P	10/17/19	40	580150	PLANT EQUIPMENT REHABILIT
INVOICE: 40580150-01										
VENDOR TOTALS		44,730.00 YTD INVOICED			44,730.00 YTD PAID			44,730.00		
297 W.W. GRAINGER, INC.	21144	09/26/19			958594	P	10/17/19	270	520970	MAINTENANCE-BUILDING & GR
INVOICE: 9305029507										
	21145	10/02/19			958594	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9310485157										
	21147	10/02/19			958594	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 93311742168										
	21148	09/02/19			958594	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9311083076										
	21149	10/07/19			958594	P	10/17/19	270	520970	MAINTENANCE-BUILDING & GR
INVOICE: 9315352642										
	21150	10/08/19			958594	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9316515387										
	21151	10/09/19			958594	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9318438091										
	21152	10/10/19			958594	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9319927118										
	21153	10/11/19			958594	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9321160393										
	21183	10/03/19			958594	P	10/17/19	270-1	520975	MAINTENANCE-EQUIPMENT
INVOICE: 9312826291										

## PAID WARRANT REPORT

WARRANT: 1019-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
VENDOR TOTALS			16,076.95 YTD INVOICED			6,383.45 YTD PAID			2,197.07			
743	GROOT, INC	21154	10/01/19			958595	P	10/17/19	270	520991	OPERATIONS - CONTRACTUAL	267.38
	INVOICE:	3935787										
VENDOR TOTALS			3,343.60 YTD INVOICED			534.76 YTD PAID			267.38			
119	HACH COMPANY	21156	09/26/19			958596	P	10/17/19	40	580120	SMALL CAPITAL PROJECTS	2,914.00
	INVOICE:	11655864										
	21157	10/03/19				958596	P	10/17/19	270	530106	OPERATING SUPPLIES - LAB	268.53
	INVOICE:	11665823										
VENDOR TOTALS			15,158.89 YTD INVOICED			8,016.06 YTD PAID			3,182.53			
985	HOLSTEINS GARAGE	21158	09/30/19			958597	P	10/17/19	270	520976	MAINTENANCE-CONTRACTUAL	35.00
	INVOICE:	1027										
VENDOR TOTALS			402.00 YTD INVOICED			35.00 YTD PAID			35.00			
124	HOME DEPOT USA, INC	21159	09/24/19			958598	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	159.96
	INVOICE:	6033398										
	21160	10/03/19				958598	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	53.88
	INVOICE:	7033962										
VENDOR TOTALS			3,667.09 YTD INVOICED			311.64 YTD PAID			213.84			
1147	ILLINOIS AMERICAN WATER COMPANY	21161	09/25/19			958599	P	10/17/19	270-3	521203	WATER	125.34
	INVOICE:	21161										
VENDOR TOTALS			1,412.69 YTD INVOICED			381.94 YTD PAID			125.34			
185	KONICA MINOLTA BUSINESS SOLUTIONS INC	21162	09/25/19			958600	P	10/17/19	270	530100	OFFICE EXPENSES	75.38
	INVOICE:	9006090186										
VENDOR TOTALS			826.45 YTD INVOICED			165.46 YTD PAID			75.38			
666	LABSOURCE, INC.	21164	09/27/19			958601	P	10/17/19	270	520990	OPERATIONS - SUPPLIES	755.04
	INVOICE:	6504482										
VENDOR TOTALS			2,197.76 YTD INVOICED			755.04 YTD PAID			755.04			
157	LEN'S ACE HARDWARE, INC.	21165	09/26/19			958602	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	5.09

## PAID WARRANT REPORT

WARRANT: 1019-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	INVOICE: 92069-3									
	21166	09/30/19			958602	P	10/17/19	270	520990	OPERATIONS - SUPPLIES
	INVOICE: 92127-3									31.98
VENDOR TOTALS				1,688.21	YTD INVOICED				317.61	YTD PAID
										37.07
171 MCMASTER-CARR SUPPLY CO.										
	21167	09/25/19			958603	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT
	INVOICE: 16892548									452.36
	21168	10/02/19			958603	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
	INVOICE: 17582140									105.45
	21169	10/09/19			958603	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT
	INVOICE: 18254510									178.21
	21170	10/09/19			958603	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT
	INVOICE: 18260318									272.20
	21171	10/09/19			958603	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT
	INVOICE: 18260317									21.20
VENDOR TOTALS				7,164.02	YTD INVOICED				1,155.31	YTD PAID
										1,029.42
1223 CAPITAL ONE NATIONAL ASSN										
	21172	09/26/19			958604	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT
	INVOICE: 317526919067075									243.54
VENDOR TOTALS				2,221.53	YTD INVOICED				531.90	YTD PAID
										243.54
194 NAPCO STEEL, INC.										
	21173	10/03/19			958605	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT
	INVOICE: 432903									514.00
VENDOR TOTALS				706.00	YTD INVOICED				706.00	YTD PAID
										514.00
199 NEUCO, INC.										
	21174	10/09/19			958606	P	10/17/19	270	520980	MAINTENANCE-ELECTRONICS
	INVOICE: 3949163									409.24
VENDOR TOTALS				6,939.98	YTD INVOICED				1,701.52	YTD PAID
										409.24
209 NCL OF WISCONSIN INC										
	21176	09/24/19			958607	P	10/17/19	270	530106	OPERATING SUPPLIES - LAB
	INVOICE: 429162									912.05
VENDOR TOTALS				6,993.09	YTD INVOICED				2,552.88	YTD PAID
										912.05
211 OMI INDUSTRIES										
	21177	09/20/19			958608	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT
	INVOICE: 574928									34.76
VENDOR TOTALS				4,979.60	YTD INVOICED				34.76	YTD PAID
										34.76
1006 PHENOVA, INC.										



