



WHITE BEAR TOWNSHIP

1858
RAMSEY COUNTY
MINNESOTA

1281 HAMMOND ROAD
WHITE BEAR TOWNSHIP, MN 55110

651-747-2750

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Board of Supervisors
ED M. PRUDHON, Chair
STEVEN A. RUZEK
SCOTT E. MCCUNE

AGENDA UTILITY COMMISSION MEETING DECEMBER 12, 2019

1. **7:00 p.m.** Call Meeting to Order at Township Office Conference Room, 1281 Hammond Road.
2. Approval of December 12, 2019 Agenda (Additions/Deletions).
3. Approval of October 10, 2019 Minutes.
4. Consent Agenda:
 - a. Quarterly Utility Billing Payment Analysis.
 - b. Receive Republic Services Monthly Service Report.
 - c. Watermain Leak Report.
 - d. Receive Solid Waste Abatement Report.
5. Republic Services Representative – Bev Mathiasen.
6. Bellaire Beach Underground Storm System.
7. Commissioner's Report.
8. Public Works Director Report.
9. Next Meeting Date / Agenda Items.
10. Added Agenda Items.
11. Adjournment.

White Bear Township's

Mission:

To provide White Bear Township residents, businesses and visitors with reliable, high quality municipal services while serving as open and responsible stewards of the public trust.



recycled paper



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 1 – 2- 3

Subject: Call to Order – 7:00 p.m.
WBT Administrative Conference Room

Approval of December 12, 2019 Agenda &
October 10, 2019 Minutes

Documentation: December 12, 2019 Agenda &
October 10, 2019 Minutes

Action / Motion for Consideration:

Call meeting to order:	7:00 p.m.
Approval of Agenda:	December 12, 2019 (Additions / Deletions)
Approval of Minutes:	October 10, 2019

**MINUTES
UTILITY COMMISSION MEETING
OCTOBER 10, 2019**

The meeting was called to order at 7:02 p.m.

Present: Bernstein, DeLoach, Fredericks, Groschen, Hesse, Pehrson; Advisor: Christopherson; Commissioner: McCune; Town Finance Analyst: Olinger; Public Works Director: Reed

Absent: Hesse, Town Finance officer: Kelly, both with notice.

APPROVAL OF AGENDA (Additions/Deletions): DeLoach moved to approve the agenda as submitted. Bernstein seconded. Ayes all.

APPROVAL OF MINUTES OF SEPTEMBER 12, 2019: DeLoach moved the approval of the September 12, 2019 minutes. Bernstein seconded. Ayes all. There was minor discussion over the contractors stating their confidence in finishing the water meter installation by October 21st.

CONSENT AGENDA: DeLoach moved to approve of the Consent Agenda as follows: 4A) Monthly Sewer & Water Report; 4B) Receive Republic Services Monthly Service Report; 4C) Solid Waste Abatement Reports. Bernstein seconded. Ayes all. There was discussion of the sewer and water reports in regards to the new water meter implementation.

REPUBLIC SERVICES REPRESENTATIVE – BEV MATHIASEN: Mathiasen reported to the Commission about the notice of the tipping increase from Ramsey/Washington. She also brought to the Commission's attention that the contract with Republic is up January 1st 2021, and discussion of extending the contract has to happen a year before the contract is up. The contract can be extended another 2 years, making the expiration date January 1st 2023.

There was discussion of cleanup day. DeLoach, Fredericks, Christopherson, Mathiasen and an operations staff of Republic will meet this month to discuss ways to ensure the Township Residents are the only benefactors of Town Cleanup Day. There will be discussion of simple solution options as well as bigger picture scope.

The example of Brooklyn Park was given. Each resident could place items on the curb for their cleanup day, but many residents took items from friends and family who do not live in the community and placed them on their curb. It's not uncommon, though it is costly to the community affected. One resident had half of his or her entire front yard filled with items for disposal.

There will be more discussion at the November Utility Commission meeting.

The spreadsheet on page 15 was discussed. There are some minor increases coming in 2020. There was an error in the sheet and Mathiasen will email a corrected copy. There was discussion of an amendment or Memorandum of Understanding (MOU) to place in the contract to clarify options. Mathiasen noted that the Township has more options for recycling and waste removal than most communities in Minnesota.

