

TAYCHEEDAH SANITARY DISTRICT #3  
MONTHLY COMMISSION MEETING  
JANUARY 15, 2020  
6:00 P.M.  
TAYCHEEDAH TOWN HALL

Members present: President Bill Gius and Commissioners John Rickert and Katherine Diederich. Also present: Recording Secretary Brenda Schneider.

Call to order. President Gius called the meeting to order at 6:00 p.m.

Pledge of Allegiance. The Pledge of Allegiance was recited.

Approval of minutes of the 12/16/19 meeting. Motion by John Rickert, second by Kathy Diederich, to approve the minutes of the December 16<sup>th</sup> meeting as distributed. Motion carried (3-0).

Approval of bills. Motion by Bill Gius, second by John Rickert, to approve the bills (order #1-10), for a total of \$4,784.61, and to authorize the following:

- Transfer \$4,900.00 from the Operations/User Charge Account to the regular checking account.

Motion carried (3-0).

Sewer System Maintenance:

1. Consideration and possible action regarding general maintenance and operational issues.

- a. Run time/flow reports. December pump-run time reports for all lift stations were distributed.

The Shady Lane station has had high pump runtimes for quite some time. During a site visit, Rickert found the wet-well was dry.

- b. Lift stations and grinder pump stations. The Cty QQ lift station continues to have issues. The low-level alarm at the Cty QQ lift station was triggered this morning. John Rickert responded. The reporting system has yet to return to normal status. Hal Henderson has visited the station several times in an attempt to troubleshoot the problems.

Sabel Mechanical has recommended a different type of measuring device. The device has elements that could replace the current problem controller and relay parts. The estimated cost is \$3,000 for one pump or \$3,400 for two pumps in the station. It is unknown if the device could be installed in the individual grinder pump stations. Sabel will be asked to research a quantity discount if all six stations are done.

Commission discussed using LED light bulbs in the stations.

- c. 2020 televising. The Commission consensus was to contract for two miles of televising. The Commission reviewed televising history. President Gius will research distances of street segments yet to be televised.
- d. Other maintenance and operational issues. No matters to report at this time.

2. Clearwater Inspections.

Enforcement letters were sent and received.

Unfinished Business:

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1. Bryan Perl lateral capping. Perl has not yet responded to the enforcement letter.
  2. Inspection Procedure Plan. Neither the City of Fond du Lac nor Eric Otte are aware on a sanitary sewer lateral disconnect permit. President Gius will ask the OSG to consider developing said permit procedure.

New Business:

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1. Review 5-year Budget. Document is in process.
  2. Review average annual treatment cost per unit. The matter was postponed to the next meeting.

Schedule the next meeting. The next monthly meeting is scheduled for Wednesday, February 19<sup>th</sup>, at 6:00 pm, at the Town Hall. The Commission plans to conduct their meeting on the third Wednesday of each month.

Public Comment. None presented.

Closed Session:

Pursuant to §19.85(1)(g), Wis. Stats., Conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with respect to litigation in which it is or is likely to become involved. Subject: Potential amendments to the 2000 Wastewater Agreement Between the City of Fond du Lac and the Outlying Sewer Group. Motion by Bill Gius to enter into Closed Session, second by Kathy Diederich. Motion carried unanimously by roll call vote at 6:50 pm. Ms. Diederich departed at 7:02 pm.

Adjournment. Motion by Bill Gius, second by John Rickert, to end the closed session and adjourn the meeting at 7:23 pm. Motion carried (2-0).

Attest: Brenda A. Schneider  
Brenda A. Schneider, District Recording Secretary

**CALUMET SANITARY DISTRICT  
FOND DU LAC SANITARY DISTRICT NO. 2  
JOHNSBURG SANITARY DISTRICT  
TAYCHEEDAH SANITARY DISTRICT NO. 1  
TAYCHEEDAH SANITARY DISTRICT NO. 3  
JOINT QUARTERLY INFORMATIONAL MEETING  
January 23, 2020  
5:30 P.M.  
TAYCHEEDAH TOWN HALL**