## PAID WARRANT REPORT

WARRANT: 1019-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
	21178 INVOICE:	09/23/19 153315			958609	P	10/17/19	270	530106	OPERATING SUPPLIES - LAB	69.76
	VENDOR TOTALS			950.87	YTD INVOICED				188.52	YTD PAID	69.76
876	PITNEY BOWES, INC 21179 INVOICE:	09/29/19 3103459818			958610	P	10/17/19	270	530100	OFFICE EXPENSES	180.06
	VENDOR TOTALS			870.85	YTD INVOICED				180.06	YTD PAID	180.06
226	PORTER PIPE AND SUPPLY CO 21180 INVOICE:	09/25/19 11962213-00			958611	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	29.68
	VENDOR TOTALS			1,188.27	YTD INVOICED				29.68	YTD PAID	29.68
233	PVS MINIBULK, INC 21182 INVOICE:	09/24/19 138092			958612	P	10/17/19	270-1	530440	CHEMICALS	3,345.55
	VENDOR TOTALS			14,312.06	YTD INVOICED				3,345.55	YTD PAID	3,345.55
237	RANDALL PRESSURE SYSTEMS, INC. 21184 INVOICE:	09/25/19 I-29513-0			958613	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	347.21
	21185 INVOICE:	10/03/19 I-29772-0			958613	P	10/17/19	270	520990	OPERATIONS - SUPPLIES	362.28
	21186 INVOICE:	10/09/19 I-29785-0			958613	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	178.44
	VENDOR TOTALS			2,536.18	YTD INVOICED				887.93	YTD PAID	887.93
1226	RC CLEANING COMPANY 21187 INVOICE:	10/14/19 21187			958614	P	10/17/19	270	520971	BUILDING & GROUNDS CONTRA	1,020.00
	VENDOR TOTALS			10,200.00	YTD INVOICED				2,040.00	YTD PAID	1,020.00
412	NESTLE WATERS NORTH AMERICA 21188 INVOICE:	10/08/19 1938100616302			958615	P	10/17/19	270	530100	OFFICE EXPENSES	70.88
	VENDOR TOTALS			1,156.40	YTD INVOICED				187.72	YTD PAID	70.88
180	RELADYNE -MID-TOWN PETROLEUM INC. 21189 INVOICE:	09/27/19 1238996-IN			958616	P	10/17/19	270	520975	MAINTENANCE-EQUIPMENT	423.40
	VENDOR TOTALS			5,956.89	YTD INVOICED				991.45	YTD PAID	423.40

## PAID WARRANT REPORT

WARRANT: 1019-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
1212	RJN GROUP, INC 21190 INVOICE:	10/04/19 305033		20190001	958617	P	10/17/19	270 520981	ELECTRONICS CONTRACTUAL	10,149.00
	VENDOR TOTALS		127,035.00	YTD INVOICED				20,298.00	YTD PAID	10,149.00
939	STAPLES CONTRACT & COMMERCIAL INC. 21191 INVOICE:	09/25/19 3426266326			958618	P	10/17/19	270 530100	OFFICE EXPENSES	68.57
	21192 INVOICE:	09/26/19 3426266327			958618	P	10/17/19	270 530100	OFFICE EXPENSES	39.58
	21193 INVOICE:	09/20/19 3426266328			958618	P	10/17/19	270 530100	OFFICE EXPENSES	-37.58
	21194 INVOICE:	10/10/19 3427957977			958618	P	10/17/19	270 530100	OFFICE EXPENSES	89.99
	VENDOR TOTALS		3,975.03	YTD INVOICED				1,275.27	YTD PAID	160.56
738	SUBURBAN LABORATORIES, INC. 21195 INVOICE:	09/27/19 169531			958619	P	10/17/19	270 520806	PROFESSIONAL SERVICES-LAB	130.00
	21196 INVOICE:	10/04/19 170005			958619	P	10/17/19	270 520806	PROFESSIONAL SERVICES-LAB	605.00
	21197 INVOICE:	10/07/19 170031			958619	P	10/17/19	270 520806	PROFESSIONAL SERVICES-LAB	370.50
	21198 INVOICE:	10/07/19 170033			958619	P	10/17/19	270 520806	PROFESSIONAL SERVICES-LAB	370.50
	VENDOR TOTALS		25,921.30	YTD INVOICED				4,979.80	YTD PAID	1,476.00
1271	SYNAGRO-WWT 21199 INVOICE:	09/30/19 9782			958620	P	10/17/19	270 521150	SLUDGE DISPOSAL - LAND	13,300.00
	VENDOR TOTALS		154,280.00	YTD INVOICED				32,984.00	YTD PAID	13,300.00
1282	TALLGRASS RESTORATION, LLC 21200 INVOICE:	09/30/19 2022818			958621	P	10/17/19	270-1 520970	MAINTENANCE-BUILDING & GR	540.00
	21201 INVOICE:	09/30/19 2022819			958621	P	10/17/19	270-3 520970	MAINTENANCE-BUILDING & GR	250.00
	VENDOR TOTALS		4,962.00	YTD INVOICED				790.00	YTD PAID	790.00
271	TERRACE SUPPLY COMPANY 21202 INVOICE:	09/30/19 1004333			958622	P	10/17/19	270 520976	MAINTENANCE-CONTRACTUAL	49.80
	VENDOR TOTALS		1,085.38	YTD INVOICED				168.44	YTD PAID	49.80
477	UNITED PARCEL SERVICE, INC									

