



CITY COUNCIL MEETING
Council Chambers
401 E Third Street
Kewanee, Illinois 61443
Open Meeting starting at 7:00 p.m.
Monday, August 9th, 2021

Posted by 6:00 p.m. August 6th, 2021.

1. Roll Call
2. Consent Agenda
 - a. Approval of Minutes
 - b. Payroll
 - c. Staff Reports
 - d. Report from Bock, Inc.
3. Presentation of Bills and Claims
4. Public Participation
5. New Business
 - a) **Presentation** from Leann Courson and Stacy Brown of Bridgeway on Results Oriented System of Care.
 - b) **Presentation** from Mike Saponaro of Bi-State Regional Planning Commission on OSLAD and SRTS grants
 - c) **Consideration of Resolution # 5288** to approve an application for the City's Infill Development Program.
 - d) **Consideration of Resolution # 5289** authorizing the City Manager or his designee to execute documents that are necessary for the acquisition and financing of a new ambulance.
 - e) **Consideration of Ordinance # 4066** amending Section 155.070 (B) special uses and 155.071 (B) special uses established in the City of Kewanee Code of Ordinances and declaring that this ordinance shall be in full force upon publication as required by law.
 - f) **Consideration of an Ordinance # 4067** amending Section 155.066 (A) permitted uses and Section 155.070 (A) permitted uses established in the City of Kewanee Code of Ordinances and declaring that this ordinance shall be in full force upon publication as required by law.
 - g) **Electric Vehicle Charging Stations** (Discussion only)
 - h) **Shallow foundations allowed for accessory structures and potential increase in size.** (Discussion only)
6. Announcements:
7. Adjournment:



MEMORANDUM

Date: August 6, 2021
From: Gary Bradley, City Manager
To: Mayor & Council
RE: Council Meeting of **Monday, August 9, 2021**

PUBLIC HEARING AT 6:00 P.M. & REGULAR MEETING AT 7:00 P.M.

1. **Downtown TIF**— This is a reminder that Ordinance 4059 established the date for a public hearing on amending the boundaries of the Downtown TIF for this Monday, August 9th at 6:00 P.M. The Joint Review Board met last week in continuation from its previous meeting and found that the City had followed all necessary steps in the process as outlined by the TIF Act, that the Plan Requirements have been met and that the Amended Redevelopment Project Area and Plan meet the Plan requirements and eligibility criteria. The JRB report follows this memo.
2. **Water Tower**— The north water tower remains out of service as the contractor sandblasts the inside of the tower. We chose a nice beige color for the inside coating over the options of red, blue, black, and gray. The containment system is being installed which will shroud the tank to prevent dust from sand blasting and paint overspray.
3. **Audit**— Field work for the auditors will begin next week and will still enable them to complete the audit in accordance with our previously anticipated schedule. We expect this audit to be smoother in several respects, but also know that in the transition of staff certain things were uncovered or brought to light that will negatively impact some of the findings.
4. **IEPA Inspection**—Every three years the IEPA comes in and performs an inspection of our water system. That inspection was recently completed, and we received a letter from them yesterday detailing their findings. A copy of the letter is included in your packet immediately after the Joint Review Board Report. There were no new findings identified, but we believe a few of the findings should have been removed and will note why in our response to their letter.
5. **OSHA**— The City received a letter noting their concerns with certain aspects of our operations in Public Works. We concur with their findings and have taken the necessary steps to eliminate unsafe practices from the job site. There are no fines or penalties associated with the notice and OSHA has expressed an appreciation for our willingness to address their concerns.
6. **ARPA**— Randi Haley has completed all necessary steps for us to begin receiving the federally provided funding, which should hit our bank account within the next three weeks or so. The additional funding will push us over the threshold for a Single Audit, which provides a higher level of scrutiny than the audits we are typically subject to.

7. **EPA**— The cleanup crew is on site and has begun removing the piles of junk and debris that contained known contaminants. They are purchasing water from the City to help keep dust down and have an air monitoring specialist on site to ensure that the cleanup is not spreading contamination to other areas or putting people outside of the project area at risk. It's a small crew that we expect to be on site for a couple of months.
8. **Electric Vehicle Charging Stations**— There is information in your packet about electric vehicle charging stations. Staff reached out to the provider with stations in Geneseo. They have partnerships with both Casey's and Walmart, which could come into play in the future and were provided site information for the Amtrak Depot, as well. They indicated that if they had any interest in developing a site in Kewanee in 2021 or 2022 they would have already been in contact with the City through the Office of the City Manager and suggested that we could potentially be a location they look at for 2023 development.
9. **Pavement Marking**— Staff continues to make progress on pavement markings, focusing primarily on the downtown area. We're planning to partner with local schools where students may have a need for service hours or seek assistance from civic groups or other volunteers to make a big push on the painting of curbs in high visibility areas if we are unable to complete the project with staff alone.
10. **Public Works Operations Manager**— Kevin Newton will not be in attendance on Monday night due to other commitments. If you have questions that would be directed toward him, we'll make note of them and get a response as quickly as possible, or you can always send an email before or after the meeting.
11. **Downtown**— Staff is working on short-term and long-term improvements to the downtown area, including changes in our approach to how the area is maintained and is developing programs that will enable us to partner with organizations to enhance the aesthetics in high visibility areas to help improve the vitality of the area.
12. **OSLAD**— Staff met with one of our consulting engineers and reached out to Bi-State for grant writing assistance for the Open Spaces Lands Acquisition and Development (OSLAD) program through the Illinois Department of Natural Resources. The City Manager and Mayor also had a conference call with one of the Grant Administrators for the program from DNR to review the potential scope of our project and Francis Park and to discuss technical aspects of the application that need considered for scoring the application as high as possible. The application is due by September 1st.
13. **SRTS**— In addition to the OSLAD Program, staff is working with the engineers and Bi-State on the preparation of a Safe Routes to School Grant (SRTS) that would allow for the large-scale improvement of a key corridor of our sidewalk network. The application is due by the end of September.
14. **IML**— The annual conference is scheduled for September 23-25th. The City will handle reservations for those that have indicated they will attend. If you plan to travel by private vehicle rather than by train, please let us know.

15. **School**— With schools back in session in less than two weeks, it's a good time to remind everyone driving to be watchful for kids going to and from the various facilities.
16. **LMR**— We have a labor/management relations meeting scheduled with AFSCME for August 12th. Relations between the bargaining unit and management appear to be continually improving and their recent work on the Terry Avenue project shows their willingness to expand the value their employees bring to the organization.
17. **911 Board**— Chief Welgat was recently selected to serve as the chair of the county-wide 911 board. This responsibility will at times require him to be of service to the region as a whole instead of just Kewanee, but also helps to ensure that our residents are receiving the highest level of service as far as emergency response is concerned.
18. **Aeration Tanks**— Staff met with CMT and representatives of Bock, Inc. earlier this week to discuss the aeration tanks that were part of the original construction of the water plants 17 years ago. You may recall that the tanks have developed several pinhole leaks and that their costs were considered high when Scott Hinton began looking into their replacement. Cost have done nothing but continue to escalate since then, and to a large degree when they increase, they do not tend to go all the way back down. CMT is putting together bid specifications for a lined stainless-steel tank. CMT believes that having thorough water quality testing will help to ensure that the best possible liner is used in order to extend the life of the next set of tanks and that a routine maintenance cycle that calls for regularly lining the tanks will help to make the second set of tanks last far longer than the first set.
19. **Tourism Bureau**— Unfortunately, the Henry County Tourism Bureau announced earlier this week that they would be disbanding. Some of the information placed the blame for such a move squarely on the City of Kewanee. As I'm sure you recall, the city openly stated its willingness to support tourism programs and projects on a case-by-case basis. In the year since the decision was made or 8 months since the official notice was provided to the county, we received no proposals or requests for funding.
20. **TMHR**— The City has partnered with Project Now on a housing rehabilitation project on N. Lexington. A small amount of our funds will cover a portion of the roof replacement, because the total project costs exceeded their maximum allowable expense of \$45,000. This high visibility house adjacent to Baker Park was originally going to be a partnership between the City, Project Now, and Rebuilding Together Henry County before the pandemic put a halt to such volunteer based efforts. The roof work is expected to begin next week.
21. **Project Now**— With its mission of fighting poverty throughout the region and considering the impact that drug addiction often has in both poverty and cyclical poverty, Project Now has been engaged as a potential partner in the efforts to address drug addiction and the lack of sober living facilities in the region. The addition of sober living facilities may be useful in the establishment of in-patient medically staffed facilities, which are often a first step in the process of ending addiction at the individual level.

JOINT REVIEW BOARD REPORT FORM

RECORD OF JOINT REVIEW BOARD
City of Kewanee, Illinois
First Amendment to the Kewanee Downtown Tax Increment Financing District

Pursuant to Illinois Statutes 65 ILCS 5/11-74.4, as amended, the Joint Review Board convened to consider the First Amendment to the Redevelopment Project Area, Plan and Projects for the Kewanee Downtown Tax Increment Financing District for the City of Kewanee, Illinois.

DATE OF CONVENING THE JOINT REVIEW BOARD MEETING: JULY 7, 2021

PRESENT AT CONVENING OF THE JOINT REVIEW BOARD MEETING:

JOINT REVIEW BOARD MEMBERS	
NAME	TAXING DISTRICT / ORGANIZATION
1. Barbara Love	Kewanee Public Library District
2. Gary Bradley	City of Kewanee
3. Shane Kazubowski	Wheatonfield School District
4. Chris Sullens	Kewanee CUSD 229
5.	
6.	
7.	
8.	
9.	
10.	
OTHERS PRESENT	
NAME	ORGANIZATION
1. Nic Nelson	Jauch + Klein, Ltd.
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

JRB PUBLIC MEMBER:

1. *Nomination:* By a Motion provided by _____ and
Seconded by _____, the following person was
nominated to serve as the Public Member to the Kewanee Downtown
TIF District Joint Review Board: _____.
2. *Vote:* By a vote of _____ AYE; _____ NAY; and _____ ABSTENTIONS,
_____ was elected to serve as the
Public Member to the Kewanee Downtown TIF District Joint Review Board.

N/A

JRB CHAIRPERSON:

1. *Nomination:* By a Motion provided by _____ and
Seconded by _____, the following person was
nominated to serve as the Chairperson to the Kewanee Downtown
TIF District Joint Review Board: _____.
2. *Vote:* By a vote of 4 AYE; 0 NAY; and _____ ABSTENTIONS,
_____ was elected to serve as the Chairperson
to the Kewanee Downtown TIF District Joint Review Board.

THE FOLLOWING DOCUMENTS WERE REVIEWED BY THE BOARD:

1. The public record ✓
2. The planning documents ✓
3. The proposed ordinances ✓
4. The Qualifying Characteristics (*TIF Plan*) ✓
5. The Statute, especially Sections 11-74.4-2; 11-74.4-3 and 11-74.4-5 ✓

RECORD OF JOINT REVIEW BOARD (CONTINUED)

City of Kewanee, Illinois

First Amendment to the Kewanee Downtown Tax Increment Financing District

Pursuant to Illinois Statutes 65 ILCS 5/11-74.4, as amended, the Joint Review Board convened to consider the First Amendment to the Redevelopment Project Area, Plan and Projects for the Kewanee Downtown Tax Increment Financing District for the City of Kewanee, Illinois.

DATE OF CONVENING CONTINUED JOINT REVIEW BOARD MEETING: AUGUST 4, 2021

PRESENT AT CONVENING OF THE JOINT REVIEW BOARD MEETING:

JOINT REVIEW BOARD MEMBERS	
NAME	TAXING DISTRICT / ORGANIZATION
1. Barbara Love	Kewanee Public Library District
2. Shane Kozubowski	Wethersfield School District
3. Chris Sullens	Kewanee CUSD 229
4. Gary Bradley	City of Kewanee
5.	
6.	
7.	
8.	
9.	
10.	
OTHERS PRESENT	
NAME	ORGANIZATION
1. Nic Nelson	Jacob + Klein, Ltd.
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

THE JOINT REVIEW BOARD FINDS AND RECOMMENDS TO THE CITY COUNCIL OF THE CITY OF KEWANEE, ILLINOIS (on a motion by Stone Kozubowski, seconded by Chris Sullivan) that the Amended Redevelopment Project Area and Plan satisfy the Plan requirements, the eligibility criteria as defined in 65 ILCS 5/11-74.4-3 and the objectives of the Act.

JOINT REVIEW BOARD MEMBERS				
	NAME	AYE	NAY	ABSENT
1.	Barbara Lowe	✓		
2.	Stone Kozubowski	✓		
3.	Chris Sullivan	✓		
4.	Gary Bradley	✓		
5.				
6.				
7.				
TOTALS				

By Motion made by Barbara Lowe, and Seconded by Stone Kozubowski, the Joint Review Board, having fulfilled all its statutorily required duties, hereby adjourns until such time as the Chairperson calls the next annual meeting of the Joint Review Board to review the TIF District annual report.

Signed:

Chris Sullivan Date: 8-4-2021
Chairperson (Chris Sullivan)

Attested by:

[Signature] Date: 8/4/2021
City Clerk



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

KEWANEE - Henry County

Facility Number: 0730650

July 27, 2021

Gary Moore

Mayor

City of Kewanee

401 E Third Street

Kewanee, IL 61443-2365

Dear Mayor Moore:

An engineering evaluation of the Kewanee community water supply has been completed. A field inspection was performed on July 7, 2021, by Andrew Holloway of this office. Ryan Bockewitz, Bock Incorporated, Certified Operator; Stan Bockewitz, Bock Incorporated, Chris Cruse, Certified Operator, and Don McCauley, Certified Operator, were present.

The Environmental Protection Agency periodically conducts these evaluations to determine if your community water supply meets the requirements of the Illinois Pollution Control Board's public water supply rules, regulations, and related standards. Deficiencies were observed and are outlined in Attachment A.

This evaluation letter should be discussed at the next city council meeting. A written reply listing a specific date to correct the deficiencies is required within 45 days. Your response should also include any corrections to the enclosed "Public Water Supply Data Sheet". Also, please review attachment B. Attachment B presents reminders and recommended improvements.

The City's response and questions regarding your water system should be directed to Andrew Holloway, Illinois EPA-PWS, 4302 North Main St., Rockford, IL 61103

KEWANEE - Henry County

July 27, 2021

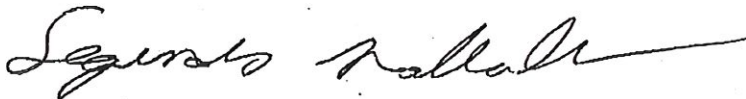
Page 2

This letter is a Noncompliance Advisory and is not a Violation Notice as specified in Section 31(a)(1) of the Act. If you do not adequately respond to the Noncompliance Advisory within 45 days, the Illinois EPA may issue a formal violation notice according to Section 31(a)(1) of the Act.

We appreciate the cooperation and courtesy extended to us during this survey. If you have questions regarding the evaluation do not hesitate to advise this office located at 4302 North Main Street, Rockford, Illinois, phone 815/987-7760.

Sincerely,

ENVIRONMENTAL PROTECTION AGENCY



Segundo Nallatan, P.E.
Rockford Regional Manager
Illinois Environmental Protection Agency
Division of Public Water Supplies
847-608-3138
FAX: 847-608-3139
E-Mail: Segundo.nallatan@illinois.gov

SN/AH

cc: City Clerk

Gary Bradley, City Manager
Kevin Newton, Operation Manager
Ryan Bockowitz, Certified Operator
Stan Bockowitz, Bock Inc.
James Maxon, Distribution Operator

ATTACHMENT A

KEWANEE - Henry County

Inspection Date: July 7, 2021

SUMMARY OF DEFICIENCIES

The current evaluation of your community water supply indicates that the following conditions appear to violate Title IV of the Illinois Environmental Protection Act 415 ILCS 5/1-57.17 (2018) (The Act), 35 Illinois Administrative Code (35 IAC), the Recommended Standards for Water Works (2012) (Standards) and related standards.