**ROLL CALL OF MEMBERS PRESENT:**

**Calumet Sanitary District (CSD):** President Gary Watry and Commissioner Kevin Tasch. Absent: Commissioner Allen Schmitz.  
**Fond du Lac Sanitary District No. 2 (FdL#2):** Absent: President Brian Balson and Commissioners Bob Giese and Tom Beltz.  
**Johnsburg Sanitary District (JSD):** Commissioner Ken Schneider. Absent: President Franz Schmitz and Commissioner Dennis Lefebvre.  
**Taycheedah Sanitary District No. 1 (TSD#1):** President Mike Nett and Commissioner Dan Weber. Absent: Commissioner Jim Huck.  
**Taycheedah Sanitary District No. 3:** President Bill Gius and Commissioners John Rickert and Katherine Diederich.

Also present was Brenda Schneider, Recording Secretary for Taycheedah Sanitary District #3 and Johnsburg Sanitary District.

The meeting was called to order at 5:31 p.m.

Gary Watry announced that Dave Burg resigned from the Calumet Sanitary District Commission. Keven Tasch, the newest Commissioner, was introduced.

**APPROVAL OF MINUTES OF THE LAST MEETING**

The minutes of the October 31<sup>st</sup> meeting were reviewed. Kathy Diederich announced that a few invoices were missing from the informational packets distributed at the last meeting. The missing invoices are included in the O&M bills for 2018 4Q, 2019 1Q, 2Q and 3Q distributed this evening. The missing invoices include the following:

**2019-1<sup>st</sup> qt. O&M bills:**

• Total Energy	Gladstone-preventative maint.	\$375.00
• Total Energy	Brookhaven-monitoring fee	\$440.00
• Total Energy	Winnebago Drive-monitoring fee	\$440.00
• Total Energy	Winnebago Drive-voltage regulator issues	\$1,114.43
• Sabel Mechanical	Brookhaven-replace interior platform & braces	\$2,588.00
• Sabel Mechanical	Brookhaven-clean pump #2	\$422.25
• Energenics	unknown location-emergency call	\$1,034.38

**2019-3<sup>rd</sup> qt. O&M bills:**

• AT&T	Brookhaven service
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Motion by Ken Schneider, second by John Rickert, to approve minutes of the October 31, 2019 meeting. Motion carried by voice vote.

**SHARED SEWER REPAIR ISSUES**

**Calumet Sanitary District**

Announced that the goat farm is now online. The permits were secured from the City and the City is monitoring the flow. LaClare paid for the installation of a radar meter.

The District is working on pump repairs at some lift stations and infiltration issues. They are also in the process of changing the alarm system to wireless.

President Watry suggested the districts hire a full-time maintenance person.

**Johnsburg Sanitary District**

They are concerned about the lack of staff maintenance personnel and the cost of paying independent businesses to perform routine maintenance and to provide after-hours emergency response.



Thirteen manholes were recently re-lined.  
They are working on replacing their meter, as requested by the City.

#### **Taycheedah Sanitary District #1**

They feel the idea of a joint employee has merit. Jim Huck and Mark Haensgen work together troubleshooting but there is no back-up person.

Last week they were at Gladstone lift station. Mission didn't call but it did send an 'overheated' text message. Upon arrival, it was determined that one pump went down and the breaker was tripped. Wastewater was five feet from the surface. Missions did not send a high-level alarm. Sabel Mechanical was called in. One home suffered basement back-up. It was determined recently that the pumps are 43 years old. They are working with Eric Otte to determine the proper pump size. A request for proposal will be circulated. More information will be shared with the group once available.

#### **Taycheedah Sanitary District #3**

They are having problems with the controller at the Cty QQ lift station. Replacement parts are becoming hard to find so they are looking into a new measuring system with a controller for all lift stations and grinder pump stations. Sabel Mechanical quoted \$3,300 for one location. Sabel has been asked for a quantity discount.

### **PREVENTATIVE MAINTENANCE**

Both JSD and TSD#3 planned to have some televising done during 2020.

CSD will discuss televising.

### **OSG EXECUTIVE COMMITTEE REPORT**

The City and the OSG have been negotiating the 2020 Agreement. The City presented a proposal that would make significant changes to I&I efforts. The Executive Committee is evaluating the proposal.