**PAID WARRANT REPORT**

WARRANT: 1019-1

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	21205	09/28/19			958623	P	10/17/19	270 530100	OFFICE EXPENSES	93.19
	INVOICE:	9YF103399								
	21206	10/03/19			958624	P	10/17/19	270 530100	OFFICE EXPENSES	6.00
	INVOICE:	1350241445								
VENDOR TOTALS				221.81	YTD INVOICED			113.08	YTD PAID	99.19
988	VERIZON WIRELESS SERVICES LLC									
	21207	10/01/19			958625	P	10/17/19	270 521195	TELECOMMUNICATIONS	231.91
	INVOICE:	9839234174								
VENDOR TOTALS				8,014.12	YTD INVOICED			1,349.60	YTD PAID	231.91
REPORT TOTALS										266,705.02
								COUNT	AMOUNT	
TOTAL PRINTED CHECKS								51	266,705.02	

## PAID WARRANT REPORT

WARRANT: 1019-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
881 AIRGAS, INC	21210	10/19/19			958626	P	10/31/19	270 530443	LIQUID OXYGEN	8,944.50
	INVOICE: 9500558780									
	21211	10/26/19			958626	P	10/31/19	270 530443	LIQUID OXYGEN	4,480.68
	INVOICE: 9500558972									
VENDOR TOTALS				291,614.95	YTD INVOICED			63,079.01	YTD PAID	13,425.18
1246 FOX MARKETING GROUP	21212	10/22/19			958627	P	10/31/19	270 530100	OFFICE EXPENSES	159.26
	INVOICE: 31307									
VENDOR TOTALS				759.38	YTD INVOICED			159.26	YTD PAID	159.26
24 BERLAND'S INC	21213	10/15/19			958628	P	10/31/19	270 520975	MAINTENANCE-EQUIPMENT	119.98
	INVOICE: 361103									
VENDOR TOTALS				964.26	YTD INVOICED			119.98	YTD PAID	119.98
1220 BORNQUIST, INC.	21214	10/10/19			958629	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	2,747.91
	INVOICE: 5465266									
	21215	10/15/19			958629	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	97.21
	INVOICE: 5465612									
	21270	10/29/19			958629	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	-2,688.00
	INVOICE: 5466676									
VENDOR TOTALS				157.12	YTD INVOICED			157.12	YTD PAID	157.12
996 BROOK ELECTRICAL DISTRIBUTION	21216	10/16/19			958630	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	386.30
	INVOICE: S009012444.001									
VENDOR TOTALS				1,643.25	YTD INVOICED			386.30	YTD PAID	386.30
976 MERCURY PARTNERS 90 BI, INC	21217	10/21/19			958631	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	780.00
	INVOICE: 151502									
VENDOR TOTALS				20,380.00	YTD INVOICED			780.00	YTD PAID	780.00
819 UNITED COMMUNICATIONS	21218	10/15/19			958632	P	10/31/19	270 521195	TELECOMMUNICATIONS	922.56
	INVOICE: 139948									
VENDOR TOTALS				10,460.34	YTD INVOICED			1,831.28	YTD PAID	922.56
1268 JP MORGAN CHASE NA	1906915	10/07/19			2615	W	10/31/19	270 520620	EMPLOYEE EDUCATION	50.00
	INVOICE: BRAJ-24									