Standby Power

1. The City does not have a standby generator to operate either treatment plant or any of the wells if an extended, area-wide power outage should occur. The reverse osmosis membranes are at risk if they cannot be operated at least every 48 hours, or are not pickled within 48 hours of inactivity. A generator sized to operate one well, one RO bank, chemical treatment system and high service pumps is recommended. A construction permit must be obtained from the Agency to install a fixed generator, however a permit is not required if a portable generator is obtained. Minimally your emergency plan should have locations of adequately sized rental generators available. Transfer switches should be installed at each treatment plant to readily connect portable generator sets, if their use is ever required. (The Act, Section 18; The Standards, 2012 Edition, Part 2.6 and 6.6.6; 35 IAC, Section 604.155).

ATTACHMENT B

KEWANEE - Henry County

Inspection Date: July 7, 2021

RECOMMENDED IMPROVEMENTS

TECHNICAL CAPACITY

The following recommendations are made to enhance the technical capacity of the system.

DISTRIBUTION

1. Numerous dead-ended water mains and inoperable valves and hydrants remain in the distribution system. The City is encouraged to continue replacing older failing/undersized water mains, loop the dead end mains, and continue with the existing valve and hydrant replacement program.
2. The distribution system is flushed as necessary to maintain adequate chlorine residual levels. Annual unidirectional flushing and valve operation by water distribution staff are suggested. Informational manuals and videos on unidirectional flushing operations are available from the American Water Works Association.

STORAGE

3. The elevated storage tanks at the Tremont and Weathersfield Plants (North and South) should be placed on a frequent inspection schedule to ensure proper maintenance conditions are met. Adequate inspection and maintenance can result in improved water quality and reduced long term capital costs.

Kewanee - Henry County
Facility #: 0730650
Insp. Date: July 7, 2021

PAGE 1 of 9

FY 2022
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
PUBLIC WATER SUPPLY DATA SHEET

County & Supply Henry County - KEWANEE 0730650
Date Inspected: July 7, 2021 Plant Phone 309/856-6001 (FAX)
Operator: Don McCauley *A* ROINC treatment only Phone 309-854-2926(C)
wyomingilwater@gmail.com
James Maxon-COIRC/Dist Phone 309/852-0202 (Work) 309/883-2282 (Cell)

Scott Logsdon, Water Leadman, 309/852-0202 (Work) 309/525-3684 (Cell)
Other Officials (Title) Gary Moore (Mayor) Phone 309/852-5044 (work)
309/854-3520 (Home)
Gary Bradley (City Mgr) Phone 309/853-4200 (GB)
gbradley@cityofkewanee.net 309/883-1520 (GB cell)
Kevin Newton, Public Works Oper Mgr Phone 309/852-2611 e228 (City Hall)
309 883-9429 (Cell)
Stan and Ryan Bockewitz (Bock Inc, Box 743 Kewanee) Phone: 309-854-3033(SB)
stanb@bockinc.net (Stan), r2bock@yahoo.com (Ryan) Phone: 309-854-2926(Ryan)
Emergency Address Police Department Phone: 309/853-1911
Send Mail To Mayor and Council, City Hall, 401 E.3rd St, Kewanee, IL 61443
Interviewed Don McCauley, Stan Bockewitz, and Ryan Bockewitz, Chris Cruze

Description of Supply:

North Plant TP01 - Tremont St:

Wells 1 and 3 discharge to the Tremont St RO treatment plant following a preflush operation to reduce solids, antiscalant added, cartridge prefiltered, repumped to increase pressure to flow through one or two 30 membrane RO banks, aerated into blend line (~8% raw blend), chlorinated, fluoridated, caustic soda added, discharged into a 500,000 gallon clear well, then repumped to distribution and elevated storage.

South Plant TP03 - Weathersfield:

Wells 4 and 5 discharge to the Garfield St RO treatment plant following a preflush operation to reduce solids, antiscalant added, cartridge prefiltered, repumped to increase pressure to flow through one or two 30 membrane RO banks, aerated into blend line (~8% raw blend), chlorinated, fluoridated, caustic soda added, discharged into two 175,000gallon clear wells, then repumped to distribution and elevated storage.

TP02 abandoned in 2003. Well 2 abandoned and sealed in 2011.

Water Plant Address: 400 N. Tremont St. (North Plant)

Class *A* Facility Reclassified to Class *A* due to 2016 rule change

No. Of Services: Direct 5200 - 100 % Metered

ADEQUACY OF SUPPLY: 2020 pumping data

Production Capacity is 328 % of the average daily pumpage.
Annual Pumpage 401,477,350 gals Production Capacity 3.6 MGD*
Av. Daily Pumpage 1,096,933 gals Max. Day Pumpage 1.405 MG
Est. Population 12,547 Av. Daily per Capita Consumption 87.4 Gal
Time Required to Produce Av Daily Consumption 7.31 Hrs
Time Required to Produce Max Av Daily Consumption 9.37 Hrs
Large Consumers 66,400 ft³/mo-Oakwood Health Care; 22,000 ft³/mo -Hypac; 103,000 ft³/mo-Prison; 19,000 ft³/mo-OSF Hospital
Storage Capacity Elev. Storage - 1MG; Ground Storage - 0.85MG.
Emergency Water & Power Sources: Electricity available from three separate

ATTACHMENT B, PAGE 2

KEWANEE - Henry County

Inspection Date: July 7, 2021

FINANCIAL AND MANAGERIAL CAPACITY

The following recommendations are made to enhance the financial and managerial capacity of the system.

UNACCOUNTED WATER

4. Unaccounted for water is estimated at 38% based on water pumped and water sold. Taking into account the water loss in the plant and for water usage not being tracked in the city, unaccounted water is at approximately 30%, as estimated by Chris Cruse and James Maxon. Unaccounted water should be less than 15% of the water pumped to the distribution system. If unaccounted water exceeds 15%, it is recommended that a thorough check be made for distribution system leaks. Also, since unaccounted water is excessive, it is expected that the replacement or calibration of consumer water meters and the master meters would enhance the accountability of the water and the financial condition of the water system. A leak detection survey using modern leak detection instruments should be conducted to identify leaks in water mains, valves fittings and hydrants so they may be repaired. Kewanee can potentially reduce operating and chemical costs to treat water and to increase revenue if water loss is brought to an acceptable level. It is noted that Kewanee replaced 5150 of their 5200 water meters over the past 5 years.

Kewanee - Henry County
Facility #: 0730650
Insp. Date: July 7, 2021

PAGE 2 of 9

power grids. No standby power.

* Max capacity with two RO plants rated at 1.8 MGD each.

WELLS

On April 6, 2006, Bureau of Land reported an underground storage tank site approximately 150 feet north of Well #1. However, the IEPA reviewed documents from the property owner and sent a letter in March 2008 indicating that remediation has been completed. VOC sampling is required every 3 years rather than every 6 years due to the underground storage tank.

North Plant

Well #1 (ID#31796), rated at 740 gpm is located near the TP01, Tremont RO Plant. Well #3 (ID#31798), 740 gpm, discharges through a transmission main leading from former TP02 to the Tremont St. RO plant. Well #3 can independently run a RO bank, just not at design capacity. A booster pump in series with the Well #3 discharge allows for the supply of one RO treatment bank independently from Well #1. Well #1 can independently supply one RO bank. The City of Kewanee PWS plans to shut down the North Plant for maintenance on the North Tower starting on July 19. The maintenance is expected to take approximately 2 months.

Well #1 is located within a general City yard area. Kewanee received a violation VN W-2015-00012 for storing deicing agent in excess of 50k pounds within the 200 ft. setback zone of Well #1. The salt pile has been moved to Commercial Avenue now.

Well #2 has been abandoned and sealed in 2011. The well had not been utilized due to high solids content that fouled the RO treatment process.

South Plant

Well #4 (ID#31799), rated at 850 gpm at TP03 (new pump and motor in 2017), discharges to the Weathersfield South RO Plant. Well #5 (ID#01495), rated at 800 gpm at TP03, also discharges to the Weathersfield South RO Plant. A VFD has been installed on both wells to allow operators to adjust the discharge flow rate to the match the RO treatment process.

Well pumps for #1, #3, and #4 were resized for the RO treatment plants. Raw water is initially pumped to waste until the Silt Density Index for each well is below the RO manufacturers specified level. VFDs have been installed at all pump locations.

The raw water flush waste tanks and/or sewer collection mains were previously undersized for the volume of water required to flush the wells. The receiving basins overflowed if a single well was flushed for an extended period of time, or if multiple wells are flushed together. This issue was addressed under Violation Notice 2006-00080. The problem has been corrected via operational changes, reducing the volume of generated flushed waters. This has been accomplished by changing the pre-filters from 5 to 1 microns, reducing the time (and volume) necessary to flush the wells.

Kewanee established a 1000 ft. maximum set back zone for Wells #1, #3, and #4 on June 12, 1996, and for Well #5 in 2005.

TREATMENT

Primary treatment is Reverse Osmosis for radium removal, aeration, disinfection, pH controlled, and fluoridation. Two identical treatment trains exist at each treatment plant. The RO units also reduce TDS and chlorides to significantly improve the aesthetic quality and palatability of the water.

Wells #1 and #3 at TP01, North Plant, are flushed to waste to obtain a silt density index of 3 or less, antiscalant added, pre-filtered through cartridge filters, re-pumped through one or two Harn reverse osmosis arrays (15-10-5) depending on demand, aerated, disinfected, fluoridated, caustic soda added to increase pH and to obtain a positive Langlier index; then discharged to storage and re-pumped to distribution and elevated storage. Approximately 90 gpm of raw water is blended with RO product water at the north plant. Well #3 discharges to a transmission main from old TP02, to the TP01 North Tremont Street RO Plant.

Wells #4 and #5 at TP03, South Plant, are flushed to waste to obtain a silt density index of 3 or less, antiscalant added, pre-filtered through cartridge filters, re-pumped through one or two Harn reverse osmosis arrays (15-10-5) depending on demand, aerated, disinfected, fluoridated, caustic soda added to increase pH and to obtain a positive Langlier index; then discharged to storage and re-pumped to distribution and elevated storage. Approximately 90 gpm of raw water is blended with RO product at the south plant.

The pre-filter flush tanks no longer overflow during the well startup process. This problem was corrected under Violation Notice (VN) W-2006-00080, with the original Compliance Commitment Agreement requiring the installation of a pre-filter flushing basin. The basin construction plan was permitted, but abandoned. The final resolution was accomplished via operational changes at the plant, with a switch from 5-micron pre-filter media to 1 micron. The changes effectively reduced the volume of flushing water volume. The VN was closed per Agency letter dated September 4, 2009.

TP02 has been abandoned.

Standby power to operate either water plant in the event of an area wide power failure is not available.

STORAGE/MAINTAIN WATER PRESSURE

Tremont Street Pump Station

Wellsite #1 at TP01 has two high service pumps rated up to 670 gpm to push water through the pre-filters and RO filters. Two 800 gpm pumps take suction from the existing 500,000 gallon blended water ground tank and discharge to distribution. The pumps are equipped with variable frequency drive controls. The HSPs ramp up to speed and ramp down to shut off.

Weathersfield Pump Station

Wellsite #4 at TP03 has two high service pumps rated at 670 gpm to push water through the pre-filters and RO filters. Two 800 gpm pumps take suction from two 175,000 gallon blended water ground tanks and discharge to distribution. The pumps are equipped with variable frequency drive controls. The HSPs ramp up to speed and ramp down to shut off.

Two 500,000 gallon elevated tanks are present, one located at each treatment plant. The elevated tanks were inspected in 2015. An inspection schedule is recommended to ensure proper maintenance conditions are met. Water tanks are being filled up to approximately 95% of the tower. Pressure reducing valves were installed.

Don McCauley stated that in 2018, the riser pipe on the elevated storage tank at the south treatment plant was replaced. This was due to the riser pipe having holes in it. The tank was rehabbed in June of 2019 with a painted outside, a coated inside, as well as some structural work.

DISTRIBUTION

The City has implemented a systemic flushing program, required under a Compliance Commitment Agreement (CCA) dated November 6, 2007, in response to Violation Notice W-2007-00299. The distribution system is flushed 8-9 months a year on the dead end lines and spot flushed as necessary. The firemen and summer personnel flush the system annually. The City was cautioned that failure to properly flush must not result in TTHM MCL violations (as previously occurred). Annual unidirectional flushing and valve operations by water distribution staff has been suggested.

72 dead end water mains are present in the distribution system. According to the Public Works Operations Manager, Kevin Newton, all dead ends have flushing hydrants. Minimum chlorine residual is now maintained via increased flushing and chlorine addition. The City is encouraged to continue replacing older cast iron water mains and loop the dead end mains. Todd Davis states that 80% of the existing water mains are cast iron, and the rest is made up of transite (~15%), PVC and PE material (~5%).

The City does not have a formal valve and hydrant replacement program, however, they work toward replacing valves and hydrants as needed. Valve replacement can help reduce the area of a boil order when necessary, and assure adequate flow through a water main.

The distribution crew maintains a map indicating locations of operable valves and hydrants. Approximately 1% of hydrants and 20% of valves are inoperable or are in poor condition and need replacement. The City is encouraged to continue replacing fire hydrants and valves.

Water use is approximately 80 gallons per day per person. An active meter replacement program is in place. The Public Works Operations Manager stated that they replaced approximately 5000 meters over the last 4.5 years and 150 over the last 6 months. Leak surveys are performed twice per year or as

needed, with the last one being completed in May 2021. Leaks found through the survey are scheduled for repair throughout the year. Replacement of remaining meters should increase water accountability and billing.

CROSS-CONNECTION CONTROL

Kewanee has a cross-connection control program. Cross-connection records are maintained at city hall. Kewanee has contracted Aqua Flow to perform the cross-connection survey.

MONITORING

Operating Reports: Operating reports for the treatment plants are submitted monthly, as required. Finished chlorine records, treatment plant chemical usage, and daily pumpage amounts are reported. Distribution chlorine results are being submitted.

Bacteriological: Monitoring or MCL violations have not occurred. Four (4) raw, two (2) finished, and fifteen (15) representative distribution samples are required each sampling period (monthly).

The sample site plan was reviewed and accurately reflects sampling points in the systems.

D/DBP: TTHM and HAA5 samples collected on 7-23-20, reported TTHM concentrations of 2.06 µg/L, and 4.07 µg/L and HAA5 concentrations of no detection and 2.24 µg/L. Source water chlorine residuals for TP01 and TP03 were 1.1 mg/L free and 1.2 mg/L total, and 1.3 mg/L free and 1.4 mg/L total, respectively. Distribution system residuals have improved since operation of the RO plants began due to lower chlorine demand. A residual chlorine in the distribution was tested at 624 East 4th Street and resulted in a free chlorine of 1.2 mg/L and a total chlorine of 1.3 mg/L.

Violation Notice W-2007-00299 was issued for exceeding the TTHM MCL. Compliance Commitment Agreement (CCA) dated November 6, 2007, required the City to implement a systemic flushing program.

Nitrate/Nitrite: Nitrate/nitrite samples collected from TP01 and TP03 on 7-18-18, were below the MCL.

IOC: IOC samples collected from TP01 and TP03 on 5-20-21, found concentrations within the MCL and/or AL.

Fluoride: Monthly fluoride samples are required from each plant. The monthly fluoride samples results have been primarily reported near the 7.0 mg/L range.

VOC: VOC sampling is required every 3 years for TP01 and every 6 years at TP03. VOC samples collected from TP01 on 12-17-20, and from TP03 on 3-19-20, indicated no detections.

SOC: SOC sampling is required every 9 years. SOC samples collected from TP01 on March 19, 2020, indicated no detections. SOC samples collected from TP03 on March 19, 2020, indicated no detections.

Radiological: The radiological samples collected on July 16, 2018, at TP01 indicated a combined radium content 2.13 pCi/l and a gross alpha content of 4.39 pCi/l. The radiological samples collected on 7-16-18, at TP03 indicated a combined radium content 1.16 pCi/l and a gross alpha content of 0 pCi/l.

Pb/Cu: Kewanee is on maintenance monitoring for lead and copper. Samples collected during 2018 did not exceed the lead or copper action level.

Vulnerability Waiver: The Agency has issued a Vulnerability Waiver from SOC, VOC, and cyanide monitoring for TP03 and for SOC and cyanide monitoring for TP01. Their Vulnerability Waiver is in the process of being renewed.

WATER SYSTEM MANAGEMENT/OWNERSHIP/STAFFING

The "Notification of Ownership or Responsible Personnel" form is current. Mr. Gary Moore is the Mayor and Mr. Gary Bradley is the City Manager.