### **OPERATIONS & MAINTENANCE AGREEMENTS**

#### **Proposed amending Agreement**

TSD#1 has the final draft of the updated Agreement. They will review the document at their next meeting and plan to distribute to the districts in two weeks.

#### **Review Quarterly billings**

2019-4<sup>th</sup> qt. O&M bills planned to be included in the cost-share were follows:

•	Work logs for the inspection and maintenance employees were reviewed.	
•	Total Energy Systems Brookhaven-new battery	\$592.28
•	Total Energy Systems Winnebago Dr.-transfer switch controller	\$238.43
•	Total Energy Systems Winnebago Dr.-replaced several parts	\$1,654.51
•	Total Energy Systems Winnebago Dr.-replacement parts	\$2,021.52
•	Total Energy Systems Gladstone-replaced several parts	\$2,502.64
•	JE Arthur Engineering-Gladstone pump replacement	\$220.00

### **PUBLIC COMMENT**

CSD appreciates the benefit of the group's networking and learning how others are handling the same problems.

### **ADJOURNMENT**

Motion by Mike Nett, second by Gary Watry, to adjourn at 6:21 p.m. Motion carried unanimously by voice vote.

### **SCHEDULE THE NEXT MEETINGS:**

Thursday, April 23<sup>rd</sup>, 2020  
Thursday, July 23<sup>rd</sup>, 2020  
Thursday, October 22<sup>nd</sup>, 2020  
Thursday, January 28<sup>th</sup>, 2021

Attest: Brenda A. Schneider  
Brenda A Schneider, Recording Secretary  
Taycheedah Sanitary District #3  
Johnsburg Sanitary District

TAYCHEEDAH SANITARY DISTRICT #3  
MONTHLY COMMISSION MEETING  
FEBRUARY 19, 2020  
6:00 P.M.  
TAYCHEEDAH TOWN HALL

Members present: President Bill Gius and Commissioner John Rickert. Excused: Commissioner Katherine Diederich. Also present: Recording Secretary Brenda Schneider.

Call to order. President Gius called the meeting to order at 6:00 p.m.

Pledge of Allegiance. The Pledge of Allegiance was recited.

Approval of minutes of the 1/15/2020 meeting. Motion by John Rickert, second by Bill Gius, to approve the minutes of the January 15<sup>th</sup> meeting as distributed. Motion carried (2-0).

Approval of bills. Motion by Bill Gius, second by John Rickert, to approve the bills as presented with the exception of a \$100 reduction to the payment to CLA, (order #11-20), for a total of \$20,498.46, and to authorize the following:

- Transfer \$21,000.00 from the Operations/User Charge Account to the regular checking account.

Motion carried (2-0).

Sewer System Maintenance:

1. Consideration and possible action regarding general maintenance and operational issues.
  - a. Run time/flow reports. January pump-run time reports for all lift stations were distributed.
  - b. Lift stations and grinder pump stations. The Cty QQ lift station continues to have issues.  
Sabel Mechanical submitted a quote of \$42,000 for new floats and updated controllers in all six lift stations and all eight grinder pump stations. Motion by Bill Gius, second by John Rickert, to retain Sabel Mechanical for this work at only the County QQ station at this time. Motion carried (2-0).
  - c. 2020 televising. Eric Otte is in the process of soliciting quotes on behalf of the interested districts.
  - d. Other maintenance and operational issues. No matters to report at this time.
2. Clearwater Inspections.  
Enforcement letters were sent and received by the applicable individuals. There has been no response from the recipients.

Unfinished Business:

1. Bryan Perl lateral capping. Perl has not responded to the enforcement letter.
2. Inspection Procedure Plan. Neither the City of Fond du Lac, Eric Otte nor the OSG are aware on a sanitary sewer lateral disconnect permit. The District will need to develop an application.
3. Review 5-year Budget. Document is in process.
4. Review average annual treatment cost per unit. Review was postponed to the next meeting.