## PAID WARRANT REPORT

WARRANT: 1019-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
	1946514	10/07/19			2617	W	10/31/19	270 530100	OFFICE EXPENSES	24.12
	INVOICE: LENG-77									
	1946612	10/07/19			2621	W	10/31/19	270 520981	ELECTRONICS CONTRACTUAL	1,632.00
	INVOICE: FRER-22									
	1946710	10/07/19			2624	W	10/31/19	270 520600	DUES-SUBSCRIPTIONS-REG FE	61.35
	INVOICE: STRM-23									
	194685	10/07/19			2626	W	10/31/19	270 530100	OFFICE EXPENSES	101.92
	INVOICE: GOOD-8									
	206554	10/07/19			2619	W	10/31/19	270 520990	OPERATIONS - SUPPLIES	-311.00
	INVOICE: ROMT-7									
	21282	10/07/19			2616	W	10/31/19	270 520975	MAINTENANCE-EQUIPMENT	494.97
	INVOICE: BRAJ-25									
	21283	10/07/19			2618	W	10/31/19	270 520625	TRAVEL	40.00
	INVOICE: LENG-78									
	21284	10/07/19			2620	W	10/31/19	270 520600	DUES-SUBSCRIPTIONS-REG FE	61.35
	INVOICE: ROMT-8									
	21285	10/07/19			2622	W	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	22.99
	INVOICE: FRER-23									
	21286	10/07/19			2623	W	10/31/19	270 520620	EMPLOYEE EDUCATION	23.00
	INVOICE: FRER-24									
	21287	10/07/19			2625	W	10/31/19	270 520600	DUES-SUBSCRIPTIONS-REG FE	225.00
	INVOICE: STRM-24									
	21288	10/07/19			2627	W	10/31/19	270 520990	OPERATIONS - SUPPLIES	-56.80
	INVOICE: GOOD-9									
	21289	10/07/19			2628	W	10/31/19	270 530100	OFFICE EXPENSES	65.90
	INVOICE: GOOD-10									
	21290	10/07/19			2629	W	10/31/19	270 520990	OPERATIONS - SUPPLIES	-147.50
	INVOICE: GOOD-11									
VENDOR TOTALS				30,443.84	YTD INVOICED			7,303.89	YTD PAID	2,287.30
1160	CHICAGO METROPOLITAN FIRE PREVENTION CO.									
	21220	10/12/19			958633	P	10/31/19	270 520981	ELECTRONICS CONTRACTUAL	171.00
	INVOICE: IN00318193									
VENDOR TOTALS				2,747.50	YTD INVOICED			171.00	YTD PAID	171.00
47	CINTAS CORPORATION #769									
	21221	10/08/19			958634	P	10/31/19	270 520976	MAINTENANCE-CONTRACTUAL	169.90
	INVOICE: 4032016835									
VENDOR TOTALS				1,787.48	YTD INVOICED			339.80	YTD PAID	169.90
768	CINTAS FIRST AID & SAFETY									
	21222	10/18/19			958635	P	10/31/19	270 530225	SAFETY RELATED EQUIPMNT/S	173.61
	INVOICE: 8404350543									
VENDOR TOTALS				2,683.99	YTD INVOICED			725.11	YTD PAID	173.61
1120	COMMUNICATIONS DIRECT INC.									
	21224	10/16/19			958636	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	15.00

## PAID WARRANT REPORT

WARRANT: 1019-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
INVOICE: SR117999										
VENDOR TOTALS		859.02 YTD INVOICED			15.00 YTD PAID			15.00		
1248 B&W CONTROL SYSTEMS INTEGRATION LLC	21223	10/18/19			958637	P	10/31/19	40	580120	SMALL CAPITAL PROJECTS
INVOICE: 209042										
VENDOR TOTALS		28,347.93 YTD INVOICED			461.00 YTD PAID			461.00		
742 KONEMATIC INC.	21227	10/17/19			958638	P	10/31/19	40	580120	SMALL CAPITAL PROJECTS
INVOICE: 875177										
VENDOR TOTALS		26,938.19 YTD INVOICED			26,938.19 YTD PAID			15,475.00		
413 DRYDON EQUIPMENT, INC	21228	10/10/19			958639	P	10/31/19	40	580120	SMALL CAPITAL PROJECTS
INVOICE: 37619										
VENDOR TOTALS		11,569.41 YTD INVOICED			11,569.41 YTD PAID			11,112.85		
1322 FIRST AMERICAN TITLE INSURANCE CO	21291	10/31/19			2630	W	10/31/19	40	580100	RESIDENT ENGINEER SRVC
INVOICE: 21291										
	21293	10/29/19			2631	W	10/31/19	40	580180	CAPITAL PROJECTS
INVOICE: 10292019										
VENDOR TOTALS		443,791.58 YTD INVOICED			443,791.58 YTD PAID			443,791.58		
1250 FREDRIKSEN FIRE EQUIPMENT COMPANY	21229	10/16/19			958640	P	10/31/19	270	530225	SAFETY RELATED EQUIPMNT/S
INVOICE: 196129										
VENDOR TOTALS		2,621.50 YTD INVOICED			810.00 YTD PAID			810.00		
293 VILLAGE OF GLEN ELLYN	1013170	10/31/19			2614	W	10/31/19	270	521130	OVERHEAD FEES
INVOICE: IFT-180										
	1013170	10/31/19			2614	W	10/31/19	270	520976	MAINTENANCE-CONTRACTUAL
INVOICE: IFT-180										
VENDOR TOTALS		159,777.36 YTD INVOICED			33,143.21 YTD PAID			14,035.50		
297 W.W. GRAINGER, INC.	21230	10/16/19			958641	P	10/31/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9324814764										
	21231	10/16/19			958641	P	10/31/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9325681758										
	21232	10/16/19			958641	P	10/31/19	270	520980	MAINTENANCE-ELECTRONICS
INVOICE: 9324738666										

