

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
PHYSICAL CHEMISTRY

1. The first part of the experiment is devoted to the study of the temperature dependence of the rate constant for the reaction of hydrogen peroxide with iodide ions in the presence of ceric ions as a catalyst.

2. The second part of the experiment is devoted to the study of the effect of the concentration of the reactants on the rate of the reaction.

3. The third part of the experiment is devoted to the study of the effect of the concentration of the catalyst on the rate of the reaction.

4. The fourth part of the experiment is devoted to the study of the effect of the concentration of the reactants on the rate of the reaction.

5. The fifth part of the experiment is devoted to the study of the effect of the concentration of the catalyst on the rate of the reaction.

6. The sixth part of the experiment is devoted to the study of the effect of the concentration of the reactants on the rate of the reaction.

7. The seventh part of the experiment is devoted to the study of the effect of the concentration of the catalyst on the rate of the reaction.

8. The eighth part of the experiment is devoted to the study of the effect of the concentration of the reactants on the rate of the reaction.

9. The ninth part of the experiment is devoted to the study of the effect of the concentration of the catalyst on the rate of the reaction.

10. The tenth part of the experiment is devoted to the study of the effect of the concentration of the reactants on the rate of the reaction.

11. The eleventh part of the experiment is devoted to the study of the effect of the concentration of the catalyst on the rate of the reaction.

12. The twelfth part of the experiment is devoted to the study of the effect of the concentration of the reactants on the rate of the reaction.

13. The thirteenth part of the experiment is devoted to the study of the effect of the concentration of the catalyst on the rate of the reaction.

14. The fourteenth part of the experiment is devoted to the study of the effect of the concentration of the reactants on the rate of the reaction.

15. The fifteenth part of the experiment is devoted to the study of the effect of the concentration of the catalyst on the rate of the reaction.

**PROCEEDINGS OF THE TOWN COUNCIL OF
THE CORPORATION OF LIBERTY, INDIANA
September 3, 2024**

The Town Council of the Town of Liberty, Indiana met in regular session on September 3, 2024 in the Union County Commissioner's Chambers.

Town Council President Kieth Bias called the meeting to order.

ROLL CALL

Present were: Ross Keasling, Derrek Jenkins and Jerry Kahl.

Also in attendance was Melissa Shepler, Clerk-Treasurer; Matt Reuss, Todd Dickenson, Jim Barnhizer, Nancy Miller, Amy Blann and Jamie Bennett.

APPROVAL OF MINUTES

Mr. Kahl made a motion to approve the minutes of the regular meeting of August 19, 2024. Mr. Jenkins supported the motion. Upon a vote viva voce, motion passed.

ORDINANCES

RESOLUTIONS

Mr. Keasling made a motion to approve Resolution 2024-13. Mr. Jenkins supported the motion. Upon a vote viva voce, motion passed.

Mr. Jenkins made a motion to approve Resolution 2024-14. Mr. Kahl supported the motion. Upon a vote viva voce, motion, passed.

DEPARTMENT HEADS

Utilities Superintendent Matt Reuss informed the Council that the external tank for the generator has been ordered from Co-op.

Fire Chief Jim Barnhizer stated that he did not have any updates at this time.

Police Chief Todd Dickenson discussed an issue with the staffing of the school resource officer. If the school resource officer (SRO) is not able to attend school for that day, the County Sheriff's Department is supposed to supply an officer to the school. That did not happen for that day. The Town officer was called to the school to deal with an issue that would have been the SRO's responsibility. Chief Dickenson said he would discuss this further with the school.

MISC. BUSINESS

Ms. Shepler reviewed the current meter deposit policy and charge with the Council. She is in the midst of making amendments to the current Town Code of Ordinances Water Section due to a directive from State Board of Accounts regarding unclaimed meter deposits. While preparing the new language, she started to review the meter deposit policy. Currently, the meter deposit is \$ 100.00 whether a resident lives in Town or out of the Town limits. If a customer leaves without paying their final billing, the out-of-Town resident's bills would be covered, although there are some instances where they are not, however, the in-Town resident's water bill would be paid first and the rest would be applied to the sewer. The Clerk-Treasurer gave the Council members different options on how the other communities address meter deposits. She asked for the Council to review the options and let her know at the next meeting their thoughts.

Ms. Shepler requested that the Council consider a no trespass order for Jason Long and any of his associates at the unmetered water station due to non-payment. At a previous meeting Ms. Shepler informed the that Mr. Long will go months without paying. The balance is sent to the collection agency and then he pays. This has gone on for years and she is frustrated with him and his tactics. Ms. Shepler that the decision to invoke a no trespass order was tabled

Faint, illegible text, possibly bleed-through from the reverse side of the page. The text is too light to transcribe accurately but appears to be several lines of a document.

13
20

Faint, illegible text, possibly bleed-through from the reverse side of the page.

After a short discussion with Ms. Nancy Miller regarding her adjustment request, Mr. Keasling made a motion to approve the \$ 179.59 adjustment. Mr. Kahl supported the motion. Upon a vote viva voce, motion passed.

After a short discussion with Ms. Jamie Bennett regarding her adjustment request, Mr. Keasling made a motion to approve the \$ 77.98 adjustment. Mr. Jenkins supported the motion. Upon a vote viva voce, motion passed.

Mr. Kahl made a motion to approve the bank reconciliation balances for the months of June and July. Mr. Keasling supported the motion. Upon a vote viva voce, motion passed.

Ms. Shepler reviewed the updated 2025 Budget documents that she included in the Council packets. Included in the packets was a list of paving project costs provided by Scott Hester of Milestone. Ms. Shepler and Mr. Reuss discussed the costs and the funds available to be used for the paving. Mr. Hester had given Mr. Reuss an approximate lineal footage price for curbs. The Council asked Mr. Reuss to get a curb price for each of the paving projects Mr. Hester submitted and they would decide what projects can be done and what funds the Town could use.

ADJOURN

There being no further business, on a motion made by Mr. Keasling and supported by Mr. Jenkins the meeting was adjourned.



Keith Bias, President

ATTEST: 

Melissa Shepler, Clerk-Treasurer