New Business:

1. Consideration and possible acceptance of a quote to replace wear rings and impellers at the Cty WH lift station. Sabel Mechanical quoted \$3,670.75 to replace impellers, housing and wear-rings in the Cty WH lift station. Motion by Bill Gius, second by John Rickert, to accept the quote from Sabel Mechanical. Motion carried (2-0).
2. Acknowledge the receipt of the revised amended Agreement for the Allocation of Costs and Transportation of Wastewater Between Taycheedah Sanitary District No 1 and Taycheedah Sanitary District No 3. The document has been forwarded to legal counsel. No further action will occur until the legal review is completed and received.

Schedule the next meeting. The next monthly meeting is scheduled for Wednesday, March 18<sup>th</sup>, at 6:00 pm, at the Town Hall.

Public Comment. None presented.

Adjournment. Motion by Bill Gius, second by John Rickert, to adjourn the meeting at 6:28 pm. Motion carried (2-0).

Attest: Brenda A. Schneider  
Brenda A. Schneider, District Recording Secretary



TAYCHEEDAH SANITARY DISTRICT #3  
MONTHLY COMMISSION MEETING  
MARCH 18, 2020  
6:00 P.M.  
TAYCHEEDAH TOWN HALL

Members present: President Bill Gius and Commissioners John Rickert and Katherine Diederich (telephonically).  
Also present: Recording Secretary Brenda Schneider.

Call to order. President Gius called the meeting to order at 6:00 p.m.

Pledge of Allegiance. The Commission dispensed with the Pledge of Allegiance.

Approval of minutes of the 2/19/2020 meeting. Motion by Bill Gius, second by John Rickert, to approve the minutes of the February 19<sup>th</sup> meeting as distributed. Motion carried (3-0).

Approval of bills. Motion by Bill Gius, second by John Rickert, to approve the bills as presented and to pay the District's portion of the City's de-ammonification project, (order #21-25), for a total of \$124,376.81, and to authorize the following:

- Transfer \$124,400.00 from the Operations/User Charge Account to the regular checking account.

Motion carried (3-0).

Sewer System Maintenance:

1. Consideration and possible action regarding general maintenance and operational issues.
  - a. Run time/flow reports. February pump-run time reports for all lift stations were distributed.
  - b. Lift stations and grinder pump stations. The Cty QQ lift station continues to have issues.  
Sabel Mechanical submitted a quote of \$3,670.75 for replacement of two impellers and wear rings at the County QQ station. Sabel has also ordered the measuring system and controller for this station.
  - c. 2020 televising. Eric Otte distributed the bids. Green Bay Pipe came in the lowest at \$9,464.40. Motion by Bill Gius, second by John Rickert, to accept the Green Bay Pipe's bid. Motion carried (3-0).
  - d. Other maintenance and operational issues. Green Bay Pipe & TV submitted a quote of \$11,250 to fix three manholes. Motion by Bill Gius, second by John Rickert, to accept the proposal. Motion carried (3-0). The Commission may add repairs to some recently discovered damage to manholes located in the Gyr easement. A site visit will be done in the near future.
2. Clearwater Inspections.  
Enforcement letters were sent and received by the applicable individuals.

Unfinished Business:

1. Bryan Perl lateral capping. Perl has not responded to the enforcement letter.
2. Review 5-year Budget. Document is in process.
3. Review average annual treatment cost per unit. Review was postponed to a future meeting.

New Business:

1. Discuss debt obligations for De-ammonification Clean Water Fund Loan payment. Commission took action to pay the loan in full. See Approval of Bills.

Schedule the next meeting. The next monthly meeting is scheduled for Wednesday, April 15<sup>th</sup>, at 6:00 pm, at the Town Hall.

Public Comment. None presented.

Adjournment. Motion by Bill Gius, second by John Rickert, to adjourn the meeting at 6:10 pm. Motion carried (3-0).

Attest: Brenda A. Schneider  
Brenda A. Schneider, District Recording Secretary

TAYCHEEDAH SANITARY DISTRICT #3  
MONTHLY COMMISSION MEETING  
APRIL 16, 2020  
6:00 P.M.  
TAYCHEEDAH TOWN HALL

Members present: President Bill Gius and Commissioners John Rickert (virtually) and Katherine Diederich (virtually). Also present: Recording Secretary Brenda Schneider.

Call to order. President Gius called the meeting to order at 6:00 p.m.