Mr. Don McCauley, Class *A*, is the COIRC for the treatment plant. Mr. James Maxon is the COIRC for the distribution system.

Emergency Plan/Vulnerability Assessment

The City of Kewanee has an Emergency Plan.

PERMITS

Construction Permit activity for this period is as follows:

1. 2021-0703: Water main extension for construction of Arby's restaurant

WELL DATA

Well#	Capacity	TP#	Well ID#	GUI-SEP	Minimum Setback(ft)	Well Status	Backup	Vuln Waiver
#1	740gpm	01	31796	Yes	200	Active	No	Yes
#3	740gpm	01	31798	Yes	200	Active	No	Yes
#4	740gpm	03	31799	Yes	200	Active	No	Yes
#5	800gpm	03	01495	No	200	Active	No	Yes

HIGH SERVICE PUMP DATA

PUMP #	CAPACITY	TP #	PUMP #	CAPACITY	TP #
#1	<u>800</u> gpm	<u>01</u>	#4	<u>800</u> gpm	<u>03</u>
#2	<u>800</u> gpm	<u>01</u>	#5	<u>800</u> gpm	<u>03</u>

PLANT CAPACITIES

Total Well Capacity	4.3 MGD	Elevated Storage	1 MG
Total Storage Capacity	1.85 MG	Ground Storage	0.5 MG
RO Capacity	3.6 MGD	Ground Storage	0.175 MG
High Service Capacity	4.6 MGD	Ground Storage	0.175 MG

Files: Acceptable

CHANGES & IMPROVEMENTS SINCE THE LAST INSPECTION (2018)

1. Motor and pump at Well 4 at the South plant changed to Line shaft turbine installed as submersible
2. Riser pipe on the South plant elevated tower replaced November 2018
3. Elevated tank at South plant rehabbed in June of 2019, outside painted, inside coated, and structural work was performed

Deficiencies noted in last evaluation (2018)

1. A Class A facility must employ and be supervised by a Class A certified operator. Kewanee must contract with a Class A operator to oversee their facility. - CORRECTED
2. An operating permit has not been obtained for each construction project listed on the enclosed Public Water Supply data sheet. - CORRECTED
3. The Agency does not have an updated "Notification of Ownership or Responsible Personnel" form on file. - CORRECTED
4. The City of Kewanee has an incomplete Emergency Management Plan. - CORRECTED

Recommendations noted in last evaluation (2018)

2. Numerous dead-ended water mains and inoperable valves and hydrants remain in the distribution system. The City is encouraged to continue replacing older failing and undersized water mains, loop the dead ends and continue with the existing valve and hydrant replacement program. - ON-GOING
3. Annual unidirectional flushing and valve operations by water distribution staff are suggested. - NOT CORRECTED
4. The elevated storage tanks at the Tremont and Weathersfield Plants (North and South) should be placed on a frequent inspection schedule to ensure proper maintenance conditions are met.-NOT CORRECTED
5. If unaccounted water exceeds 15%, it is recommended that a thorough check be made for distribution system leaks.-NOT CORRECTED

AH

The July 26th, 2021, Council Meeting was called to order at 7:01 PM. Four members of the City Council were present in Chambers.

The Consent Agenda included the following items:

- a. Approval of Minutes of the July 12th Meeting.
- b. Payroll for the pay period ending July 17th, 2021, in the amount of **\$200,206.01.**
- c. Reports from Police, Community Development, and Bock, Incorporated
- d. Hog days Request

Motion made by Councilmember Faber to approve consent agenda. A Seconded was made by Councilmember Komnick. No Discussion . Motion Passed 5-0

Bills were presented in the amount of \$747,784.93.

Councilmember Komnick moved to approve payment of the bills. Councilmember Baker seconded the motion. Discussion: Council Member Faber had a question on a concrete purchase. K Newton stepped to explain there are a lot of scenarios when purchase concrete...time of delivery and price on that job. **The motion was approved 4-0.**

Public Comments: NONE

New Business:

- a) **Consideration of a Resolution # 5285** authorizing the Mayor or City Manager to execute a facility usage agreement with Kewanee School District #229
Councilmember Baker moved to approve. Councilmember Faber seconded. Discussion: Mayor Moore stated the importance of working with both school districts. **Motion passed 4-0**
- b) **Consideration of a Resolution # 5286** authorizing the Mayor or City Manager to execute a facility usage agreement with Wethersfield School District #230.
Councilmember Komnick moved to approve. Councilmember Faber seconded. Discussion: none **Motion passed 4-0**
- c) **Consideration of a Resolution # 5287** authorizing the purchase of a 2022 Ford police interceptor AWD utility from Gustafson Ford of Kewanee and declaring that this resolution shall be in full force immediately. **Councilmember Baker moved to approve. Councilmember Faber seconded.** Discussion: Mayor Moore asked about the extended warranties that vehicle had to offer. Newton stated that was a 5-year bumper to bumper. Komnick asked how we are doing with getting caught up on a rotation for the Police vehicles. Welgat explained that we are still a bit behind with a few cars but has a plan to get that resolved. **Motion passed 4-0**
- d) **Consideration of an Ordinance # 4064** amending chapter 37.02 of the City code which establishes unrestricted fund balance regulations and declaring that this ordinance shall be in full force upon publication as required by law. .
Councilmember Komnick moved to approve. Councilmember Faber seconded. Discussion: Komnick stated this was pretty word for word from the

discussion in the prior meeting. Bradley stated that was correct. Mayor Moore stated that this has been in the Audit if he has been here. **Motion passed 4-0**

- e) **Consideration of an Ordinance # 4065** granting a request for variance to Jennifer Lang, 311 McKinley Ave. Kewanee, Illinois. **Councilmember Baker moved to approve. Councilmember Faber seconded.** Discussion: Faber just wanted to clarify that Gary Bradley will be doing the inspections for Keith as he is an employee and to prevent conflict of interest. Mayor Moore stated that usually he visits the neighbors to check but has not had a chance on this case, but the board was unanimous. **Motion passed 4-0**

Council Communications:

- **Councilmember Komnick:** Thanked Bradley about the memo regarding the update on the Boiler Property. Keith stepped up to say there was a slight delay. Keith would be keeping them posted. Komnick wanted to thank Haley on her report. Very easy to read. Visited Francis Park and it was very nice and quiet and spoke with a couple bicyclist and they really enjoyed the park. Spoke with Bridgeway and they are willing to speak at a council meeting about services they offer to help combat the Meth issue.
- **Councilmember Baker:** Wanted to say what a great idea the Golf Carts are, and he has received numerous compliments. Question is about the age and kids that he has seen driving around? Welgat stated that he would investigate that. 614 N Chestnut is not looking that great and Baker has been approached about buying it.
- **Councilmember Faber:** Had a Question for the Chief regarding the release of the animals by the Police after hours. Welgat needed to get back to him on this answer he was not aware. Faber asked to get the Electric Car Charging Stations on the agenda for next meeting for discussion only.
- **Councilmember Colomer:** Not Present
- **Mayor's Communications:**
 - **Mayor Moore:** Condolence to the family of Alice Golby. She was revered in the community. We have 112 flags so far up in the American Flag Project. Overwhelming positive response. Thanks, you to the KFD on a call in Neponset and therefore this agreement is so important to keep and facilitate.
- **Announcements: None**
- **Councilmember moved to adjourn the meeting. Councilmember Faber seconded the motion. Motion passed 4-0 The meeting adjourned at 7:28 PM**

SYS DATE: 08/06/21

CITY OF KEWANEE
VENDOR INVOICE REGISTER
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 1

TERM DATE: 08/06/21

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT
-----------	--------	------	-----------	------------	------------	-------------	--------

ACH 080321	BLU06	BLUE LINE LEARNING GROUP LLC		BI	06/30/21	08/02/21	147940.05
------------	-------	------------------------------	--	----	----------	----------	-----------

MANUAL CHECK # ACH 0803 ON 08/02/21 PAID: 147940.05

SEQ	G/L ACCT	DESCRIPTION	DEBIT	CREDIT	PROJECT #
2	74-14-451	JUNE HEALTH CLAIM	133567.79		
3	74-14-451	JUNE HI ADMIN FEE	30842.29		
4	74-14-451	JUNE STOP LOSS CR	16470.03-		
M	74-00-114	MANUAL POSTING		147940.05	
			-----	-----	
			147940.05	147940.05	

109550067Y10X	BLU04	BLUECROSS BLUESHIELD OF ILLINOIS		BI	04/06/21	08/02/21	627.27
---------------	-------	----------------------------------	--	----	----------	----------	--------

MANUAL CHECK # 181 ON 08/02/21 PAID: 627.27

SEQ	G/L ACCT	DESCRIPTION	DEBIT	CREDIT	PROJECT #
2	01-22-929	PICKERING OVERPMT	627.27		
M	01-00-114.3	MANUAL POSTING		627.27	
			-----	-----	
			627.27	627.27	

19250369Y80X	BLU04	BLUECROSS BLUESHIELD OF ILLINOIS		BI	07/14/20	08/02/21	599.25
--------------	-------	----------------------------------	--	----	----------	----------	--------

MANUAL CHECK # 181 ON 08/02/21 PAID: 599.25

SEQ	G/L ACCT	DESCRIPTION	DEBIT	CREDIT	PROJECT #
2	01-22-929	WILSON OVERPMT DO	599.25		
M	01-00-114.3	MANUAL POSTING		599.25	
			-----	-----	
			599.25	599.25	

2345008B950X	BLU04	BLUECROSS BLUESHIELD OF ILLINOIS		BI	01/26/21	08/02/21	538.90
--------------	-------	----------------------------------	--	----	----------	----------	--------

MANUAL CHECK # 181 ON 08/02/21 PAID: 538.90

SEQ	G/L ACCT	DESCRIPTION	DEBIT	CREDIT	PROJECT #
2	01-22-929	CLARK-ROBINSON OV	538.90		
M	01-00-114.3	MANUAL POSTING		538.90	
			-----	-----	
			538.90	538.90	

5949381	CLI02	CLIFTONLARSONALLEN LLP		BI	07/23/21	07/23/21	5479.69
---------	-------	------------------------	--	----	----------	----------	---------

SEQ	G/L ACCT	DESCRIPTION	DEBIT	CREDIT	PROJECT #
1		INVOICE AMOUNT		5479.69	
2	01-11-531	FY21 BANK RECS	4218.75		
3	11-13-531	FY21 AUDIT PROGRE	1000.00		
4	11-13-531	TECH SUPPORT FEE	260.94		
			-----	-----	
			5479.69	5479.69	

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 2

TERM DATE: 08/06/21

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT		
215349	06/14/21	CRA03	CRAWFORD, MURPHY & TILLY	BI	06/14/21	06/14/21	95.00		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		95.00		
			2	32-42-532	AERATION TANK DES	95.00			
						-----	-----		
						95.00	95.00		
1072821		CRA03	CRAWFORD, MURPHY & TILLY	BI	07/23/21	07/23/21	3639.00		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		3639.00		
			2	44-84E-553	DWTN TIF AMD PUB	3639.00			
						-----	-----		
						3639.00	3639.00		
84851		GAR05	GARCIA, SAMUEL	BI	12/07/20	12/07/20	79.80		
		MANUAL CHECK # 182	ON 08/02/21	PAID:	79.80				
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			2	01-22-929	GARCIA OVERPMT DO	79.80			
			M	01-00-114.3	MANUAL POSTING		79.80		
						-----	-----		
						79.80	79.80		
210260AXNR00		HEA12	HEALTH CARE SERVICES CORP	BI	07/15/21	07/15/21	73.14		
		MANUAL CHECK # 180	ON 08/02/21	PAID:	73.14				
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			2	01-11-929	YEARIAN OVERPMT D	73.14			
			M	01-00-114.3	MANUAL POSTING		73.14		
						-----	-----		
						73.14	73.14		
2104800RXM00		HEA12	HEALTH CARE SERVICES CORP	BI	07/20/21	07/20/21	73.14		
		MANUAL CHECK # 180	ON 08/02/21	PAID:	73.14				
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			2	01-11-929	SIMMONS OVERPMT D	73.14			
			M	01-00-114.3	MANUAL POSTING		73.14		
						-----	-----		
						73.14	73.14		
210650BKTR00		HEA12	HEALTH CARE SERVICES CORP	BI	07/15/21	07/15/21	73.14		
		MANUAL CHECK # 180	ON 08/02/21	PAID:	73.14				
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			2	01-11-929	LOPEZ OVERPMT DOS	73.14			
			M	01-00-114.3	MANUAL POSTING		73.14		
						-----	-----		
						73.14	73.14		

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 3

TERM DATE: 08/06/21

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT		
=====									
210750ASFJ00	HEA12	HEALTH CARE SERVICES CORP							
				BI	07/17/21	07/17/21			7.45
	MANUAL CHECK # 180	ON 08/02/21	PAID:	7.45					
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			2 01-11-929		YELM OVERPMT DOS	7.45			
			M 01-00-114.3		MANUAL POSTING		7.45		
						-----	-----		
						7.45	7.45		
109-3270	ILL05	ILLINOIS MUNICIPAL RETIREMENT FUND							
				BI	07/23/21	08/23/21			5117.91
	MANUAL CHECK # ACH0730	ON 07/30/21	PAID:	5117.91					
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			2 01-41-462		ACCELERATED PMT H	2558.96			
			3 51-42-462		ACCELERATED PMT H	1023.58			
			4 52-43-462		ACCELERATED PMT H	1535.37			
			M 01-00-114.00		MANUAL POSTING		5117.91		
						-----	-----		
						5117.91	5117.91		
179-8153	ILL05	ILLINOIS MUNICIPAL RETIREMENT FUND							
				BI	06/29/21	07/29/21			27124.86
	MANUAL CHECK # ACH0730	ON 07/30/21	PAID:	27124.86					
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			2 51-42-462		ACCELERATED PMT P	27124.86			
			M 51-00-114.00		MANUAL POSTING		27124.86		
						-----	-----		
						27124.86	27124.86		
674535	ILL38	ILLINOIS TAX INCREMENT ASSOCIATION							
				BI	07/01/21	07/01/21			650.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		650.00		
			2 02-61-561		21-22 MEMBERSHIP	650.00			
						-----	-----		
						650.00	650.00		
						-----	-----		
						.00	.00		

TOTAL NUMBER OF TRANSACTIONS: 15

TOTAL AMOUNT DUE 192118.60

TOTAL DEBITS 192118.60

TOTAL CREDITS 192118.60

TOTAL OPEN INVOICE AMOUNT ... 9863.69

TOTAL MANUAL CHECK AMOUNT ... 182254.91

TOTAL PRINTED CHECK AMOUNT .. .00

SYS DATE: 08/06/21

CITY OF KEWANEE
VENDOR INVOICE REGISTER
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 1

TERM DATE: 08/06/21

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT
-----------	--------	------	-----------	------------	------------	-------------	--------

D112020	KEW64	KEWANEE AUXILIARY POLICE		BI	07/29/21	08/09/21	1500.00
MANUAL CHECK # ACH 0809 ON 08/09/21			PAID:	1500.00			

SEQ	G/L ACCT	DESCRIPTION	DEBIT	CREDIT	PROJECT #
2	01-21-159.7	4 OFF @ WALMART B	1500.00		
M	01-00-114.00	MANUAL POSTING		1500.00	
			-----	-----	
			1500.00	1500.00	

TOTAL NUMBER OF TRANSACTIONS: 1

TOTAL AMOUNT DUE 1500.00

TOTAL DEBITS 1500.00
TOTAL CREDITS 1500.00

TOTAL OPEN INVOICE AMOUNT00
TOTAL MANUAL CHECK AMOUNT ... 1500.00
TOTAL PRINTED CHECK AMOUNT .. .00

SYS DATE: 08/06/21

CITY OF KEWANEE
VENDOR INVOICE REGISTER
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 1