**MINUTES
UTILITY COMMISSION MEETING
OCTOBER 10, 2019**

There was discussion of the water/sewer/trash index increase, a 4-4.5% increase. There was discussion on comparison to rates in the industry versus what Republic is doing. It was noted that increases are rarely 3% even. It was the consensus that staff and the Commission will review the contract aware of the disposal and rate increase coming up and will come back with an update on the recycling industry.

Bernstein motioned to pass through the tonnage fee. Fredericks seconded. Ayes all.

HIGHWAY 96 DISCHARGE FEES – DISCUSSION: The Town Clerk summarized the discussion from September 12th's Utility Commission meeting as well as the correspondence between Sarah Illi from GHD and the Town's Attorney. The Attorney's position is attached in the packet. Whirlpool will pay the years 2017 and 2018 at cost, net zero, with year 2019's cost plus 3% of the Met Council's Environmental Services (MCES) rate going forward. It was noted that the system is in place going forward so staff won't run into this problem again. There was discussion whether to concede 2017 and 2018's rates. Pehrson noted that other utilities cannot go back more than a year.

Fredericks motioned to accept the Attorney's conclusion, noting that the administrative fee listed in Lemmons' email should be 3% not 8%. Pehrson seconded. Ayes all.

WATER METER INSTALLATION – DISCUSSION: The Town Clerk reported that the company the Town purchased water meters from (Core & Main) have the subcontractors (M & E) installing the meters. The work has been paid for as a part of purchasing the meters through Core & Main. The subcontractors, however, are not showing their work ethic with only 60% completed project and only a couple weeks left. The project was supposed to be finished by October 21st, but the Town extended it to October 31st. If Core & Main cannot complete the job by then, there will be a material breach of the existing contract. There is not much the Town can do. There was some discussion on what staff should do if things don't get done. For example, say 500 meters don't get installed, Public Works staff will spend time installing them, and that would take several months.

2560 1ST STREET UTILITY CONNECTION FEE – FOLLOW-UP DISCUSSION: The Town Clerk explained that staff's opinion of this agenda item reflects the opinion of the Town Attorney, who wrote to the residents of 2560 1st Street, attached in the packet. There has been no contact since the letter was sent. Fredericks reached out to 7 municipalities and all 7 vary in cost. He noted that he had been a sewer/water contractor in the past and it is the responsibility of the contractor to know of all fees ahead of time. With this in mind, there is nothing the Town can do now.

COMMISSIONER'S REPORT: Commissioner McCune was present to report on **Centerville Road developments**. SMC and Scannell Properties have submitted proposals to the Board to build on land on Centerville, north of H2 and south of County Road J. The intersection of County Road J and Centerville has been a trouble spot for traffic, as has the entrance and exit ramp of I-35E. McCune reported that there is discussion among North Oaks Company and MnDot of placing 3 roundabouts in those three locations.

MINUTES
UTILITY COMMISSION MEETING
OCTOBER 10, 2019

Pavement management 2020 is being discussed among the residents of the construction areas, southeast areas. There are more reclamation projects and so it will be more expensive than 2019's. He reported that there were 2 to 3 dozen people present at the neighborhood meeting in September.

Since the Minnesota Department of Health (MDH) came out with their safety based guideline for manganese, the Town is taking a deeper look at a more **holistic approach for water quality**. The MDH can come out with all kinds of health based guidelines, and they could turn them into law at anytime. There will be more discussion as the Board is closer to reaching a decision in the coming years.

At the September 16, 2019 Town Board meeting, the Board released its **official statement regarding Water Gremlin**. It was noted by the Town Clerk that staff has had a "considerable" drop in the amount of calls and emails daily regarding Water Gremlin.

PUBLIC WORKS DIRECTOR REPORT: The Public Works Director was present to report on the Public Works Department Activity for September 2019. The **water tower** on Hammond Road is finished. Testing will be done later in the week. Lift station #9's bypass pumping started last week. The continuation for the work will depend on weather. There was discussion of a pipe that burst causing havoc for storm water, but everything went smoothly and it was fixed in one day. There was some discussion on blending water. There was more discussion on what the Town is responsible for and what the home owner is responsible for when it comes to curb shut off valves and the water meter replacement.