## PAID WARRANT REPORT

WARRANT: 1019-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION		
	21233	10/17/19			958641	P	10/31/19	270	520980	MAINTENANCE-ELECTRONICS	449.34
	INVOICE:	9326401271									
	21238	10/24/19			958641	P	10/31/19	270	520990	OPERATIONS - SUPPLIES	443.44
	INVOICE:	9334746097									
VENDOR TOTALS			16,076.95	YTD INVOICED				6,383.45	YTD PAID		1,706.93
1147	ILLINOIS AMERICAN WATER COMPANY										
	21237	10/23/19			958642	P	10/31/19	270-3	521203	WATER	125.34
	INVOICE:	21237									
VENDOR TOTALS			1,412.69	YTD INVOICED				381.94	YTD PAID		125.34
1278	TYCO FIRE & SECURITY (US) MANAGEMENT, INC.										
	21235	10/12/19			958643	P	10/31/19	270	520981	ELECTRONICS CONTRACTUAL	138.00
	INVOICE:	33288732									
	21236	10/12/19			958643	P	10/31/19	270	520981	ELECTRONICS CONTRACTUAL	130.44
	INVOICE:	33288730									
VENDOR TOTALS			1,073.76	YTD INVOICED				268.44	YTD PAID		268.44
1058	KONECRANES, INC.										
	21239	10/24/19			958644	P	10/31/19	270	520976	MAINTENANCE-CONTRACTUAL	995.00
	INVOICE:	154196770									
VENDOR TOTALS			995.00	YTD INVOICED				995.00	YTD PAID		995.00
1317	VEOLIA WATER TECHNOLOGIES, INC.										
	21240	10/16/19			958645	P	10/31/19	270	520990	OPERATIONS - SUPPLIES	522.02
	INVOICE:	19000691RI05700									
VENDOR TOTALS			522.02	YTD INVOICED				522.02	YTD PAID		522.02
157	LEN'S ACE HARDWARE, INC.										
	21241	10/07/19			958646	P	10/31/19	270	520975	MAINTENANCE-EQUIPMENT	26.67
	INVOICE:	92228-3									
	21242	10/16/19			958646	P	10/31/19	270	520990	OPERATIONS - SUPPLIES	12.78
	INVOICE:	92367-3									
	21242	10/16/19			958646	P	10/31/19	270	530225	SAFETY RELATED EQUIPMNT/S	71.94
	INVOICE:	92367-3									
	21243	10/16/19			958646	P	10/31/19	270	520975	MAINTENANCE-EQUIPMENT	3.19
	INVOICE:	92368-3									
	21244	10/22/19			958646	P	10/31/19	270	520990	OPERATIONS - SUPPLIES	15.99
	INVOICE:	92441-3									
	21245	10/28/19			958646	P	10/31/19	270	520975	MAINTENANCE-EQUIPMENT	11.18
	INVOICE:	92519-3									
	21278	10/29/19			958646	P	10/31/19	270	520975	MAINTENANCE-EQUIPMENT	3.96
	INVOICE:	92549-3									
VENDOR TOTALS			1,688.21	YTD INVOICED				317.61	YTD PAID		145.71

## PAID WARRANT REPORT

WARRANT: 1019-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
295 VILLAGE OF LOMBARD	21267	10/21/19			958647	P	10/31/19	270 521203	WATER	18.80
	INVOICE: 21267									
	21269	10/21/19			958647	P	10/31/19	270-1 521203	WATER	1,050.92
	INVOICE: 21269									
VENDOR TOTALS				3,588.92	YTD INVOICED			1,069.72	YTD PAID	1,069.72
1321 CARRIER & GABLE, INC.	21279	10/22/19			958648	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	25.00
	INVOICE: SI25268									
VENDOR TOTALS				25.00	YTD INVOICED			25.00	YTD PAID	25.00
1211 GMC METALS, INC.	21252	10/28/19			958649	P	10/31/19	40 580120	SMALL CAPITAL PROJECTS	508.38
	INVOICE: 1013692									
VENDOR TOTALS				667.35	YTD INVOICED			508.38	YTD PAID	508.38
194 NAPCO STEEL, INC.	21247	10/18/19			958650	P	10/31/19	270 520990	OPERATIONS - SUPPLIES	192.00
	INVOICE: 433336									
VENDOR TOTALS				706.00	YTD INVOICED			706.00	YTD PAID	192.00
199 NEUCO, INC.	21248	10/25/19			958651	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	543.44
	INVOICE: 3985927									
VENDOR TOTALS				6,939.98	YTD INVOICED			1,701.52	YTD PAID	543.44
201 NEWARK CORPORATION	21249	10/16/19			958652	P	10/31/19	270 520980	MAINTENANCE-ELECTRONICS	62.29
	INVOICE: 32099867									
VENDOR TOTALS				372.27	YTD INVOICED			62.29	YTD PAID	62.29
1234 NISSEN ENERGY INC	21175	10/14/19			2612	W	10/31/19	270 520975	MAINTENANCE-EQUIPMENT	17,964.58
	INVOICE: 162									
	21250	10/17/19			2613	W	10/31/19	270 520975	MAINTENANCE-EQUIPMENT	-567.50
	INVOICE: 164									
VENDOR TOTALS				19,652.08	YTD INVOICED			17,397.08	YTD PAID	17,397.08
209 NCL OF WISCONSIN INC	21251	10/14/19			958653	P	10/31/19	270 530106	OPERATING SUPPLIES - LAB	955.21
	INVOICE: 429998									