TERM DATE: 08/06/21

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT		
d07282021	CAL07	CALHOUN, JACK							
				BI	07/28/21	08/09/21	35.00		
		PRINTED CHECK # 59999	ON 07/28/21	PAID:	35.00				
		SEQ	G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
		2	01-41-455		CDL REIMBURSEMENT	35.00			
		M	01-00-114.00		MANUAL POSTING		35.00		
						-----	-----		
						35.00	35.00		
2876867	CLI02	CLIFTONLARSONALLEN LLP							
				BI	05/25/21	08/09/21	525.00		
		PRINTED CHECK # 60011	ON 08/02/21	PAID:	525.00				
		SEQ	G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
		2	11-13-531		AUDIT FINANCIALS	525.00			
		M	01-00-114.00		MANUAL POSTING		525.00		
						-----	-----		
						525.00	525.00		
2949381	CLI02	CLIFTONLARSONALLEN LLP							
				BI	07/23/21	08/09/21	5479.69		
		PRINTED CHECK # 60012	ON 08/02/21	PAID:	5479.69				
		SEQ	G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
		2	11-13-531		AUDIT FINANCIALS	5479.69			
		M	01-00-114.00		MANUAL POSTING		5479.69		
						-----	-----		
						5479.69	5479.69		
D07142021	COM10	COMCAST CABLE							
				BI	07/14/21	07/29/21	113.35		
		PRINTED CHECK # 60006	ON 07/29/21	PAID:	113.35				
		SEQ	G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
		2	38-71-549		INTERNET DEPOT	113.35			
		M	01-00-114.00		MANUAL POSTING		113.35		
						-----	-----		
						113.35	113.35		
NWP072921	COM10	COMCAST CABLE							
				BI	07/29/21	07/29/21	108.35		
		PRINTED CHECK # 60002	ON 07/29/21	PAID:	108.35				
		SEQ	G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
		2	51-93-552		NWTP INTERNET VPN	108.35			
		M	01-00-114.00		MANUAL POSTING		108.35		
						-----	-----		
						108.35	108.35		
WP072921	COM10	COMCAST CABLE							
				BI	07/29/21	07/29/21	88.40		
		PRINTED CHECK # 60001	ON 07/29/21	PAID:	88.40				
		SEQ	G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 2

TERM DATE: 08/06/21

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT
WP072921	COM10	(CONTINUED)					
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 51-93-552		SWTP INTERNET VPN	88.40	
			M 01-00-114.00		MANUAL POSTING		88.40
						-----	-----
						88.40	88.40
D07132021	FRO00	FRONTIER COMMUNICATIONS CORPORATION					
					BI 07/13/21 07/29/21		1641.66
		PRINTED CHECK # 60005	ON 07/29/21	PAID:	1641.66		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 01-41-552		PW	185.04	
			3 54-54-552		PARKS	38.64	
			4 01-11-552		F&A	480.71	
			5 01-22-552		FIRE	285.10	
			6 52-93-552		WWTP	127.62	
			7 57-44-552		SANITATION	45.76	
			8 51-93-552		WTP	54.46	
			9 01-21-552		POLICE	106.95	
			10 58-36-552		CEMETERY	291.18	
			11 62-45-552		FLEET	26.20	
			M 01-00-114.00		MANUAL POSTING		1641.66
						-----	-----
						1641.66	1641.66
D07192021	FRO00	FRONTIER COMMUNICATIONS CORPORATION					
					BI 07/19/21 07/29/21		46.82
		PRINTED CHECK # 60004	ON 07/29/21	PAID:	46.82		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 01-22-552		FIRE FAX LINE	46.82	
			M 01-00-114.00		MANUAL POSTING		46.82
						-----	-----
						46.82	46.82
D071921	FRO00	FRONTIER COMMUNICATIONS CORPORATION					
					BI 07/19/21 07/29/21		821.95
		PRINTED CHECK # 60003	ON 07/29/21	PAID:	821.95		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 01-41-552		PW PHONE	177.42	
			3 54-54-552		PARKS	39.08	
			4 01-11-552		F&A	259.39	
			5 01-22-552		FIRE	51.02	
			6 52-93-552		WWTP	127.34	
			7 57-44-552		SANITATION	46.02	
			8 51-93-552		WTP	53.75	
			9 01-21-552		POLICE	67.93	
			M 01-00-114.00		MANUAL POSTING		821.95
						-----	-----
						821.95	821.95
D072921	JOH33	JOHN DEERE FINANCIAL					
					BI 07/29/21 07/29/21		133.56
		PRINTED CHECK # 60009	ON 07/29/21	PAID:	133.56		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 3

TERM DATE: 08/06/21

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT
D072921	JOH33	(CONTINUED)					
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 58-36-652		CEMETERY SUPPLIES	22.49	
			3 58-36-612		GATOR BATTERY	51.33	
			4 58-36-612		MOWER PARTS	59.74	
			M 01-00-114.00		MANUAL POSTING		133.56
						-----	-----
						133.56	133.56
D07292021	MUT03	MUTUAL OF OMAHA					
				BI	07/29/21	07/29/21	322.40
		MANUAL CHECK # 1487.0	ON 07/29/21	PAID:	322.40		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 74-14-452		LIFE/AD&D	322.40	
			M 74-00-114		MANUAL POSTING		322.40
						-----	-----
						322.40	322.40
180024	PFP00	PF PETTIBONE & CO					
				BI	02/23/21	08/08/21	1052.35
		PRINTED CHECK # 60013	ON 08/02/21	PAID:	1052.35		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 01-21-553		TICKET BOOKS	1052.35	
			M 01-00-114.00		MANUAL POSTING		1052.35
						-----	-----
						1052.35	1052.35
D06012021	RIB00	RIBER, BENNETT					
				BI	06/01/21	07/29/21	14.21
		PRINTED CHECK # 60007	ON 07/29/21	PAID:	14.21		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 01-22-473		BEDDING	14.21	
			M 01-00-114.00		MANUAL POSTING		14.21
						-----	-----
						14.21	14.21
D08062021	RIV10	RIVERG, KEN					
				BI	08/06/21	08/09/21	1708.00
		PRINTED CHECK # 60025	ON 08/06/21	PAID:	1708.00		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 38-71-549		POL CONF FLOOR	1708.00	
			M 01-00-114.00		MANUAL POSTING		1708.00
						-----	-----
						1708.00	1708.00
D08052021	ROS07	ROSS, DUSTIN					
				BI	08/05/21	08/09/21	932.00
		PRINTED CHECK # 60026	ON 08/06/21	PAID:	932.00		
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 4

TERM DATE: 08/06/21

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT
D08052021	ROS07	(CONTINUED)					
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 38-71-549		POL CONF FLOOR	932.00	
			M 01-00-114.00		MANUAL POSTING		932.00
						-----	-----
						932.00	932.00
D07132021	SIS01	SISCO					
				BI	07/13/21	07/29/21	470.15
		MANUAL CHECK # ACH 0713 ON 07/29/21	PAID:	470.15			
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 74-14-451		DENTAL/VISION CLA	465.50	
			3 74-14-451		ID CARDS	4.65	
			M 74-00-114		MANUAL POSTING		470.15
						-----	-----
						470.15	470.15
D07262021	SIS01	SISCO					
				BI	07/26/21	07/29/21	1160.40
		MANUAL CHECK # ACH 0726 ON 07/29/21	PAID:	1160.40			
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 74-14-451		DENTAL VISION CLAI	1160.40	
			M 74-00-114		MANUAL POSTING		1160.40
						-----	-----
						1160.40	1160.40
D08022021	SIS01	SISCO					
				BI	08/03/21	08/03/21	3297.11
		MANUAL CHECK # ACH0804 ON 08/03/21	PAID:	3297.11			
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 74-14-451		DENTAL/VSION CLAI	3297.11	
			M 74-00-114		MANUAL POSTING		3297.11
						-----	-----
						3297.11	3297.11
9884030963	VER06	VERIZON WIRELESS					
				BI	07/13/21	07/29/21	645.17
		PRINTED CHECK # 60008 ON 07/29/21	PAID:	645.17			
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			2 01-21-552		POLICE CELLULAR	645.17	
			M 01-00-114.00		MANUAL POSTING		645.17
						-----	-----
						645.17	645.17
1636710810	WAL09	WALMART					
				BI	07/19/21	07/29/21	265.15
		PRINTED CHECK # 60000 ON 07/29/21	PAID:	265.15			
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #

SYS TIME: 10:53
[NR1WIN]
[G/L DATE: 08/06/21]
PAGE 5

Friday August 6, 2021

TOTAL OPEN INVOICE AMOUNT00
TOTAL MANUAL CHECK AMOUNT ...	5250.06
TOTAL PRINTED CHECK AMOUNT ..	14650.66

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:52
[NR1WIN]

TERM DATE: 08/06/21

PAGE 1

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT
402	ALL08	ALL SEASONS LAWN CARE		BI	07/06/21	08/06/21	2697.71
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		2697.71
			2 01-65-549		WEED MOWING CONTR	2697.71	
						-----	-----
						2697.71	2697.71
403	ALL08	ALL SEASONS LAWN CARE		BI	08/02/21	08/09/21	1603.33
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		1603.33
			2 01-65-549		WEED MOWING CONTR	1603.33	
						-----	-----
						1603.33	1603.33
D07292021	AME29	AMEREN ILLINOIS		BI	07/29/21	08/09/21	81.55
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		81.55
			2 01-21-539		POUND ELECTRICITY	81.55	
						-----	-----
						81.55	81.55
41733	BRE00	BREEDLOVE'S SPORTING GOODS		BI	07/08/21	08/06/21	35.95
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		35.95
			2 01-21-471		CLOTHING ALLOWANC	35.95	
						-----	-----
						35.95	35.95
815	BRE00	BREEDLOVE'S SPORTING GOODS		BI	07/07/21	08/06/21	50.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		50.00
			2 01-21-652		VINYL STICKERS	50.00	
						-----	-----
						50.00	50.00
123257	COL14	COLWELL, BRENT		BI	07/12/21	08/06/21	50.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		50.00
			2 02-61-549		ELECTRICAL INSPEC	50.00	
						-----	-----
						50.00	50.00
123258	COL14	COLWELL, BRENT		BI	07/12/21	08/06/21	50.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		50.00
			2 02-61-549		ELECTRICAL INSPEC	50.00	
						-----	-----
						50.00	50.00

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:52
[NR1WIN]

TERM DATE: 08/06/21

PAGE 2

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE			AMOUNT
123260	COL14	COLWELL, BRENT		BI	07/08/21	08/06/21			50.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		50.00		
			2 02-61-549		ELECTRICAL INSPEC	50.00			
						-----	-----		
						50.00	50.00		
123262	COL14	COLWELL, BRENT		BI	07/08/21	08/06/21			50.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		50.00		
			2 01-65-549		ELECTRICAL INSPEC	50.00			
						-----	-----		
						50.00	50.00		
123263	COL14	COLWELL, BRENT		BI	07/26/21	08/09/21			25.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		25.00		
			2 01-65-549		ELECTRICAL INSPEC	25.00			
						-----	-----		
						25.00	25.00		
123264	COL14	COLWELL, BRENT		BI	07/29/21	08/09/21			50.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		50.00		
			2 01-65-549		ELECTRICAL INSPEC	50.00			
						-----	-----		
						50.00	50.00		
215805	CRA03	CRAWFORD, MURPHY & TILLY		BI	07/15/21	08/06/21			617.50
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		617.50		
			2 51-42-532		AERATION TANKS	617.50			
						-----	-----		
						617.50	617.50		
215855	CRA03	CRAWFORD, MURPHY & TILLY		BI	07/19/21	08/06/21			1235.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		1235.00		
			2 52-43-532.4		CHLORIDES	1235.00			
						-----	-----		
						1235.00	1235.00		
D07292021	EDW00	EDWARDS, KEITH		BI	07/29/21	08/09/21			68.88
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		68.88		
			2 01-65-563		TRAINING/TRAVEL	68.88			
						-----	-----		
						68.88	68.88		

TERM DATE: 08/06/21

PAGE 3

[illegible]

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:52
[NR1WIN]

TERM DATE: 08/06/21

PAGE 4

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT
1219	LAM06	LAMCO		BI	07/16/21	08/09/21	1600.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		1600.00
			2 01-41-581		TREE REMOVAL	1600.00	

						1600.00	1600.00
1228	LAM06	LAMCO		BI	07/20/21	08/09/21	800.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		800.00
			2 01-41-581		TREE REMOVAL	800.00	

						800.00	800.00
1229	LAM06	LAMCO		BI	07/21/21	08/09/21	1000.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		1000.00
			2 01-41-581		TREE REMOVAL	1000.00	

						1000.00	1000.00
1230	LAM06	LAMCO		BI	07/21/21	08/09/21	1200.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		1200.00
			2 01-41-581		TREE REMOVAL	1200.00	

						1200.00	1200.00
1233	LAM06	LAMCO		BI	07/21/21	08/09/21	3400.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		3400.00
			2 01-41-581		TREE REMOVAL	3400.00	

						3400.00	3400.00
1238	LAM06	LAMCO		BI	07/28/21	08/09/21	1800.00
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		1800.00
			2 58-36-581		TREE REMOVAL	1800.00	

						1800.00	1800.00
D08052021	LEM05	LEMANSKI, KRISTI		BI	08/05/21	08/09/21	74.98
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		74.98
			2 01-11-471		CLOTHING ALLOWANC	74.98	

						74.98	74.98

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:52
[NR1WIN]

TERM DATE: 08/06/21

PAGE 5

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT
57986	MEN00	MENARD'S		BI	05/20/21	08/06/21	99.80
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		99.80
			2 01-41-614		STREET REPAIRS	99.80	
						99.80	99.80
57990	MEN00	MENARD'S		BI	05/20/21	08/06/21	71.64
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		71.64
			2 01-41-614		STREET REPAIRS	71.64	
						71.64	71.64
57999	MEN00	MENARD'S		BI	05/20/21	08/06/21	459.69
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		459.69
			2 01-41-614		STREET REPAIRS	459.69	
						459.69	459.69
59460	MEN00	MENARD'S		BI	06/21/21	08/06/21	163.94
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		163.94
			2 01-41-652		STREET TOOLS	163.94	
						163.94	163.94
59461	MEN00	MENARD'S		BI	06/21/21	08/06/21	25.98
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		25.98
			2 01-52-652		PARK TRASH BAGS	25.98	
						25.98	25.98
59913	MEN00	MENARD'S		BI	06/30/21	08/06/21	6.98
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		6.98
			2 62-45-652		SHOP SUPPLIES	6.98	
						6.98	6.98
59918	MEN00	MENARD'S		BI	06/30/21	08/06/21	86.58
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT PROJECT #
			1		INVOICE AMOUNT		86.58
			2 01-41-652		PW SUPPLIES	86.58	
						86.58	86.58

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:52
[NR1WIN]

TERM DATE: 08/06/21

PAGE 6

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE			AMOUNT
60455	MEN00	MENARD'S		BI	07/12/21	08/06/21			439.10
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		439.10		
			2 52-93-512		PVC/SUPPLIES	439.10			
						-----	-----		
						439.10	439.10		
60640	MEN00	MENARD'S		BI	07/16/21	08/06/21			11.94
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		11.94		
			2 52-43-652		SEWER SUPPLIES	11.94			
						-----	-----		
						11.94	11.94		
60647	MEN00	MENARD'S		BI	07/16/21	08/06/21			4.77
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		4.77		
			2 62-45-652		SHOP SUPPLIES	4.77			
						-----	-----		
						4.77	4.77		
60845	MEN00	MENARD'S		BI	07/21/21	08/06/21			2.99
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		2.99		
			2 51-42-652		PW TOILET HANDLE	2.99			
						-----	-----		
						2.99	2.99		
K571732	MOO09	MOORE TIRES KEWANEE		BI	07/16/21	08/06/21			25.29
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		25.29		
			2 62-45-513		TRUCK REPAIR	25.29			
						-----	-----		
						25.29	25.29		
K57497	MOO09	MOORE TIRES KEWANEE		BI	07/21/21	08/09/21			25.29
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		25.29		
			2 62-45-513		w 28	25.29			
						-----	-----		
						25.29	25.29		
1143-464095	O'R00	O'REILLY AUTOMOTIVE STORES, INC		BI	07/20/21	08/09/21			6.36
			SEQ G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			1		INVOICE AMOUNT		6.36		
			2 62-45-612		JETTER	6.36			
						-----	-----		
						6.36	6.36		

SYS DATE: 08/06/21

CITY OF KEWANEE
V E N D O R I N V O I C E R E G I S T E R
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:52
[NR1WIN]