Pledge of Allegiance. The Commission dispensed with the Pledge of Allegiance.

Approval of minutes of the 3/18/2020 meeting. Motion by Bill Gius, second by John Rickert, to approve the minutes of the March 18<sup>th</sup> meeting with a correction to the WH station in need of replacement impeller wear-rings not the QQ station and to recognize that the quote from Green Bay Pipe & TV includes repair to the main. Motion carried (3-0).

Approval of bills. Motion by Katherine Diederich, second by John Rickert, to approve the bills as presented (order #26-36), for a total of \$15,309.46. Motion carried (3-0)

Motion by Bill Gius, second by John Rickert, to authorize the following:

- Transfer \$7,000.00 from the Operations/User Charge Account to the regular checking account,
- Transfer \$11,377.97 from the Debt Service Account to the Operations/User Charge Account, and
- Transfer \$134.56 from Operations/Inspections Account to the Operations/User Charge Account.

Motion carried (3-0).

Sewer System Maintenance:

1. Consideration and possible action regarding general maintenance and operational issues.
  - a. Run time/flow reports. March pump-run time reports for all lift stations were distributed.
  - b. Lift stations and grinder pump stations. The new measuring and controller system is in the process of being installed at the Cty QQ lift station. The project is expected to be completed by Monday. The old floats will remain as a back-up system. Updated record drawings will be provided.
  - c. 2020 televising. Nothing to report at this time.
  - d. Other maintenance and operational issues. Nothing to report at this time.
2. Clearwater Inspections.

Inspections are on-hold for now.

Unfinished Business: None.

New Business: None.

Schedule the next meeting. The next monthly meeting is scheduled for Wednesday, May 20<sup>th</sup>, at 6:00 pm, at the Town Hall.

Public Comment. None presented.

Adjournment. Motion by Bill Gius, second by John Rickert, to adjourn at 6:07 p.m. Motion carried (3-0).

Attest: Brenda A. Schneider  
Brenda A Schneider, Recording Secretary



TAYCHEEDAH SANITARY DISTRICT #3  
SPECIAL BUSINSS MEETING  
May 7, 2020  
6:30 P.M.  
TAYCHEEDAH TOWN HALL

Members present: President Bill Gius and Commissioners John Rickert and Katherine Diederich. Also present: James Roberts and Recording Secretary Brenda Schneider.

Call to order. President Gius called the meeting to order at 6:30 p.m.

Consideration and possible acceptance of the Hawk's Landing sewer extension. Having met the requirements of the Developer's Agreement, motion by Bill Gius, second by John Rickert, to accept the Hawk's Landing sewer extension from J&V Roberts Investments, Inc. Motion carried (3-0).

Adjournment of the special meeting. Motion by Bill Gius, second by Katherine Diederich, to adjourn the meeting at 6:35 p.m. Motion carried (3-0).

Attest:

Brenda A. Schneider  
Brenda A Schneider, Recording Secretary

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TAYCHEEDAH SANITARY DISTRICT #3  
MONTHLY COMMISSION MEETING  
MAY 20, 2020  
6:00 P.M.  
TAYCHEEDAH TOWN HALL

Members present: President Bill Gius and Commissioners John Rickert and Katherine Diederich. Also present: Recording Secretary Brenda Schneider.

Call to order. President Gius called the meeting to order at 6:00 p.m.

Pledge of Allegiance. The Pledge of Allegiance was recited.

Approval of minutes of the 4/16/2020 monthly meeting and the 5/7/2020 special meeting. Motion by John Rickert, second by Katherine Diederich, to approve the minutes of the April 16<sup>th</sup> monthly meeting and the May 7<sup>th</sup> special meeting as distributed. Motion carried (3-0).

Approval of bills. Motion by Bill Gius, second by John Rickert, to approve the bills as presented (order #37-47), for a total of \$19,438.90, and to authorize the following:

- Transfer \$19,400.00 from the Operations/User Charge Account to the regular checking account.

Motion carried (3-0).

Motion by Bill Gius, second by John Rickert, to approve reimbursement of \$111.71 to John Rickert for supplies purchased at Menards, for an adjusted total expenses to \$19,550.61. Motion carried (3-0).