## PAID WARRANT REPORT

WARRANT: 1019-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
VENDOR TOTALS				6,993.09 YTD INVOICED				2,552.88 YTD PAID		955.21
1293 POLACH APPRAISAL GROUP, INC	21292	10/01/19			958665	P	10/31/19	40 580100	RESIDENT ENGINEER SRVC	850.00
	INVOICE: 14801									
VENDOR TOTALS				2,350.00 YTD INVOICED				850.00 YTD PAID		850.00
224 POLYDYNE INC	21253	10/21/19			958654	P	10/31/19	270 530440	CHEMICALS	10,396.00
	INVOICE: 1398626									
VENDOR TOTALS				30,694.88 YTD INVOICED				20,792.00 YTD PAID		10,396.00
180 RELADYNE -MID-TOWN PETROLEUM INC.	21254	10/16/19			958655	P	10/31/19	270 520975	MAINTENANCE-EQUIPMENT	568.05
	INVOICE: 1242639-in									
VENDOR TOTALS				5,956.89 YTD INVOICED				991.45 YTD PAID		568.05
939 STAPLES CONTRACT & COMMERCIAL INC.	21255	10/19/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	60.44
	INVOICE: 3428504563									
	21256	10/26/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	607.96
	INVOICE: 3429094303									
	21257	10/26/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	12.99
	INVOICE: 3429094302									
	21258	10/26/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	15.67
	INVOICE: 3429094304									
	21271	09/21/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	51.26
	INVOICE: 3425684285									
	21272	09/21/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	25.12
	INVOICE: 3425684286									
	21273	09/21/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	17.18
	INVOICE: 3425684287									
	21274	09/21/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	75.75
	INVOICE: 3425684288									
	21275	09/21/19			958656	P	10/31/19	270 530100	OFFICE EXPENSES	121.69
	INVOICE: 3425684289									
VENDOR TOTALS				3,975.03 YTD INVOICED				1,275.27 YTD PAID		988.06
464 STRAND ASSOCIATES, INC.	21259	10/08/19		20180012	958657	P	10/31/19	40 580180	CAPITAL PROJECTS	6,878.40
	INVOICE: 153329									
VENDOR TOTALS				193,087.08 YTD INVOICED				10,994.61 YTD PAID		6,878.40
738 SUBURBAN LABORATORIES, INC.	21260	10/25/19			958658	P	10/31/19	270 520806	PROFESSIONAL SERVICES-LAB	480.00

## PAID WARRANT REPORT

WARRANT: 1019-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR	NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION	
INVOICE: 170423											
VENDOR TOTALS			25,921.30 YTD INVOICED			4,979.80 YTD PAID			480.00		
1240	TWIN OAKS LANDSCAPING, INC										
	21204	10/01/19		20190003	958659	P	10/31/19	270	520971	BUILDING & GROUNDS CONTRA	2,650.00
	INVOICE: MR980801-0007										
	21204	10/01/19		20190003	958659	P	10/31/19	270-1	520970	MAINTENANCE-BUILDING & GR	835.00
	INVOICE: MR980801-0007										
	21261	10/23/19			958659	P	10/31/19	40	580120	SMALL CAPITAL PROJECTS	8,408.09
	INVOICE: ME980831-0001										
VENDOR TOTALS			32,803.09 YTD INVOICED			15,378.09 YTD PAID			11,893.09		
1318	UNITED ANALYTICAL SERVICES INC.										
	21262	10/17/19			958660	P	10/31/19	270	520991	OPERATIONS - CONTRACTUAL	775.00
	INVOICE: 19492-01F										
VENDOR TOTALS			775.00 YTD INVOICED			775.00 YTD PAID			775.00		
477	UNITED PARCEL SERVICE, INC										
	21263	10/19/19			958661	P	10/31/19	270	530100	OFFICE EXPENSES	13.89
	INVOICE: 9YF103429										
VENDOR TOTALS			221.81 YTD INVOICED			113.08 YTD PAID			13.89		
1320	VEGA AMERICAS, INC.										
	21264	10/16/19			958662	P	10/31/19	270	520980	MAINTENANCE-ELECTRONICS	136.91
	INVOICE: 369281										
VENDOR TOTALS			136.91 YTD INVOICED			136.91 YTD PAID			136.91		
988	VERIZON WIRELESS SERVICES LLC										
	21265	10/18/19			958663	P	10/31/19	270	521195	TELECOMMUNICATIONS	443.37
	INVOICE: 9840377426										
VENDOR TOTALS			8,014.12 YTD INVOICED			1,349.60 YTD PAID			443.37		
491	VWR INTERNATIONAL, INC.										
	21268	10/16/19			958664	P	10/31/19	270	530106	OPERATING SUPPLIES - LAB	124.29
	INVOICE: 8087991026										
VENDOR TOTALS			756.22 YTD INVOICED			124.29 YTD PAID			124.29		
REPORT TOTALS											562,516.76

	COUNT	AMOUNT
TOTAL PRINTED CHECKS	40	85,005.30
TOTAL WIRE TRANSFERS	20	477,511.46

**PAID WARRANT REPORT**

WARRANT: 1019-2

TO FISCAL 2019/10 09/01/2019 TO 10/31/2019

VENDOR NAME	DOCUMENT	INV DATE	VOUCHER	PO	CHECK NO	T	CHK DATE	GL ACCOUNT	GL ACCOUNT DESCRIPTION
-------------	----------	----------	---------	----	----------	---	----------	------------	------------------------

\*\* END OF REPORT - Generated by Lori Thomas \*\*

## **SECTION 6.0**

# **PURCHASE APPROVAL – CHP MEDIA**

---

## MEMORANDUM

---

**TO:** Matt Streicher, Executive Director  
**FROM:** David Goodalis, Operations Superintendent  
**DATE:** October 17, 2019  
**RE:** Media for CHP

---



The biogas produced by the digesters requires a pass through a media that is used to reduce H<sub>2</sub>S and siloxanes which cause damage to the internal CHP engine parts. The media is an essential part of being able to keep the engines running.

The Operations Department performed a cost comparison for current pricing on media for our Bio-fuel Gas engines. Unison, which is the manufacturer of the biogas scrubbing equipment submitted a quote while the other companies would only quote going through Unison.