TERM DATE: 08/06/21

PAGE 7

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE	AMOUNT		
1143-464098	O'R00	O'REILLY AUTOMOTIVE STORES, INC		BI	07/20/21	08/09/21	47.49		
			SEQ G/L ACCT		DESCRIPTION		DEBIT	CREDIT	PROJECT #
			1		INVOICE AMOUNT			47.49	
			2 62-45-612		JETTER		47.49		
							-----	-----	
							47.49	47.49	
1143-464170	O'R00	O'REILLY AUTOMOTIVE STORES, INC		BI	07/21/21	08/09/21	6.36		
			SEQ G/L ACCT		DESCRIPTION		DEBIT	CREDIT	PROJECT #
			1		INVOICE AMOUNT			6.36	
			2 62-45-613		FIRE SUV		6.36		
							-----	-----	
							6.36	6.36	
1143-464228	O'R00	O'REILLY AUTOMOTIVE STORES, INC		BI	07/21/21	08/09/21	70.66		
			SEQ G/L ACCT		DESCRIPTION		DEBIT	CREDIT	PROJECT #
			1		INVOICE AMOUNT			70.66	
			2 62-45-613		FIRE SUV		70.66		
							-----	-----	
							70.66	70.66	
1102704-1	OFF00	OFFICE SPECIALISTS INC		BI	04/08/21	08/09/21	29.64		
			SEQ G/L ACCT		DESCRIPTION		DEBIT	CREDIT	PROJECT #
			1		INVOICE AMOUNT			29.64	
			2 01-11-651		COPY PAPER		29.64		
							-----	-----	
							29.64	29.64	
FB165239	RAC02	RACOM CORPORATION		BI	04/07/21	08/09/21	232.14		
			SEQ G/L ACCT		DESCRIPTION		DEBIT	CREDIT	PROJECT #
			1		INVOICE AMOUNT			232.14	
			2 39-73-840		FIRE PICK UP		232.14		
							-----	-----	
							232.14	232.14	
X203034214:01	HAW02	THOMPSON TRUCK & TRAILER, INC		BI	07/21/21	08/09/21	340.84		
			SEQ G/L ACCT		DESCRIPTION		DEBIT	CREDIT	PROJECT #
			1		INVOICE AMOUNT			340.84	
			2 62-45-613		ST 13		340.84		
							-----	-----	
							340.84	340.84	
D07182021	USC00	U.S. CELLULAR		BI	07/21/21	08/06/21	969.21		
			SEQ G/L ACCT		DESCRIPTION		DEBIT	CREDIT	PROJECT #
			1		INVOICE AMOUNT			969.21	
			2 01-41-552		PW		756.04		
			3 01-11-552		CITY MANAGER		23.78-		
			4 58-36-552		CEMETERY		23.99		

SYS DATE: 08/06/21

CITY OF KEWANEE
VENDOR INVOICE REGISTER
REGISTER # 557
Friday August 6, 2021

SYS TIME: 10:52
[NR1WIN]

TERM DATE: 08/06/21

PAGE 8

INVOICE #	VEND #	NAME	REFERENCE	TR CODE	TR DATE	DATE DUE				AMOUNT
=====										
D07182021	USC00	(CONTINUED)								
			SEQ	G/L ACCT		DESCRIPTION	DEBIT	CREDIT	PROJECT #	
			5	01-65-552		COMM DEV	93.45			
			6	58-36-552		FP WIFI	23.99			
			7	54-54-552		CEMETERY HOTSPOT	23.99			
			8	57-44-552		SANITATION TABLET	13.99			
			9	62-45-552		FLEET	57.54			
							-----	-----		
							969.21	969.21		
							-----	-----		
							.00	.00		

TOTAL NUMBER OF TRANSACTIONS: 49

TOTAL AMOUNT DUE 31939.23

TOTAL DEBITS 31939.23

TOTAL CREDITS 31939.23

TOTAL OPEN INVOICE AMOUNT ... 31939.23

TOTAL MANUAL CHECK AMOUNT00

TOTAL PRINTED CHECK AMOUNT .. .00



Health - Building - Zoning

Building Permits July 2021

Date	Bldg. Permit#	Permit Issued To	Job Address	Est Cost	Permit Fee
Job Descrip					
7/1/2021	B-21-112	Dalton Nuding	510 N Grove		
Installation of 6' fence, 70' along the S property line.				\$900.00	(\$20.00)
7/1/2021	B-21-113	Jim Themanson	611 East St S		
Construction of handicap ramp, less than 200 sq ft total (permit fees waived for Rebuilding T				\$700.00	(\$10.00)
7/1/2021	B-21-114	Nikolas Vazquez	319 Hollis		
PV solar installation, roof mount solar installation.				\$10,100.00	\$80.00
7/7/2021	B-21-115	Randi Chismark	416 N East		
Install 15' diameter above ground pool, 36" deep, within existing 4' fence.				\$350.00	\$10.00
7/7/2021	B-21-116	Joseph Dudek	351 E Division		
Construction of 10' - 12' metal shed w/ anchors next to garage.				\$559.00	\$10.00
7/7/2021	B-21-117	Jose Rocha	641 N Walnut		
Replacing front yard 6' fence w/ 4' wood fence, 56'. Construction of 6' wood fence on side of h				\$700.00	\$40.00
7/8/2021	B-21-118	Mara Ahles-Iverson	306 East St S		
Install 6' wood privacy fence on the N/S side, 4' black chain link on the E side for the church p				\$5,500.00	\$20.00
7/8/2021	B-21-119	Robert Barnes	1047 N Main		
Install 8' fence to enclose front of property, front of S neighbors porch to garage to drive, repla				\$4,900.00	(\$20.00)
7/9/2021	B-21-120	Sharron Talbot	814 Pine		
Install 4' - 5' wire privacy fence and gate in back yard, apprx 12' from alley, apprx 25'.				\$500.00	\$20.00

Date	Bldg. Permit#	Permit Issued To	Job Address	Job Descrip	Est Cost	Permit Fee
7/9/2021	B-21-121	Curt Seei	315 S Tenney	Construction of 7' x 7' (49 sq ft total) shed.	\$8,000.00	(\$10.00)
7/9/2021	B-21-122	Kerry Copeland	324 W Prospect	Construction of 22' x 24' (528 sq ft total) steel building for storage behind house. (Updated siz	\$9,000.00	\$89.00
7/19/2021	B-21-123	Jennifer Lang	311 McKinley	Construction of wood deck on concrete footings, under 200 sq ft total.	\$1,500.00	\$10.00
7/19/2021	B-21-124	Maria Paredes	1011 N Chestnut	Install 6' wood fence, 301' on S side of property.	\$2,500.00	\$20.00
7/19/2021	B-21-125	Christopher Smith	420 E College	Install 6' vinyl fence, appx 164', enclosing back yard from back of house, E & W sides of prop	\$4,500.00	\$20.00
7/20/2021	B-21-126	Ryan Frank	500 W Prospect	Install 4' vinyl picket fence on S & E sides of house, 6" inside City sidewalk.	\$1,400.00	\$20.00
7/20/2021	B-21-127	Tom Kaxubowski	813 Birch	Construction of 24' x 30' (720 sq ft total) garage on concrete slab.	\$10,000.00	\$102.00
7/23/2021	B-21-128	Kami Branom	121 Tenney	Construction of 20' x 24' (480 sq ft total) garage with concrete base.	\$17,000.00	(\$82.50)
7/28/2021	B-21-129	Turnroth Sign Co	250 East St S	Remove existing sign and install electronic message center sign between existing brick colum	\$26,724.00	\$75.00
7/28/2021	B-21-130	Monica Motley	615 William	Installation of 24' x 52" round above ground pool, within existing fence.	\$5,500.00	\$82.50
7/28/2021	B-21-131	Kewanee Pool & Spa	235 W Garfield	Installation of 30' x 52" round above ground pool, no fence/locked ladder. Pool wall to be 48"	\$8,200.00	\$102.00
7/30/2021	B-21-132	Julie Held	511 E 8th	Install 6' chain link fence to enclose back yard. Install 4' deep, 16' round above ground pool be	\$4,500.00	(\$30.00)

Date	Bldg. Permit#	Permit Issued To	Job Address	Est Cost	Permit Fee
------	---------------	------------------	-------------	----------	------------

<i>Value of improvements in Enterprise Zone</i>	\$36,000.00
<i>Value of improvements outside the Enterprise Zone</i>	\$87,033.00
<i>Total Value of Improvements</i>	\$123,033.00
<i>Total Value of Permit Fees waived for Enterprise Zone</i>	(\$172.50)
<i>Total Value of other Permit Fees</i>	\$700.50

Prepared by: _____



Health - Building - Zoning

Electrical Permits July 2021

Date	Elec Permit#	Permit Issued To	Job Address		
Job Descrip			Est Cost	Permit Fee	
7/1/2021	E-21-046	Nikolas Vazquez	319 Hollis		
PV solar installation, roof mount solar installation.			\$4,107.00	\$50.00	
7/2/2021	E-21-047	Dustin Blay	157 W South St		
Retrofitting all flourescent lighting to LED, tubes and ballasts. (Permit fees doubled, work star			\$50,000.00	\$200.00	
7/6/2021	E-21-048	Dennis Duytschaver	808 S West		
Upgrade from 60A to 100A service.			\$1,250.00	\$50.00	
7/8/2021	E-21-049	Swanson Electric	107 N Main		
Replacing ceiling light fixtures, separating lighting circuits.			\$10,000.00	(\$100.00)	
7/15/2021	E-21-050	George Guzzardo	235 S Chestnut		
Install underground electrical service from street by Ameren IP.			\$2,375.00	(\$50.00)	
7/29/2021	E-21-051	Tina Chamberlain	414 Hollis		
Install new meter base.			\$1,000.00	(\$50.00)	

Date	Elec Permit#	Permit Issued To	Job Address	Est Cost	Permit Fee
<hr/>					

<i>Value of improvements in Enterprise Zone</i>	\$13,375.00
---	--------------------

<i>Value of improvements outside the Enterprise Zone</i>	\$55,357.00
--	--------------------

<i>Total Value of Improvements</i>	\$68,732.00
------------------------------------	--------------------

<i>Total Value of Permit Fees waived for Enterprise Zone</i>	(\$200.00)
--	-------------------

<i>Total Value of other Permit Fees</i>	\$300.00
---	-----------------

Prepared by: _____



Health - Building - Zoning

Plumbing Permits July 2021

Date	Plumb Permit	Permit Issued To	Job Address	Job Descrip	Est Cost	Permit Fee
------	--------------	------------------	-------------	-------------	----------	------------

7/8/2021	P-21-066	Ed's Htg, AC, Plmbg & Elec., Inc.	1126 W Mill, Apt #4	Install one new AO Smith natural gas power vent water heater.	\$1,615.92	(\$50.00)
----------	----------	-----------------------------------	---------------------	---	------------	-----------

7/9/2021	P-21-067	Ed's Htg, AC, Plmbg & Elec., Inc.	427 E Garfield	Install one new A.O. Smith 40 gallon natural gas water heater.	\$1,021.12	\$16.30
----------	----------	-----------------------------------	----------------	--	------------	---------

7/19/2021	P-21-068	Ed's Htg, AC, Plmbg & Elec., Inc.	500 S Main	Install one ne A.O Smith 40 gallon natural gas water heater.	\$1,550.00	(\$16.30)
-----------	----------	-----------------------------------	------------	--	------------	-----------

<i>Value of improvements in Enterprise Zone</i>	\$3,165.92
---	-------------------

<i>Value of improvements outside the Enterprise Zone</i>	\$1,021.12
--	-------------------

<i>Total Value of Improvements</i>	\$4,187.04
------------------------------------	-------------------

<i>Total Value of Permit Fees waived for Enterprise Zone</i>	(\$66.30)
--	------------------

<i>Total Value of other Permit Fees</i>	\$16.30
---	----------------

Prepared by: _____



Health - Building - Zoning

Miscellaneous Permits July 2021

Date	Misc Permit#	Permit Issued To	Job Address	Job Descrip	Est Cost	Permit Fee
7/28/2021	M-21-012	Chad Lucas	1408 W Prospect	Demolition of garage.	\$1,000.00	\$25.00

Value of improvements in Enterprise Zone **\$0.00**

Value of improvements outside the Enterprise Zone **\$1,000.00**

Total Value of Improvements **\$1,000.00**

Total Value of Permit Fees waived for Enterprise Zone **\$0.00**

Total Value of other Permit Fees **\$25.00**

Prepared by: _____

CITY OF KEWANEE CITY COUNCIL AGENDA ITEM		
MEETING DATE	August 9, 2021	
RESOLUTION OR ORDINANCE NUMBER	Resolution #5288	
AGENDA TITLE	Consideration of Resolution # 5288 to approve an application for the City's Infill Development Program.	
REQUESTING DEPARTMENT	Administration	
PRESENTER	Gary Bradley, City Manager	
FISCAL INFORMATION	Cost as recommended:	\$2,500+
	Budget Line Item:	N/A
	Balance Available	N/A
	New Appropriation Required:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PURPOSE	Authorizes the award of funds to assist with the construction of a new home.	
BACKGROUND	<p>The City established this incentive program to serve as a catalyst for the construction of homes on lots that had previously held residences, the idea being to fill in some of the empty gaps in block fronts, restore EAV, and leverage our funds with private capital for reinvestment in neighborhoods as part of a long-term strategy for economic development. Since it's inception, the project has not yet been used and was defunded in the budget, despite the availability of funds and the proven benefit of similar programs across the country. The City's investment would be recouped within a few years and provides for growth in the EAV of not just the City but also in the other taxing jurisdictions that we typically consider to be our partners.</p>	

SPECIAL NOTES	N/A
ANALYSIS	Infill development is a successful strategy because it makes use of infrastructure that already exists; streets that are already built and maintained, water and sewer lines that are in place and running past vacant lots. Reinvestment in the neighborhood typically serves as a catalyst for other renovation and rehabilitation projects or additional infill development projects.
PUBLIC INFORMATION PROCESS	N/A
BOARD OR COMMISSION RECOMMENDATION	N/A
STAFF RECOMMENDATION	Staff recommends approval
PROCUREMENT POLICY VERIFICATION	N/A
REFERENCE DOCUMENTS ATTACHED	Infill Development Program Application



City of Kewanee Infill Development Program

General Information

Jerry Westefer

Applicant Name

7-16-21

Date of Request

249 Hollis st. Kewanee

Home Address (Street, City, State, Zip)

Phone

Westefer Builders

Business Name (if applicable)

Business or Alternate Phone

209 E College

Project Address

Email

Financial Information

Total Estimated Cost of Project 80-90 thousand

Sources of funding (list all that apply)

Owner/Builder Equity s Lot - equipment \$30,000

Bank/Credit Union Financing \$ 14MP

Grant Funding \$

Other \$

Building Information

SO. Ft. More than 1500 sq ft Living + 720 sq. Garage

Bedrooms 3

Bathrooms 2

Stories 1

Style Ranch

Anticipated schedule:

Applicant Signature [Signature]

Date

RESOLUTION NO. 5288

A RESOLUTION AUTHORIZING THE CITY MANAGER TO APPROVE AND PREPARE DOCUMENTS THAT ARE NECESSARY TO AMEND THE BUDGET AND PROGRAM DOCUMENTS THAT ARE NECESSARY TO MAKE THE PROGRAM EFFECTIVE.

WHEREAS, the City of Kewanee recognizes the importance of Infill Development as an economic development strategy the builds the tax base of affected taxing jurisdictions; and

WHEREAS, the City of Kewanee has established an infill development grant program but has opted not to fund it over the past few years; and

WHEREAS, the program is of no consequences if it exists but has no funding; and

WHEREAS, the City of Kewanee received an application for funding under the program but cannot act on it without council authorization and direction.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF KEWANEE THAT:

Section 1 The City Manager is hereby authorized to approve application that have been or may be submitted and is directed to prepare budget amendments in order to enable the same.

Section 2 This Resolution shall be in full force and effect immediately upon its passage and approval as provided by law.

Adopted by the Council of the City of Kewanee, Illinois this 9th day of August, 2021.

