



# City of Appleton

100 North Appleton Street  
Appleton, WI 54911-4799  
www.appleton.org

## Meeting Agenda - Final Utilities Committee

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Tuesday, April 12, 2022

5:00 PM

Council Chambers, 6th Floor

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1. Call meeting to order

2. Roll call of membership

3. Approval of minutes from previous meeting

[22-0448](#) Approval of the March 22, 2022 Utilities Committee Meeting Minutes.

**Attachments:** [March 22, 2022 Utilities Committee Meeting Minutes.pdf](#)

4. **Public Hearings/Apearances**

5. **Action Items**

[22-0449](#) Approval to single source and award 2022E Stormwater Consulting Services Contract for assistance with the Interstate 41 Reconstruction Project to Brown and Caldwell in an amount not to exceed \$30,000.

**Attachments:** [2022E Single Source 41 Reconstruction BC award.pdf](#)

6. **Information Items**

[22-0450](#) 2022 Water Treatment Facility Power Generation Test

**Attachments:** [220328\\_Utilities Memo - 2022 WPPI Test and Payment.pdf](#)

7. **Adjournment**

*Notice is hereby given that a quorum of the Common Council may be present during this meeting, although no Council action will be taken.*

*Reasonable Accommodations for Persons with Disabilities will be made upon Request and if Feasible.*

*For questions on the agenda, contact Chris Shaw at 920-832-5945 or Paula Vandehey at 920-832-6474.*



# City of Appleton

100 North Appleton Street  
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## Meeting Minutes - Final-revised Utilities Committee

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Tuesday, March 22, 2022

5:00 PM

Council Chambers, 6th Floor

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1. Call meeting to order

*Chairperson Meltzer called the Utilities Committee Meeting to order at 5:00 p.m.*

2. Roll call of membership

**Present:** 5 - Meltzer, Smith, Doran, Martin and Thao

3. Approval of minutes from previous meeting

[22-0364](#)

Approval of the March 16, 2022 Utilities Committee Meeting Minutes.

**Attachments:** [March 16, 2022 Utilities Committee Meeting Minutes.pdf](#)

**Smith moved, seconded by Martin, that the Minutes be approved. Roll Call.  
Motion carried by the following vote:**

**Aye:** 5 - Meltzer, Smith, Doran, Martin and Thao

4. **Public Hearings/Appearances**

5. **Action Items**

[22-0373](#)

Award Unit F-22, Sanitary and Storm Sewer Cleaning and Televising, to Green Bay Pipe & TV, LLC in an amount not to exceed \$244,500.

**Attachments:** [Unit F-22.pdf](#)

**Martin moved, seconded by Smith, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:**

**Aye:** 5 - Meltzer, Smith, Doran, Martin and Thao

6. **Information Items**

[22-0374](#)

PFAS and Water Treatment Facility Source Water

**Attachments:**    [PFOS PFOA Sampling Results Map.pdf](#)  
                              [CCR PFAS Results.pdf](#)

*This item was discussed.*

[22-0396](#)

Update on Private Lead Service Line Replacement Grant

*This item was discussed.*

[22-0365](#)

Year-End Summary of Watermain Breaks

**Attachments:**    [Year End Summary of Watermain Breaks.pdf](#)  
                              [5 year Water Main Break Map \(002\).pdf](#)

*This item was discussed.*

[22-0366](#)

Monthly Reports for January - February 2022:

- Water Distribution and Meter Team Monthly Report - January
- Water Distribution and Meter Team Monthly Report - February

**Attachments:**    [Water Main Breaks - January 2022.pdf](#)  
                              [Water Main Breaks - February 2022.pdf](#)

*The reports were presented.*

## 7. Adjournment

**Martin moved, seconded by Smith, that the Utilities Committee Meeting be adjourned at 5:40 p.m.. Roll Call. Motion carried by the following vote:**

**Aye:** 5 - Meltzer, Smith, Doran, Martin and Thao

## Department of Public Works – Engineering Division

### MEMO

**TO:** Utilities Committee

**FROM:** Paula Vandehey, Director of Public Works  
Sue Olson, Staff Engineer  
Pete Neuberger, Staff Engineer

**DATE:** April 4, 2022

**RE:** Approval to single source and award 2022E stormwater consulting services contract for assistance with the Interstate 41 Reconstruction project to Brown and Caldwell in an amount not to exceed \$30,000.