Company	Cost for Media
Connelly-GPM	Would not quote
Unison Solutions	\$39,185.75 / 26,801.75
Mareah	Not Responding

As there is no specific date when the existing media will reach its useful life, GWA staff is performing in-house testing and monthly gas testing in an effort to better determine how much time we have before the Media expires. Since there is little expiration notice, I prefer to have the media onsite and available to keep the down time of the engines to a minimum. It is requested the rule of 3 be waived, per the purchasing policy section C.1.e., which states *"Single Source purchases, defined as material or services that are available from only one vendor but are deemed necessary to Village operations may be exempted from bidding requirements."*

In the 2019 GWA budget, staff allocated \$50,000 for the purchase of this media in budget category Plant Equipment Rehabilitation account 40-580150. There are two Media options for purchase from Unison. I am seeking approval of the \$39,185.75 option, for reasons described in the following memo. This purchase is still well below the budgeted amount.

While GWA does monitor the life of the media by measuring the hydrogen sulfides (H<sub>2</sub>S) level that passes through the media, a sudden rise can happen quickly over the course of 30 to 60 days. Testing in September indicated that the levels had risen from (26.0) in July to (88.0). Seeing this rapid change, the purchase request was placed on the Agenda for the October EOC meeting in an effort to avert any special approval requests. However, the newer more expensive media was discovered at WEFTEC, just a week before the E.O.C. meeting and therefore a special request is needed.

Our current media has reached its useful life, and being that the November E.O.C. meeting has been cancelled, it is necessary to seek approval now to keep the engines running without causing any damage to them.

---

## MEMORANDUM

---

**TO:** Tom Romza, Assistant Executive Director  
**FROM:** David Goodalis, Operations superintendent  
**DATE:** October 17, 2019  
**RE:** C.H.P. Media

---



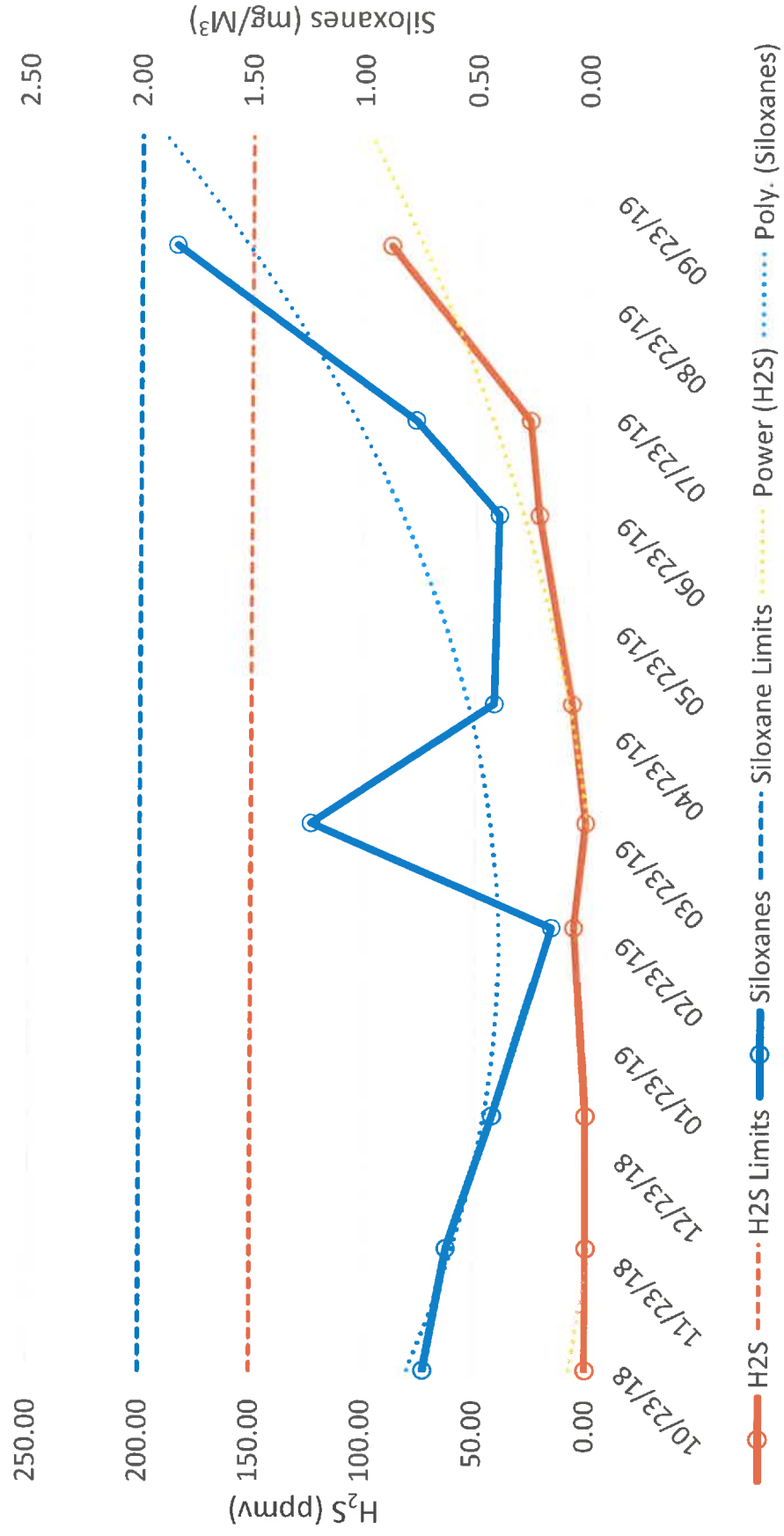
In follow-up on C.H.P. Media pricing, I had the purchase approval for our current media replacement on Consent Agenda for the October 2<sup>nd</sup> E.O.C. meeting. Two days before the meeting, several members of the Operations team returned from the WEFTEC conference, held in Chicago the week before the EOC meeting. Staff had visited the Unison booth, our current media supplier, and during the course of their conversation with the Unison representative, they were provided information about a better media that was available to use. While the new media did come with a higher cost, it was projected to have a long life and provide a safer and easier method of changing the media that would not require staff having to be inside the vessel chipping away for a week with picks and shovels. The EOC Committee agreed to table the approval until the November 14<sup>th</sup> meeting to allow staff to fully investigate the specifications and costs of the new material.