Sewer System Maintenance:

1. Consideration and possible action regarding general maintenance and operational issues.
  - a. Run time/flow reports. April pump-run time reports for all lift stations were distributed.
  - b. Lift stations and grinder pump stations. The new measuring and controller system was installed at the Cty QQ lift station.  
The original controller at the Cty QQ lift station is not functioning causing a lapse in communication with the Missions system. Replacement parts are on order.
  - c. Repairs to manholes-easement area. Green Bay Pipe & TV plan to repair the damaged manholes within the easement (Aspen Court to Silica Road) at the conclusion of the televising project. The manholes have been marked.
  - d. 2020 televising. Verbal confirmation was received that the televising has been completed. Commission is awaiting the report.
  - e. Other maintenance and operational issues. John Rickert inspected the capping of the sewer at the former warehouse site, owned by Bryan Perl, on May 18<sup>th</sup>.
2. Clearwater Inspections.  
Inspections are postponed to August.

Unfinished Business: None.

New Business:

1. Digger's Hotline-Annual Meeting, A virtual meeting was held earlier in the day.

Schedule the next meeting. The next monthly meeting is scheduled for Thursday, June 11<sup>th</sup>, at 6:00 pm, at the Town Hall.

Public Comment. The Commission discussed the following topics: tax exempt status, riser ring inventory, verification of proper capping at the former house location on Cty QQ, financial investing and the status of the proposed Taycheedah Sanitary District #1 Agreement.

Adjournment. Motion by Bill Gius, second by John Rickert, to adjourn at 6:35 p.m. Motion carried (3-0).

Attest: Brenda A. Schneider  
Brenda A Schneider, Recording Secretary

TAYCHEEDAH SANITARY DISTRICT #3  
MONTHLY COMMISSION MEETING  
JUNE 11, 2020  
6:00 P.M.  
TAYCHEEDAH TOWN HALL

Members present: President Bill Gius and Commissioners John Rickert and Katherine Diederich. Also present: Recording Secretary Brenda Schneider.

Call to order. President Gius called the meeting to order at 6:00 p.m.

Pledge of Allegiance. The Pledge of Allegiance was recited.

Approval of minutes of the 5/20/2020 monthly meeting. Motion by John Rickert, second by Katherine Diederich, to approve the minutes of the May 20<sup>th</sup> monthly meeting. Motion carried (3-0).

Approval of bills. Motion by Katherine Diederich, second by John Rickert, to approve the bills as presented (order #49-59), for a total of \$11,751.24. Motion carried (3-0).

Sewer System Maintenance:

1. Consideration and possible action regarding general maintenance and operational issues.

- a. Run time/flow reports. May pump-run time reports for all lift stations were distributed.
- b. Lift stations and grinder pump stations. The Cty QQ lift station remains problematic. Sabel Mechanical raised the float level to retain more volume in the wet well. The hour meter for pump #2 wasn't working and the meter for pump #1 was functioning properly. Hal Henderson, Mission Communications, has ordered replacement parts.

On June 2<sup>nd</sup>, the power went down in the Evergreen Court area due to the severe storm. Alliant made repairs to the service in the area. Bill Gius visited the lift station several times to respond to problems caused by the power outage.

- c. 2020 televising. The work is complete. The Commission is awaiting the report.
- d. Other maintenance and operational issues. Nothing to report at this time.

Unfinished Business:

President Gius reported that Attorney Matt Parmentier reviewed the most-recent version of the operations and maintenance agreement received from Taycheedah Sanitary District #1. Parmentier finds the document primarily unchanged. He plans to offer a mediation meeting.

President Gius also reported that negotiations between the OSG and the City have gone well with the exception the infiltration issue.

New Business:

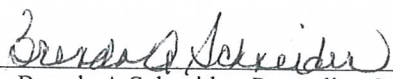
1. Consideration and possible action to relinquish the Letter of Credit for the Hawk's Landing sewer extension submitted by J & V Roberts Investments, Inc. President Gius delivered the release letter to the bank today.

Schedule the next meeting. The next monthly meeting is scheduled for Wednesday, July 15<sup>th</sup>, at 6:00 pm, at the Town Hall.