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The Department of Public Works is requesting approval to single source and award 2022E stormwater consulting services contract for assistance with the Interstate 41 Reconstruction project to Brown and Caldwell (BC) in an amount not to exceed \$30,000.

DPW staff have been contacted by WisDOT's stormwater consultant who are beginning the stormwater management planning and design for the Interstate 41 reconstruction project. BC is currently completing the update to the Citywide stormwater management plan and has the most current mapping and modeling available.

Work under this contract will include:

- Assist the City with providing the requested mapping, modeling and other data for both City and privately owned stormwater management practices impacted by WisDOT's project
- Communicate directly with WisDOT's consultant on the City's behalf
- Attend meetings with WisDOT's consultant as needed
- Review proposed concepts and plans from WisDOT
- Clarify impact of WisDOT plans on City TMDL requirements
- Provide recommendations to the City on WisDOT proposed stormwater management plans

The stormwater management plan for the Interstate 41 project may take several years to develop and additional contracts may be needed. Based on the work BC has already completed for the Citywide Stormwater Management Plan and their performance on past projects with the City, staff is recommending award of this project to BC.



*"...meeting community needs...enhancing quality of life."*

Department of Utilities  
Water Treatment Facility  
2281 Manitowoc Road  
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920 – 997 – 4200 tel  
920 – 997 – 3240 fax

**TO:** Chairperson Meltzer and Members of the Utilities Committee  
**FROM:** Chris Stempa, Utilities Deputy Director  
**DATE:** March 28, 2022  
**RE:** *2022 Water Treatment Facility Power Generation Test*

The Appleton Water Treatment Facility (AWTF) has completed an annual electrical test for WPPI Energy. The test occurred on March 9, 2022 after the water plant was dispatched by WPPI Energy to provide power under the existing contract for capacity agreement. The generators successfully yielded 3.599 megawatts of power during the test.

Power production data from the test will be used in calculating capacity credits and deriving the monthly payments from WPPI Energy over the next twelve months. The payments for capacity are based on two types of credits. The first credit is based on the previous month's peak demand and the annual test capacity results in kilowatts. The second credit is for generated power produced in excess of the previous month demand.

Below is an example of how to apply the most recent generator tested capacity of 3,599 kW to the most recent twelve-month average AWTF peak usage number of 1,055 kW. The current WPPI contract formula pays a capacity demand credit of \$4.00 per kW and \$1.50 per kW credit for available emergency stand-by generator power (if called upon) in excess of the peak demand.

**WPPI Fee Variables**

|                                      |          |
|--------------------------------------|----------|
| Annual Tested Generator Capacity     | 3,599 kW |
| 12-month Average Peak Demand         | 1,056 kW |
| Power Produced in Excess of Demand = | 2,543 kW |

**WPPI Fee Constants under Existing Capacity Agreement**

|                                   |           |
|-----------------------------------|-----------|
| Capacity Credit Demand            | \$4.00/kW |
| Capacity Credit for Excess Demand | \$1.50/kW |

Capacity Credit for Demand = 1,056 kW x \$4.00/kW = \$4,224  
Capacity Credit for Excess Demand = 2,543 kW x \$1.50/kW = \$3,815  
Total Monthly Capacity Credit = \$8,039

In the case of the above example a \$8,039 total credit would be paid each month to the city for having the electrical generation potential available. The total annual returns to the AWTF in 2021 as part of the program contract with WPPI Energy yielded \$96,462.

If you have any questions regarding the capacity test please contact me.