The Operations staff wanted to have the time to thoroughly evaluate and review the product, especially if it provided both a safer way for staff to handle the changing of the media as well as the media having a longer life span.

The current media, wood chips, with the Siloxane media is an estimated cost total of \$26,801.75 with shipping costs which can vary and has a life expectancy of 300-400 days. The removal of this media, as mentioned above, requires four staff to be inside the vessel using picks and shovels to remove the media for a week or more dressed in protective suits and respirators and one person outside the vessel as an emergency contact as this vessel is a permitted confined space entry area.

The new Ferric Hydroxide Media with the Siloxane Media is an estimated total cost of \$39,185.75 with shipping costs and has a life expectancy of 450-600 days. While Ferric is a more expensive option, there are four significant positives: first, the safety of personnel as four staff members will not need to spend seven days wearing protective gear inside the hot vessel using tools to break apart the media and then shovel it out; second, staff will be able to remove the media using a vac-truck over the course of two days and resume regular duties sooner; third, the product has a longer life expectancy than the wood chips; and finally, GWA will no longer have to purchase soda ash that is currently injected into the vessel to control the pH, which is a cost savings of \$2,000 per year on top of the labor.

With the safety of GWA staff being the main focus, my recommendation is to purchase the Ferric Hydroxide Media at the cost of \$39,185.75.





Date : 10/15/19  
Expires: 11/15/19

Project Name: PM -319.1343.2\_Glen bard

David Goodalis

Dear David,

Unison Solutions, Inc. is pleased to provide you with this proposed replacement H<sub>2</sub>S removal media for the existing system in Glen Ellyn, IL as compared to the current iron sponge media being utilized.

**PRICING SUMMARY**

UNI-H <sub>2</sub> S, 17600 lb@ 1.10/lb	\$19,360.00
Ships in 2,200 lb bulk bags	
122 " foam filter Qty. 1 @ \$955.00	\$ 955.00
Media Shipping estimate	\$ 575.00
<u>Foam pad shipping estimate</u>	<u>\$ 200.00</u>
Total	\$21,090.00

\$46.87/day

Based on a 10'0 x 8' ss vessel, 200 scfm and 289 ppm H<sub>2</sub>S, the media will process gas between 450 - 600 days before change out is required. This is assuming the soda ash is turned off and the gas is 100% saturated with no free moisture. Cost per pound of sulfur removed at the lower end of the spectrum is \$5.81/ lb H<sub>2</sub>S removed.

This media works in a different manner than iron sponge. Please note the following:

- It is a ferric hydroxide pellet that pulls the sulfur ion into the pore structure so the media remains granular - no clumping
- A foam pad is used on the platform of the vessel because the pellet size is significantly smaller than iron sponge.
- Your soda ash system would not be used with this media
- Removal of the media includes flooding the vessel with water and then using a vac truck for removal.
- The spent media has an exothermic reaction when it is exposed to air and must be put on a cement surface until this reaction is completed. Typically this is for 2-3 days.
- Landfill testing requirements are still based on each landfill's protocol. It is not a hazardous waste, but may be considered a specialty waste.



Iron Sponge, 10- 42 BU bulk bags	\$ 7,791.00
<u>Estimated shipping</u>	<u>\$ 915.00</u>
Total-H2S removal media	\$ 8,706.00

\$ 26.38/day

Based on a 10'0 x 8' ss vessel, 200 scfm and 289 ppm H2S, the iron sponge media will process gas between 330-400 days before change out is required . This is assuming the soda ash is turned on and the gas is 100% saturated with no free moisture. Cost per pound of sulfur removed is \$3.20/ lb H2S removed.

- Both media life estimates are based on 24/7 operation at the parameters noted
- Prices do not reflect any taxes that may be applicable and are valid for 30 days. Shipping estimates are valid for 7 days
- Price does not include labor for unloading media from the truck, loading the media into vessels or the disposal of spent media.
- Estimated delivery upon order receipt for the foam pad is 2-3 weeks. UNI-H2S media will be available no later than the end of October. Iron Sponge media is in stock
- Net 30 terms on all payments

Thank you for giving Unison Solutions the opportunity to propose our services. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

Kim Murdock-Timmerman  
Unison Solutions, Inc.

**SECTION 7.0**

**NEXT EOC MEETING**

**WEDNESDAY**

**DECEMBER 4, 2019**

**AT 8:00 A.M.**