ATTEST:

Rabecka Jones, City Clerk

Gary Moore, Mayor

RECORD OF THE VOTE	Yes	No	Abstain	Absent
Mayor Gary Moore				
Councilmember Michael Komnick				
Councilmember Steve Faber				
Councilmember Chris Colomer				
Councilmember Tyrone Baker				

CITY OF KEWANEE CITY COUNCIL AGENDA ITEM		
MEETING DATE	August 9, 2021	
RESOLUTION OR ORDINANCE NUMBER	Resolution # 5289	
AGENDA TITLE	Resolution authorizing the City Manager or his designee to execute documents that are necessary for the acquisition and financing of a new ambulance.	
REQUESTING DEPARTMENT	Fire	
PRESENTER	Chief Shook	
FISCAL INFORMATION	Cost as recommended:	\$75,000 down payment \$235,643 total
	Budget Line Item:	01-22-999 Rolling stock Fire Department
	Balance Available	\$91,589.22
	New Appropriation Required:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Financing Required
PURPOSE	Provides authorization to order the production and purchase of a new ambulance.	

BACKGROUND	<p>The Fire Department operates 3 ambulances with an average of over 2000 calls per year. These calls for service generate revenues of \$500,000 - \$600,000 annually directly through patient/insurance billing for services. The department's fleet consists of one Ford 450 that is 11 years old and two International 4500s that are 10-11 years old. The Internationals were purchased used from Byron Fire Department in 2017 to replace 2001 and 2005 models. Lifespan of an ambulance based on usage hours is 7-10 years as primary response vehicle. Kewanee traditionally has prolonged usage up to as many as 18 years. With an aging fleet that is beyond its life expectancy, these older ambulances need to be repaired frequently. Due to supply shortages and extended chassis deliveries the build and delivery times of new ambulances are up to a year from order to delivery. This in turn has also affected the used ambulance market with few on the market that are less than 10 years old.</p>
SPECIAL NOTES	N/A
ANALYSIS	<p>A panel of five staff members evaluated responses from five companies and found the recommended model to be the best value for the City's investment.</p>
PUBLIC INFORMATION PROCESS	N/A
BOARD OR COMMISSION RECOMMENDATION	N/A
STAFF RECOMMENDATION	Staff recommends approval
PROCUREMENT POLICY VERIFICATION	<p>The RFP and response evaluation were in accordance with the procurement policy.</p>
REFERENCE DOCUMENTS ATTACHED	Proposed Ambulance Information



Kewanee Fire Department
Kevin Shook
Fire Chief
401 East 3rd St.
Kewanee, IL 61443
Phone 309-852-2115
kshook@cityofkewanee.net

7/28/2021

Proposed Ambulance Information

The ambulance being proposed is a “Osage” brand vendored by North Central Emergency Vehicles. North Central EV is in Plainfield Illinois and has a shop and staff on hand to do warranty work at that location. The Osage factory is located in Osage County, Missouri.

- The ambulance would be built on a 2022 Ford 550 chassis 4x4 Type 1
- The ambulance module is 172 inches in length with the side access door in the forward position. (2 inches longer than other bids received)
- Interior head room is 74 inches (2 inches taller than other bids)
- Patient aisle of 49.75 inches (2 inches wider than other bids)
- Interior cabinet materials will be aluminum. (Other bids were for wooden cabinets)

A few of the Illinois entities that have this brand are:

Ottawa FD	4 ambulances of this brand
Princeton FD	3
OSWEGO FPD	3
Bartlett FD	2
Gibson City Hospital	2
Romeoville FD	1
North Palos FPD	4 plus 2 remounts

A 3-page list of references all located in Illinois was supplied with the response.



RESOLUTION NO. 5289

A RESOLUTION AUTHORIZING THE CITY MANAGER OR HIS DESIGNEE TO EXECUTE DOCUMENTS THAT ARE NECESSARY FOR THE ACQUISITION AND FINANCING OF A NEW AMBULANCE.

WHEREAS, the City of Kewanee recognizes that emergency services is an important part of maintaining a healthy and safe community; and

WHEREAS, the City of Kewanee is responsible for emergency medical services for the residents and businesses of Kewanee; and

WHEREAS, The City of Kewanee is in need of a new ambulance to maintain service; and

WHEREAS, the City of Kewanee issued a request for proposals and evaluated responses in accordance with the City's procurement policy; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF KEWANEE THAT:

Section 1 The City Manager or his designee to execute documents that are necessary for the acquisition and financing of a new ambulance.

Section 2 This Resolution shall be in full force and effect immediately upon its passage and approval as provided by law.

Adopted by the Council of the City of Kewanee, Illinois this 9th day of August, 2021.

ATTEST:

Rabecka Jones, City Clerk

Gary Moore, Mayor

RECORD OF THE VOTE	Yes	No	Abstain	Absent
Mayor Gary Moore				
Councilmember Michael Komnick				
Councilmember Steve Faber				
Councilmember Chris Colomer				
Councilmember Tyrone Baker				

CITY OF KEWANEE CITY COUNCIL AGENDA ITEM		
MEETING DATE	August 9, 2021	
RESOLUTION OR ORDINANCE NUMBER	Ordinance #4066	
AGENDA TITLE	Consideration of an ordinance amending Sections 155.070 (B) Special Uses AND 155.071 (B) Special Uses.	
REQUESTING DEPARTMENT	Community Development	
PRESENTER	Keith Edwards, Director of Community Development	
FISCAL INFORMATION	Cost as recommended:	N/A, including recurring charges
	Budget Line Item:	N/A
	Balance Available	N/A
	New Appropriation Required:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PURPOSE	To establish Cannabis Cultivation Center and Cannabis Craft Grower as Special Uses in Manufacturing Districts.	
BACKGROUND	The City previously established these uses in the definitions; however we did not place there use into the necessary districts. This simply adds the uses into the code for any potential future business.	
SPECIAL NOTES	N/A	
ANALYSIS	Review of other model ordinances, including one from the IML, these uses seem to fit best within Manufacturing Districts.	

Item E

PUBLIC INFORMATION PROCESS	
BOARD OR COMMISSION RECOMMENDATION	N/A
STAFF RECOMMENDATION	Staff recommends passing the ordinance.
PROCUREMENT POLICY VERIFICATION	
REFERENCE DOCUMENTS ATTACHED	

ORDINANCE # 4066

AN ORDINANCE AMENDING SECTION 155.070 (B) SPECIAL USES AND 155.071 (B) SPECIAL USES ESTABLISHED IN THE CITY OF KEWANEE CODE OF ORDINANCES, AND DECLARING THAT THIS IS ORDINANCE IS IN FULL FORCE AS PROVIDED BY LAW.

WHEREAS, The City of Kewanee has previously established permitted special uses in M-1 Manufacturing District – Limited & M-2 Manufacturing District - General; and

WHEREAS, The State of Illinois enacted the Cannabis Regulation and Tax Act (Act), which pertains to the possession, use, cultivation, transportation and dispensing of adult-use cannabis, which became effective June 25, 2019; and

WHEREAS, Pursuant to the Act, the City may enact reasonable zoning ordinances or resolutions not in conflict with the Act, regulating cannabis business establishments, including rules adopted governing the time, place, manner and number of cannabis business establishments, and minimum distance limitations between cannabis business establishments and locations the City deems sensitive; and

WHEREAS, The City Council has found that adding Cannabis Cultivation Center as a permitted special use is needed.

WHEREAS, The City Council has found that adding Cannabis Craft Grower as a permitted special use is needed.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF KEWANEE, ILLINOIS, IN COUNCIL ASSEMBLED, AS FOLLOWS:

Section 1 The City Council hereby amends Chapter 155.070(B) of the City Code by inserting text shown as underlined and omitting text shown as ~~strikethrough~~ as follows:

§ 155.070 M-1 MANUFACTURING DISTRICT, LIMITED.

(B) Special uses. The following uses may be allowed by special use permit per the provisions of §§ 155.155 through 155.157.

(13) Cannabis Cultivation Center. Cannabis Cultivation Centers shall not be located within 750 feet of the property line of a School, Church, Licensed Daycare Center, Nursery School, Park, Sheltered care or board and care facility, Penal or correctional institutions, Hospitals or sanitariums, public or private, Municipal or privately owned recreation building, or any other use deemed necessary by the Planning Commission and City Council. The hours of operation shall be determined as a part of the conditions under which the special use is granted. The consumption of all cannabis and cannabis infused products, on the Cannabis Cultivation Center site, shall be prohibited. Cannabis Cultivation Centers shall comply with all other City and State Laws.

- (14) Cannabis Craft Grower. Cannabis Craft Growers shall not be located within 750 feet of the property line of a School, Church, Licensed Daycare Center, Nursery School, Park, Sheltered care or board and care facility, Penal or correctional institutions, Hospitals or sanitariums, public or private, Municipal or privately owned recreation building, or any other use deemed necessary by the Planning Commission and City Council. The hours of operation shall be determined as a part of the conditions under which the special use is granted. The consumption of all cannabis and cannabis infused products, on the Cannabis Craft Grower site, shall be prohibited. Cannabis Craft Growers shall comply with all other City and State Laws.

Section 2 The City Council hereby amends Chapter 155.071(B) of the City Code by inserting text shown as underlined and omitting text shown as ~~strikethrough~~ as follows:

§ 155.071 M-2 MANUFACTURING DISTRICT, GENERAL.

- (B) Special uses. The following uses may be allowed by special use permit per the provisions of §§ 155.155 through 155.157.

- (7) Cannabis Cultivation Center. Cannabis Cultivation Centers shall not be located within 750 feet of the property line of a School, Church, Licensed Daycare Center, Nursery School, Park, Sheltered care or board and care facility, Penal or correctional institutions, Hospitals or sanitariums, public or private, Municipal or privately owned recreation building, or any other use deemed necessary by the Planning Commission and City Council. The hours of operation shall be determined as a part of the conditions under which the special use is granted. The consumption of all cannabis and cannabis infused products, on the Cannabis Cultivation Center site, shall be prohibited. Cannabis Cultivation Centers shall comply with all other City and State Laws.
- (8) Cannabis Craft Grower. Cannabis Craft Growers shall not be located within 750 feet of the property line of a School, Church, Licensed Daycare Center, Nursery School, Park, Sheltered care or board and care facility, Penal or correctional institutions, Hospitals or sanitariums, public or private, Municipal or privately owned recreation building, or any other use deemed necessary by the Planning Commission and City Council. The hours of operation shall be determined as a part of the conditions under which the special use is granted. The consumption of all cannabis and cannabis infused products, on the Cannabis Craft Grower site, shall be prohibited. Cannabis Craft Growers shall comply with all other City and State Laws.

Adopted by the Council of the City of Kewanee, Illinois this 9th day of August 2021.

ATTEST:

Rabecka Jones, City Clerk

Gary Moore, Mayor

RECORD OF THE VOTE	Yes	No	Abstain	Absent
Mayor Gary Moore				
Council Member Michael Komnick				
Council Member Chris Colomer				
Council Member Steve Faber				
Council Member Tyrone Baker				

CITY OF KEWANEE CITY COUNCIL AGENDA ITEM		
MEETING DATE	August 9, 2021	
RESOLUTION OR ORDINANCE NUMBER	Ordinance # 4067	
AGENDA TITLE	Consideration of an ordinance amending Sections 155.066 (A) Permitted Uses AND 155.070 (A) Permitted Uses.	
REQUESTING DEPARTMENT	Community Development	
PRESENTER	Keith Edwards, Director of Community Development	
FISCAL INFORMATION	Cost as recommended:	N/A, including recurring charges
	Budget Line Item:	N/A
	Balance Available	N/A
	New Appropriation Required:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PURPOSE	To update the permitted uses in Business and Manufacturing Districts to allow for Planned Developments.	
BACKGROUND	The City previously established the use in the definitions; however we did not place the use into all the necessary districts. This simply adds the use into the code for any potential planned developments.	
SPECIAL NOTES	N/A	
ANALYSIS		
PUBLIC INFORMATION PROCESS		
BOARD OR COMMISSION RECOMMENDATION	N/A	

STAFF RECOMMENDATION	Staff recommends passing the ordinance.
PROCUREMENT POLICY VERIFICATION	
REFERENCE DOCUMENTS ATTACHED	

ORDINANCE #4067

AN ORDINANCE AMENDING SECTION 155.066 (A) PERMITTED USES ESTABLISHED IN THE CITY OF KEWANEE CODE OF ORDINANCES, SECTION 155.070 (A) PERMITTED USES ESTABLISHED IN THE CITY OF KEWANEE CODE OF ORDINANCES, AND DECLARING THAT THIS IS ORDINANCE IS IN FULL FORCE AS PROVIDED BY LAW.

WHEREAS, The City of Kewanee has previously established permitted uses in B-1 Business District – Limited Retail; and

WHEREAS, The City Council has previously established the definition for Planned Development within the existing Zoning Code; and

WHEREAS, The City Council has found that adding Planned Development permitted use within Business Zoned Districts is needed.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF KEWANEE, ILLINOIS, IN COUNCIL ASSEMBLED, AS FOLLOWS:

Section 1 The City Council hereby amends Chapter 155.066(A) of the City Code by inserting text shown as underlined and omitting text shown as ~~strikethrough~~ as follows:

§ 155.066 B-1 BUSINESS DISTRICT, LIMITED RETAIL.

(A) Permitted uses.

(80) Planned developments, as defined in § 155.003.

Section 2 The City Council hereby amends Chapter 155.070(A) of the City Code by inserting text shown as underlined and omitting text shown as ~~strikethrough~~ as follows:

§ 155.070 M-1 MANUFACTURING DISTRICT, LIMITED.

(A) Permitted uses.

(59) Planned developments, as defined in § 155.003.

Section 3 This Ordinance shall be in full force and effect immediately upon its passage and approval as provided by law.

Adopted by the Council of the City of Kewanee, Illinois this 9th day of August 2021.

ATTEST:

Rabecka Jones, City Clerk

Gary Moore, Mayor

RECORD OF THE VOTE	Yes	No	Abstain	Absent
Mayor Gary Moore				
Council Member Michael Komnick				
Council Member Chris Colomer				
Council Member Steve Faber				
Council Member Tyrone Baker				

DONATE



EXPERT BLOG › PATRICIA VALDERRAMA - ALUM & MADHUR BOLOOR - ALUM &
ADA STATLER - ALUM & SAMUEL GARCIA - ALUM

Electric Vehicle Charging 101

July 10, 2019

Patricia Valderrama - Alum & Madhur Bloor - Alum & Ada Statler - Alum &
Samuel Garcia - Alum

This is the seventh blog in a series about our Midwest electric vehicle adventure.

Over the past two weeks, we've embarked on a 5-state [road trip through the Midwest](#) in an electric vehicle (EV). One of our main motivations was to demonstrate that the increased range of newer EVs and **the increased buildout of public charging stations throughout the United States make it easier than ever to drive long distances in an EV.**

On average, US car owners drive about [31 miles a day](#)—a range that newer EVs can meet several times over on a single charge. Further, according to the US Department of Energy, [over 80 percent of EV charging happens at home](#), where EV owners have set up their own chargers. Many drivers can also fill up their batteries at their workplaces.

This means that being dependent on public charging, as we were on our road trip, is the exception—not the norm. Our success using public charging infrastructure demonstrates that even the rarest, most challenging charging needs can be met. Based on our recent experiences, we'll take you through the basics of EV charging. (It should be noted that Tesla has its own extensive charging network and its own kinds of plugs—see the second lesson for more on that—but non-Tesla owners can't use it.)

or plugs—see the second lesson for more on that—but non-Tesla owners can't use it.)

Hopefully, our EV Charging 101 will answer your questions about how to fill up [an electric car](#).

First Lesson: The Levels

The first thing to know is that there are three different charging levels. We'll use the 2017 Chevy Bolt we rented for our road trip as a point of reference for how quickly you can fill up the battery at each kind of charger, so you'll need to know that our Bolt gave us about 220 miles of range with a 60-kilowatt-hour (kWh) battery.

Level 1 chargers are the slowest, but they are also ubiquitous and work for some people's needs. Level 1 is the EV community's word for a regular 110-120 volt (V) wall outlet. That's the same voltage you'd use to power most of the stuff in your house, from a floor lamp to a microwave to a phone charger. It would take about 40 hours to fully charge the battery on our Bolt from empty at a Level 1 charger, at a rate of about 5 miles of added range per hour of charging. This is not ideal: we avoided using Level 1s and avoided letting our battery run close enough to empty that we would need one. But we've heard it can work in a pinch.