Questions and comments from the public pertaining to District business. None presented.

Adjournment. Motion by Katherine Diederich, second by John Rickert, to adjourn at 6:35 p.m. Motion carried (3-0).

Attest:

  
Brenda A Schneider, Recording Secretary



THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
LABORATORY OF PHYSICAL CHEMISTRY  
CHICAGO, ILLINOIS 60637

TO: THE DIRECTOR, NATIONAL BUREAU OF STANDARDS  
WASHINGTON, D.C. 20535

FROM: DR. J. H. DILLIARD

SUBJECT: MEASUREMENT OF THE THERMAL STABILITY OF

THE POLYMERIZATION OF VINYL MONOMERS

1. The purpose of this study was to determine the thermal stability of the polymerization of vinyl monomers.

2. The results of the study are as follows:

3. The polymerization of vinyl monomers is a first-order reaction.

4. The rate of polymerization is proportional to the concentration of the monomer.

5. The activation energy of the polymerization is 10.5 kcal/mole.

6. The half-life of the polymerization is 1.5 hours at 50°C.

7. The results of this study are in good agreement with those of other workers.

8. The study was supported by the National Science Foundation.

9. The study was completed on May 1, 1968.

10. The study was conducted by Dr. J. H. Dilliard.

11. The study was conducted in the Laboratory of Physical Chemistry.

12. The study was conducted in the Department of Chemistry.

13. The study was conducted in the University of Chicago.

14. The study was conducted in the Laboratory of Physical Chemistry.

15. The study was conducted in the Department of Chemistry.

16. The study was conducted in the University of Chicago.

TAYCHEEDAH SANITARY DISTRICT #3  
MONTHLY COMMISSION MEETING  
JULY 15, 2020  
6:00 P.M.  
TAYCHEEDAH TOWN HALL

Members present: President Bill Gius and Commissioners John Rickert and Katherine Diederich. Also present: Recording Secretary Brenda Schneider.

Call to order. President Gius called the meeting to order at 6:00 p.m.

Pledge of Allegiance. The Pledge of Allegiance was recited.

Approval of minutes of the 6/11/2020 monthly meeting. Motion by John Rickert, second by Katherine Diederich, to approve the minutes of the June 11<sup>th</sup> monthly meeting. Motion carried (3-0).

Approval of bills. Motion by Bill Gius, second by John Rickert, to approve the bills as presented (order #60-73), for a total of \$17,627.44, and to authorize the following:

- Transfer \$18,000 from the Operations/User Charge Account to the regular checking account, and
- Transfer \$269.13 from the Operations/Inspections Account to the regular checking account.

Motion carried (3-0).

Sewer System Maintenance:

1. Consideration and possible action regarding general maintenance and operational issues.

- a. Run time/flow reports. June pump-run time reports for all lift stations were distributed. John Rickert commented on the high runtime at the Shady Lane lift station noting that the system serves a small area. The Commission may have the area televised. Home inspections are currently suspended due to COVID.
- b. Lift stations and grinder pump stations. The Cty QQ lift station remains problematic. A problem with the check valve was discovered. Hal Henderson, Missions Communication, replaced a variety of parts and also found a loose ground wire that pertains to the Missions system. Hal believes the mirrored run times is coincidental.
- c. 2020 televising. The report has been received. No issues were found.
- d. Other maintenance and operational issues. The manhole damage in the Aspen Court to Silica Road easement has been repaired.

Unfinished Business:

Nothing to address.

New Business:

1. Consideration of a request from Jim Roberts to connect two laterals into manhole #31 for service to Lot 122 and Lot 72 on Autumnwood Trail in Hawk's Landing. Mr. Roberts withdrew his request. He plans to install a manhole and 100' main.

Schedule the next meeting. The next monthly meeting is scheduled for Wednesday, August 19<sup>th</sup>, at 6:00 pm, at the Town Hall. Katherine Diederich will present the 5-year financial projection.

Questions and comments from the public pertaining to District business. None presented.

Adjournment. Motion by Katherine Diederich, second by Bill Gius, to adjourn at 6:25 p.m. Motion carried (3-0).

Attest: Brenda A. Schneider  
Brenda A Schneider, Recording Secretary