Level 2 chargers are much better at EV charging than a regular old wall outlet and, in our road trip experience, they were easy to find at all our destinations and along many highways. They are 220-240 V—that's the same voltage as a standard-size electric clothes dryers that can be found in some homes. Scott Willenbrock, an EV and clean energy champion we met with in Champaign, IL, even has a NEMA 14-30 adapter he uses to plug his car into friends' dryer outlets when he goes on road trips much longer than ours. We found that public Level 2 chargers typically charge at a rate of about 6 kilowatts (kW). For our long-distance Bolt battery, that means a Level 2 charger can add about 25 miles of range per hour of charging. Filling up the whole battery from empty would take around 9 hours. Since cars are parked approximately [95 percent](#) of the time, Level 2 charging is often the most suitable method of filling up an EV.

For the first few days of our road trip, while we were getting a feel for our EV, its range, and its needs, we relied on Level 2 charging overnight at all our destinations. The EV community refers to this as destination charging—and it worked wonderfully! It's also the most affordable option, allowing us to fully charge our car for free in many places. We could plug in our Bolt, leave it overnight, and come back to it in the morning with all of us energized and ready to go. Toward the end of the trip, when we were more

or us energized and ready to go. Toward the end of the trip, when we were more comfortable with lower battery percentages, we started using Level 2 chargers to top up while we had meetings or did something purely recreational (like, say, watching the US women's soccer team take no prisoners).

Level 3 chargers are also referred to as fast chargers, DCFC chargers, and DC fast chargers. They are 400 V or more, and typically charge at a rate of 50-60 kW. This means our Bolt battery could fill up from empty in 1 hour and 20 minutes, at a rate of 150 miles of added range per hour of charging. Sounds great, huh? Unfortunately, the increased charging speed goes hand-in-hand with increased prices. Level 3 charging is the most expensive option of those we have discussed so far, typically costing us around \$30 to recharge almost all of our battery and gain back about 200 miles of range. Even though a full charge is expensive, most EV drivers use their car to go between home, school, and/or work and to run errands, so if they need to use Level 3 charging, it can be for a top off rather than for a total battery recharge. And, of course, fast charging is great for roadtrippers like us.

It's also important to note that not all EVs are designed to handle this kind of charging. If their battery is smaller, they won't be able to receive that kind of voltage. Two examples are the older models of the Chevy Spark and all Smart Cars: these are intended to be small, short-distance commuter cars. [Early models of EVs](#) exhibited slight reductions in battery range over time if they consistently used Level 3 charging, but improvements in battery chemistry and battery management have since reduced these concerns. Another important note: not all Level 3 charging stations end up delivering precisely the promised voltage, leading to not-so-fast charging and thus longer charging times than anticipated.

Second Lesson: The Plugs

Different kinds of EVs also have distinct charge ports, which are like outlets on the car. This means that the shape of the plug you connect to your EV to recharge it varies as well. There are three classes of plugs, also referred to as connectors: CCS (which stands for combined charging system, also known as SAE Combo or Combo), CHAdeMO, and Tesla. The plug shape varies by make for Level 3 charging only. All EVs

sold in the U.S. after 2000 use J1772 plugs for Level 2 charging.

The Bolt uses the CCS class of plug for fast charging. There are more pins, which are like prongs, on a Level 3 CCS plug than on a Level 2 CCS plug. CHAdeMO plugs work for the Nissan LEAF and for Teslas, as long as the Tesla driver has an adaptor.

Unfortunately for the rest of us, Teslas' plugs are proprietary, and only work for Tesla drivers.



When going on a long-distance trip like ours or considering buying an EV, you'll need to know what class of plug can refill your car. Thankfully, [apps that EV drivers use](#) to find their closest public charging stations can filter by plug type. That means you only need to remember one or two names (for us and our Bolt, it was J1772 and CCS) and then not worry about the rest.

Third Lesson: The Charging Companies

Public charging stations are owned or operated by private charging companies, utilities, local government, or, as [in the case of Columbus](#), a public-private partnership. Some charging companies require you to have a membership to recharge your EV at their stations. You may need a physical membership card, or you may be able to log in with your phone, using the same technology available at some ATMs. Some of the charging companies have partnerships so that you can use your account with one to fill up at another's stations. Several of them also have useful map apps that allow you to find and get directions to their closest public charging stations. Some EV drivers we spoke to had favorite companies and ones they avoided. We ended up using the services of six charging companies on our trip, with mixed results.

As this nascent industry grows and builds out the necessary infrastructure across the country, there are some wrinkles to be ironed out. Several Midwest EV drivers we met on our trip had had the same problems across the region, some of which we subsequently experienced ourselves. Examples include poor charging station design, with charging cables not even reaching charging ports, and poor station maintenance—especially during Midwest winters, we hear! The good news is that we never got stranded, and our occasional issues could always be solved with a quick phone call, which resulted in a free recharge for our Bolt at least once.

Conclusions: Public Charging in the Midwest

We figured out what charging station memberships we needed, what kinds of plugs worked with our EV, and how quickly our EV could fill up at Level 2 and Level 3 charging stations before we started our road trip. Once we were on the trip, we encountered few difficulties while plugging in, and none of them were insurmountable.

Ann Arbor, MI was the only place where we couldn't park and plug at the first charging stations we had in mind because other EVs were plugged in—and then we just drove to another floor in the same garage and found available chargers. Chicago was the only city where we had to go to a second garage to find a working charger, but parking in downtown Chicago isn't easy regardless of what kind of car you drive. This is part of why EV-positive policies must also include [better electrified transportation options](#) beyond light-duty passenger vehicles.

We also discovered that some charging stations are designed to look sleek and futuristic, while others were more along the lines of a small, plain metal box. However, appearances can be deceiving: how glamorous the charging station seemed was not an indicator of how well it worked.

When we had long-distance drives, like from Champaign to St. Louis (170-180 miles), we stopped at Level 3 chargers to extend our range. On these Level 3 charging stops, we nearly always spent time at nearby businesses, including local restaurants, Walmarts, and Dunkin' Donuts. (In our Midwest adventure, we found that quite a bit of the region's Level 3 chargers are paired with Walmarts and Dunkin'.) This suggests that there is a strong economic case for businesses both big and small to install Level 3 chargers on site to attract EV- and hybrid-driving customers. Generally, you can also spend your time at Level 3 chargers relaxing by reading a book, watching TV, or stretching your legs while your EV fills up.

Or you could (even) talk to your neighbors at the plug. EVs are still rare enough in most states that it's easy to bond with a fellow EV driver at a charging station, and we've found that EV drivers in the Midwest love to talk cars. Some of our favorite moments on the trip were talking to drivers just as excited about this new technology as we are and fielding questions from curious passersby. We hope that this sense of tight-knit community lasts while [better policies drive further EV adoption](#) and expand the EV community across the country and [in the Midwest in particular](#).

We went on a Midwest electric vehicle road trip to talk about transportation policy, highlight the already booming benefits of electric vehicles to local economies, and shatter stereotypes about what it means to be an electric vehicle driver. We're blogging about our findings, including tips for other aspiring roadtrippers and policy suggestions for further progress.

Other blogs related to our electric adventure include:

[Driving \(on\) Clean Energy: Touring the Midwest in an EV](#)

[State of the States: EVs and EV Policy in the Midwest](#)

[Road Trip Report: How Ohioans Buy EVs \(It Should Be Easier\)](#)

[Avoiding Range Anxiety with an EV Road Trip Checklist](#)

[Road Trip Report: Midwest Cities Move Multimodal](#)

[Midwest Electric Vehicles in 5 Maps](#)

ABOUT THE AUTHORS



Robotics & Automation NEWS



World's first LiDAR multibeam scanner
with safe solid state technology

▶ WATCH VIDEO

SICK
Sensor Intelligence.



Top 20 electric vehicle charging station companies

MAY 1, 2019 BY **SAM FRANCIS**

My Stock Pick for 2021

Is a Trillion Dollar Train ETF

This is a \$2.65 Trillion Dollar Industry and You Have Never Heard of It

investingwhisperer.com

OPEN

Electric cars lost their image of being flimsy, slow and perhaps slightly embarrassing a long time ago.

The public's priorities have changed. A lot of people, especially the younger generations, consider looking after the environment more important than roaring down the freeway in a fantastic muscle car.

The second option sounds good though.

But even there, newer electric cars have a turn of speed that would leave many muscle cars flapping in their exhaust fumes – if they emitted any.

And while the radical tree-hugging types among us might have relished the prospect of seeing fossil fuel companies suffer an erosion of their mountains of money and oodles of power, diminished by the clean energy sector, it looks like they're going to be disappointed.

Oil and gas companies are apparently adopting the well-known business motto, "If you can't beat 'em, join 'em", and look set to integrate electric charging points at fuel stations as standard – it seems only a matter of time.

Meanwhile, all the top automakers have been developing electric cars and, unlike in the past, taking them much more seriously because, whereas in the past, the huge question of infrastructure remained unanswered, now, the political, social and technological environment is such that there is already a large number of charging stations all across the US and in many other countries in the world.

And there are more on the way. These past few weeks and months, *Robotics and Automation News* has reported on numerous new developments in electric vehicle charging technology.

So it seemed a good idea to collate them in this article, and present them in the form of a list, which is not really ordered in a strict way – just 20 companies that are either developing EV charging technologies or are already supplying them to the market.

We've decided to concentrate more on commercial or public EV charging points, but we have also included some that are meant for private household use.

It's not meant to be exhaustive, if you'll pardon the pun, but we hope you find it informative and useful.

It's estimated that there are more than 1 billion cars on the world's roads. Of these, around 2 to 3 million are pure battery-electric and plug-in hybrid electric vehicles, according to the International Energy Agency, which forecasts that there may be 300-400 million EVs on the road out of approximately 2 billion vehicles by 2040.

Nanalyze suggests that the US alone needs about 2 million EV charging stations for the 40 or more electric car models that are likely to be on the roads in their multitudes.

Right now, according to the **Open Charge Map**, there are almost 150,000 charging stations across about 75,000 locations around the world. This sounds like an under-estimation, but at least someone's counting. The countries with the highest number are:

highest number are:

- United States ~ 21,000 charging stations
- Germany ~ 12,000
- Netherlands ~ 8,000
- United Kingdom ~ 7,000
- Italy ~ 4,000

And even though home-installed chargers can be bought for \$500 to \$1,000, there will still be a demand for public chargers because electric vehicles don't go very far on a single charge – they need to be topped up regularly.

So, a gigantic market in the making, whichever way you look at it.

1. ChargePoint

ChargePoint – previously called Coulomb Technologies – claims to manage the world's largest network of electric vehicle charging points.

In 2017, it took over General Electric's 10,000 charging stations, which added to its pre-existing 35,000. Latest figures suggest the company has around 60,000 in total.

ChargePoint says its public and private stations are dotted across the US, Canada, Mexico, and other countries.

The company, which was established 12 years ago, raised \$240 million last year for its expansion plans, and currently reports annual revenues in the region of \$42 million.

2. ABB

We report a lot on ABB's activities in the robotics sector – the company is one of the largest industrial robot manufacturers in the world. But a much larger part of ABB's business is power generation equipment.

So it's probably inevitable that it will become one of the leading suppliers of "downstream" power equipment, and **ABB has unveiled a range of charging solutions** for fast charging of buses and cars.

However, it is not yet among the leaders in EV charging stations market, although its recent partnership with Porsche – to develop EV chargers – will inevitably raise its profile.

3. BP

The famous energy giant is probably more interested in electric power than is good for its oil and gas business, especially as some people think the apparent societal shift to electric vehicles will negatively affect the fossil fuels sector.

Nonetheless, BP claims to be the largest provider of charging points in the UK through its ChargeMaster subsidiary, acquired for £130 million last year, with almost 7,000 units. It followed the acquisition with a £25 million investment in fast-charging technologies.

More recently, BP invested in a Chinese EV charging platform provider in China called PowerShare. Other initiatives include a \$5 million investment in FreeWire, which makes mobile charging stations.

4. Shell

Another energy giant, along with BP, Shell also appears keen to get in the electric vehicle charging market and is doing so through its GreenLots business unit, which it acquired at the start of this year for an undisclosed amount.

Shell claims to be investing \$200 million a year in alternative energy solutions and says it will increase that to \$1 billion a year by 2020.

In 2017, it acquired EV charging specialist NewMotion, which has more than 30,000 points across Europe, and access to 50,000 more, according to Green Tech Media.

Shell also took part in the investment round of a company called Ample, which says it offers an alternative to conventional charging by using proprietary autonomous robotics technology.

5. Webasto

Moving away temporarily from the commercial or public charging points segment, or at least big oil, Webasto is a diversified technology company which provides a mix of home and on-the-road charging solutions.

The company spent \$35 million acquiring the "efficient energy systems" business of Aerotech, another diversified technology company whose products also include EV systems.

Webasto, which claims to be among the world's top 100 suppliers to the automotive industry, has an online shop, through which EV charging points can be bought for around €700.

6. Hyundai

Hyundai has partnered with another car manufacturer, Kia, to develop a **wireless electric vehicle charging system**.

It appears to be part of the two companies' integrated autonomous car offering, which they plan to launch commercially in a couple of years.

For now, what they have demonstrated is an autonomous electric car parking itself over an EV charging point.

Wireless charging is being looked into by other companies as well. Among them is Daimler Mercedes-Benz.

Although not the same technology, another of Hyundai's innovations is probably worth mentioning here: a **solar charging system for cars**, whereby the solar panel is integrated into the car roof.

7. RWE

Daimler has been developing electric cars for some time, and is looking to bring them to market when the time and conditions are right – some time this year.

And rather than wait for others to develop the infrastructure, the automotive giant has partnered with RWE to construct 500 EV charging points across Germany and Europe.

RWE is a European energy giant and has many divisions. The one which is building the EV charging infrastructure is called RWE Effizienz.

RWE claims to be the only company in Europe to manufacture various types of charging stations in-house, to install these stations in both public and residential spaces and operate them using a custom software solution as well as supply them with eco-electricity.

RWE is a good example of an energy company or a utility company entering the electric vehicles market.

8. Daimler Mercedes-Benz

As well as its partnership with RWE, through which it will effectively own or at least have access to 500 EV charging stations, Daimler is partnering with other companies.

One of those is another European energy company, EnBW, which is working with Daimler to set up 700 charging points in south-west Germany.

Daimler has also reached an agreement with NewMotion – the company mentioned above as having been acquired by Shell – through which the two companies will develop **charging solutions for fleet customers**.

So, although it will only have a couple of hundred electric cars in operation, mainly for testing purposes in the near future, Daimler is already creating an ecosystem in which they will likely flourish.

9. Siemens

Europe's largest engineering company has been giving its employees free top-ups for their electric vehicles for the past couple of years through its own charging stations.

Siemens has demonstrated a number of charging solutions, both for standard and fast charging, for the home as well as public roads.

The company was an investor in ChargePoint a couple of years ago, and has since installed hundreds of charging points across Europe.

Siemens claims it has established a leading position within this growing market and is prioritizing fast charging solutions as well as extensive technical support.

10. EVgo

EVgo claims to operate the largest network of public electric fast-charging stations in the US. It recently partnered with ABB to establish what it says is the first "high-power" fast charging station in Fremont, California.

The difference appears to involve going from 150 kW to 350 kW with an upgrade. Put more simply by EVgo, its systems go like this:

- Level 1 charging: up to 2 miles, 30 minutes;
- Level 2 charging: up to 10 miles 30 minutes; and
- Direct current fast charging: up to 75 miles, 30 minutes.

EVgo says it has so far installed a total of 1,050 chargers in more than 66 metropolitan areas across the US.

11. EVBox

This is another company which could claim to operate the world's largest network of EV charging points, with approximately 60,000 installed across the globe.

The company also has 700 fast charging stations which it acquired through the takeover of EVTronic last year.

Specializing in electric vehicle charging systems, EVBox provides a range of hardware and software solutions which include home and public chargers.

A startup founded in 2010, EVBox has partnered with many companies, including energy and utility companies such as Engie and Eon.

12. G2Mobility

French oil and gas giant Total last year acquired fast-charging solutions provider G2Mobility for an undisclosed sum at around the same time as it bought clean

energy supplier Direct Energie for \$1.7 billion.

G2Mobility not only develops charging points but is also developing an electric vehicle ecosystem. Although more recent figures are not immediately available, it managed 10,000 charging points about 18 months ago.

13. Pacific Gas and Electric

Back to big energy again for another example of traditional fuel merchants edging into the clean energy space and becoming more like utilities.

As noted already, a large number of utilities are entering the electric vehicle market, and we could fill a list of 20 with just those.

In the US, as well as Pacific Gas and Electric, other utilities such as Southern California Edison, and San Diego Gas & Electric are among the many partnering with electric car companies to create networks of charging stations.

Quartz reports that Pacific Gas and Electric is installing "thousands" of fast-charging stations in the state of California.

14. Blink

Things change fast in the world of advanced technology at the best of times, and in new markets like electric vehicles and related infrastructure, things are even more dynamic.

Blink was a company that was tipped by analysts to become the biggest in the market. Now that title probably belongs to ChargePoint.

Nonetheless, Blink Charging is a sizeable company with a market capitalization of almost \$70 million. It has around 150,000 registered members and has installed somewhere in the region of 15,000 charging stations in the US.

And **Blink's recent partnership with Tauriga** is in line with its plans to install another 5,000 by the end of this year.

15. Renault

Big oil could probably fill up this list of 20. Utilities certainly could. And so could car companies.

Automotive companies are, of course, at the heart of this new emerging ecosystem. It's their vehicles that charging station technology needs to be compatible with.

And in terms of technology, Renault is offering an innovative solution it calls "**vehicle to grid charging**". What this means is that the station and car would modulate the charging and discharging of electric vehicle batteries.

According to Renault, this will mean that the electricity grid optimizes the supply of local renewable energy and reduces infrastructure costs.

16. Phihong

Probably not one of the better-known companies, but Phihong contacted *Robotics and Automation News* directly with information about their new **AC32 electric vehicle charger**.

And we always appreciate even a tiny amount of acknowledgment of our existence.

Certified for the North American market, Phihong's EV charger is said to be suitable for locations such as residential, parking lot, gas or service station, as well as commercial fleet operators.

17. Schneider Electric

Another name that is recognized within its sector but not a household name, Schneider Electric is probably best known for its data center solutions, such as uninterruptible power supply units – which keep the servers running if the grid goes down.

Schneider has a range of electric vehicle charging solutions which are designed for home and public applications.

The company is tipped to have a significant presence in this nascent market in the future.

18. Efacec

And going from less well-known to possibly obscure, Efacec is a Portuguese energy, engineering and mobility company. Actually, it's claimed to be the largest such enterprise in the country, with annual revenues of approximately €500 million.

Efacec's electric vehicle charging stations encompass "quick charging" to "ultra fast charging", and are available for private as well as public use, although the public segment is emphasized by the company itself.

Data on the number of Efacec's installations are not immediately available, but Portugal is estimated to have a total of fewer than 1,000 public EV charging points, so it's probably a potentially good market.

19. Eaton

This company is very well known in the industrial space, but perhaps not many knew it produced an electric vehicle charging station.

It's said to be designed for home or commercial use, and the company appears to be offering customized solutions to suit the client.

20. Ample

Looks like a brand new startup, but worth mentioning because it's been of interest to many investors, including Shell, as mentioned above.

In all, **Ample** has raised more than \$31 million in funding so far.

What's particularly interesting to this website is that Ample reportedly plans to use an autonomous, possibly mobile robot to charge the electric car.

And it's also talking about smart battery technology, which could refer to the ongoing innovations some companies are making in that field.

Who knows? More as we get it.

Silently roaring down the freeway of the future

It's taken a long, long time for electric vehicles to gain acceptance in the minds of the public or consumers, and a lot of that is probably down to the industry's reluctance to build the infrastructure. And governments may have been too beholden to big oil in the past.

There was a perception that electric cars would be a poor choice of vehicle, unfashionable, geeky at a time when geeks weren't cool. But that still doesn't explain why trucks and other functional vehicles didn't switch to electric.

It's probably a combination of lack of infrastructure, shortcomings in technology, and the challenges therein.

But now, it seems the whole world is waking up to electric vehicles and their growth will probably mirror that of automatic cars, which have all but replaced manual cars in many countries.

And on the subject of automatic, another interesting aspect of electrification is, of course, that it makes sense to integrate more electronics into vehicles – meaning, more autonomy.

But that's a whole other article.

Even in this article, we haven't been able to include something on all the companies we looked into. But worth mentioning are:

- Alfen
- Allego
- Clipper Creek
- Continental
- Leviton
- Magna
- Semaconnect
- Tgood
- ZF

Most of these companies are from a report by Research and Markets, which forecasts the electric vehicle charging stations market will grow from \$5.2 billion

forecasts the electric vehicle charging stations market will grow from \$3.3 billion in 2018 to more than \$30 billion in 2023.

And last but not least, Bosch, one of the world's largest suppliers of automotive technologies, also makes EV chargers.

We probably should have included them in the top 20, but they get plenty of publicity anyway, especially on this website.

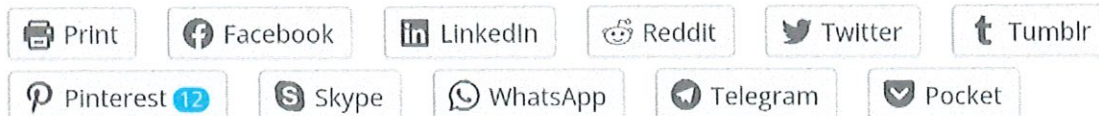
One interesting aspect of Bosch's activities is that the company also develops fuel cell technologies, which are sort of in competition with electric.

It will be interesting to see which "new energy" wins out and becomes the main alternative to petrol over the next few years. We'll be covering it as much as we can.

Extra: We should also include Electrify America and Stable Auto here, as **the two companies recently partnered to offer electric vehicle fleet charging infrastructure**, although we did not know about them at the time we made the list.

Also, we should mention another company that didn't make the list simply because we didn't know they produced EV chargers. **Delta** is a very large Taiwanese company which provides a wide range of products to industry, including robotic arms. The company also manufactures EV charging solutions for residential, commercial and public environments.

Share this:



You might also like...



ABB technology in 40
Vattenfall electric vehicle
fast-charging stations
across Sweden

ABB and Microsoft launch
next-generation electric
vehicle charging services

ABB and Fastned open their
100th electric vehicle
charging location

FILED UNDER: [FEATURES](#), [TRANSPORTATION](#)

TAGGED WITH: [ELECTRIC VEHICLE CHARGING STATIONS](#), [EV CHARGING STATION COMPANIES](#), [EV CHARGING STATION DEVELOPERS](#), [VEHICLE](#)

JOIN THE ROBOTICS & AUTOMATION NEWS COMMUNITY

Search this website

LATEST ARTICLES

- › 'World's first' magnetic robotic-assisted surgeries performed with Levita Magnetics' newest platform
- › Estonian company Auve Tech launches 'world's first' autonomous hydrogen vehicle
- › AutoX launches new version of its fully driverless system production for 'RoboTaxis'
- › MassRobotics partners with Procter & Gamble to develop automation and manufacturing-related applications
- › Denver schools bring in robots to clean floors
- › 5 Must-Have Gadgets for Winter
- › Project Business Automation: Large Manufacturers Learn to Integrate Disparate Systems
- › Arrival partners with Ambarella to develop advanced driver assistance systems
- › SICK earns Innovation Award from Robotics Business Review for LiDAR Localization Product
- › Brodmann17 adds ADAS to Peachtree Corners' Level 3 autonomous vehicle for real-world smart city testing

OVERUSED WORDS

abb ai applications automated **automation** automotive autonomous business china
companies **company** control customers data design development digital electric global

companies company control customers data design development digital electric global
industrial industry logistics machine manufacturing market mobile platform process
production robot robotic robotics robots safety software solution
solutions system systems technologies technology time vehicle vehicles
warehouse

LATEST NEWS

- > 'World's first' magnetic robotic-assisted surgeries performed with Levita Magnetics' newest platform
- > Estonian company Auve Tech launches 'world's first' autonomous hydrogen vehicle
- > AutoX launches new version of its fully driverless system production for 'RoboTaxis'
- > MassRobotics partners with Procter & Gamble to develop automation and manufacturing-

MassRobotics partners with Intel & Cummins to develop automation and manufacturing related applications

- > [Denver schools bring in robots to clean floors](#)
- > [5 Must-Have Gadgets for Winter](#)
- > [Project Business Automation: Large Manufacturers Learn to Integrate Disparate Systems](#)
- > [Arrival partners with Ambarella to develop advanced driver assistance systems](#)
- > [SICK earns Innovation Award from Robotics Business Review for LiDAR Localization Product](#)
- > [Brodmann17 adds ADAS to Peachtree Corners' Level 3 autonomous vehicle for real-world smart city testing](#)

WE ARE...

Robotics and Automation News was established in May, 2015, and is now one of the most widely-read websites in its category.

Please consider supporting us by becoming a paying subscriber, or through advertising and sponsorships, or by purchasing products and services through our shop – or a combination of all of the above.

Thank you.

INDEPENDENT

COMPLEX

ARCHIVISTS

May 2019

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

OLD-SKOOL

This website and its associated magazine, and weekly newsletter, are all produced by a small team of experienced journalists and media professionals.

If you have any suggestions or comments, feel free to contact us at any of the email addresses on our contact page.

We'd be happy to hear from you, and will always reply as soon as possible.

FUTURE-FACING

FREE, FAIR AND LEGAL

We support the principles of net neutrality and equal opportunities.

eGallon

Department of Energy

[Home](#) » eGallon

eGallon: Compare the costs of **driving** with **electricity**

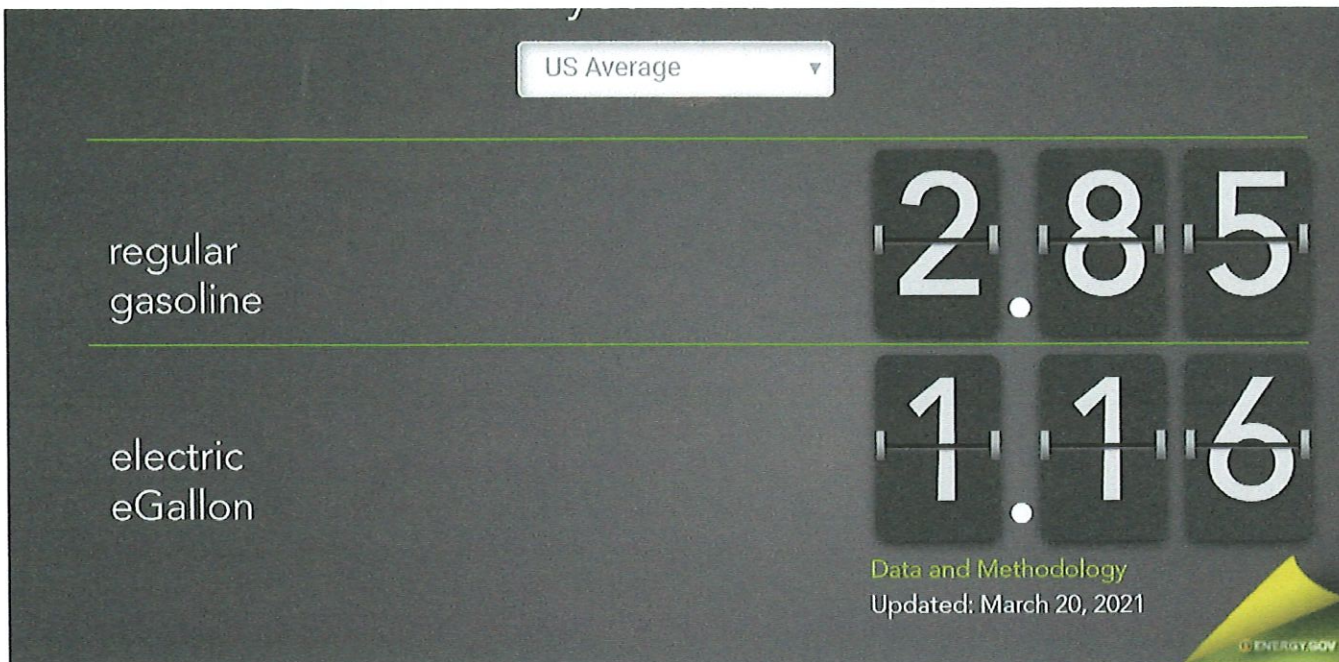
What is eGallon?

It is the cost of fueling a vehicle with electricity compared to a similar vehicle that runs on gasoline.

Did you know?

On average, it costs about half as much to drive an electric vehicle.

Find out how much it costs to fuel an electric vehicle in your state



The eGallon price is calculated using the most recently available state by state residential electricity prices. The state gasoline price above is either the statewide average retail price or a multi-state regional average price reported by EIA. The latest gasoline pricing data is available on EIA's webpage. Find out more at www.energy.gov/eGallon.

Illinois 2.76 - Gasoline
1.12 - Electric
E GALLON



1000 Independence Ave. SW
Washington DC 20585
202-586-5000

✉ Sign Up for Email Updates



ABOUT ENERGY.GOV



ENERGY.GOV RESOURCES



CITY OF KEWANEE CITY COUNCIL AGENDA ITEM		
MEETING DATE	August 9, 2021	
RESOLUTION OR ORDINANCE NUMBER	Discussion Only	
AGENDA TITLE	Discussion concerning current shallow foundations allowed for accessory structures and potential increase in size.	
REQUESTING DEPARTMENT	Community Development	
PRESENTER	Keith Edwards, Director of Community Development	
FISCAL INFORMATION	Cost as recommended:	N/A
	Budget Line Item:	N/A
	Balance Available	N/A
	New Appropriation Required:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PURPOSE	To increase the allowed size of shallow foundations for accessory structures.	
BACKGROUND	<p>Recently I applied for a variance to the current ordinance that allows a slab/shallow foundation of a maximum size of 720 square feet for a residential garage. In my research I found that the City of Galesburg allows up to 1000 square feet on a shallow foundation with an 8" by 8" curb footing and two #3 rebar in the curb footing (same as our code for 720 sq ft). Cedar Rapids Ia. Allows up to 1250 with a 12" by 12" curb footing. I have had discussions with the Iowa Illinois Building Officials Association on this topic. Several municipalities are considering increasing the size for shallow foundations as well.</p>	

SPECIAL NOTES	<p>If we were to allow for larger garages without requiring frost free footings, there will need to be some stipulations such as:</p> <ul style="list-style-type: none">• Residential use only• Not attached to any other structure• No plumbing• No second floor• No previous building on the site• No living quarters – no life safety concerns• Minimal fill (current code allows up to 18 inches) – any fill brought in must be properly compacted• Slab must be a monolithic pour•• 12" curb footing will contain no less than two #4 bars
ANALYSIS	<p>By increasing this allowable square footage for shallow foundations, it would lower the costs of building supplies making it easier for residents to build the garage they desire.</p> <p>IRC Section R403.1.4.1 does make reference to document 3201 from the American Society of Civil Engineers titled Design and Construction of Frost-Protected Shallow Foundations. This reference from the IRC makes suggestions for protecting shallow foundations by heating and/or insulating the foundation. I would suggest leaving this as an option for the resident to decide but not a requirement.</p>
PUBLIC INFORMATION PROCESS	N/A
BOARD OR COMMISSION RECOMMENDATION	N/A

STAFF RECOMMENDATION	<p>Staff requests direction whether or not to move forward with changing the current ordinance. Staff recommends changing the current ordinance to similar size and requirements as Cedar Rapids.</p> <p>1200 sq ft</p> <p>12" x 12" curb footing with 2 #4 rebar</p> <p>Residential use only</p> <p>Not attached to any other structure</p> <p>No plumbing</p> <p>No second floor</p> <p>No previous building on the site</p> <p>No living quarters – no life safety concerns</p> <p>Minimal fill (current code allows up to 18 inches) – any fill brought in must be properly compacted</p> <p>Slab must be a monolithic pour</p>
PROCUREMENT POLICY VERIFICATION	N/A
REFERENCE DOCUMENTS ATTACHED	N/A