ADDED AGENDA ITEMS: The next meeting date is scheduled to be November 14, 2019. DeLoach moved to adjourn the meeting at 8:52 p.m. Fredericks seconded. Ayes all.

Respectfully Submitted,

Megan R. Cavanaugh
Recording Secretary



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 4A - Consent

Subject: Quarterly Utility Billing Payment Analysis

Documentation: Analysis

Action / Motion for Consideration:

Receive Information

WHITE BEAR TOWNSHIP
Utility Billing Payment Analysis
 Prepared October 2019

As of 2019 3rd quarter billing versus 2018 end of year:
 8% increase in ACH processed invoices
 ACH 17% of total payments
 50% increase in autopay online credit card processed invoices
 Autopay online CC payments 4% of total payments
 34% increase in e-bills to residents

2019 Statistics:

	ACH		CC		BILLS MAILED		BILLS EMAILED		TOTAL	%
	DRAFT	\$	%	DRAFT	\$	%	MAILED	EMAILED	BILLS	E-Bill
2019 3rd Qtr	871	\$ 205,380	17%	194	\$ 36,551	4%	4798	261	5059	5.4%
2019 2nd Qtr	871	\$ 175,653	17%	183	\$ 32,259	4%	4817	236	5053	4.9%
2019 1st Qtr	875	\$ 148,850	17%	156	\$ 24,592	3%	4814	230	5044	4.8%

2018 4th Quarter Billing:
 1) Redesignated utility billing envelope -listing ways to pay
 2) Billing insert that indicates ways to pay, including sign up for ACH

2018 4th Qtr	810	\$ 150,569	16%	129	\$ 21,072	3%	4833	195	5028	4.0%
2018 3rd Qtr	789	\$ 181,796	16%	107	\$ 20,489	2%	4880	148	5028	3.0%
2018 2nd Qtr	788	\$ 128,992		85	\$ 16,175					
2018 1st Qtr	783	\$ 121,480		56	\$ 7,278					

January 2018 - E-bills implemented as billing option. Added IVR ability to pay with cc via phone.



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 4B - Consent

Subject: Republic Services Monthly Service Reports

Documentation: Reports

Action / Motion for Consideration:

Receive Information

Service Report By Month for White Bear Township



2019

Calls from residents, reported as 'missed pick-ups'

	Trash	YardWaste	Recycle	Totals
JANUARY	13	0	15	28
FEBUARY	11	0	5	16
MARCH	0	0	8	8
APRIL	1	0	6	7
MAY	0	0	1	1
JUNE	9	1	3	13
JULY	13	21	10	44
AUGUST	2	2	2	6
SEPTEMBER	14	0	12	26
OCTOBER	3	2	3	8
NOVEMBER				0
DECEMBER				0

Possible collection sites per system, per week	3,851
Possible collection sites per system, per month, with 4.33 weeks per month	16,675
Possible collection sites for all routes per month April 1 - Nov 30	50,024
Possible collection sites for all routes per month Dec 1 - March 31	33,350

Service Report By Month for White Bear Township



2018

Calls from residents, reported as 'missed pick-ups'

	Trash	YardWaste	Recycle	Totals
JANUARY	10	0	4	14
FEBUARY	8	0	9	17
MARCH	0	0	8	8
APRIL	6	0	11	17
MAY	17	1	6	24
JUNE	4	1	3	8
JULY	19	3	9	31
AUGUST	30	9	2	41
SEPTEMBER	25	3	18	46
OCTOBER	0	28	16	44
NOVEMBER	4	4	5	13
DECEMBER	5	0	18	23

Possible collection sites per system, per week

3,851

Possible collection sites per system, per month, with 4.33 weeks per month

16,675

Possible collection sites for all routes per month April 1 - Nov 30

50,024

Possible collection sites for all routes per month Dec 1 - March 31

33,350



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 4C - Consent

Subject: Watermain Leak Report

Documentation: Report

Action / Motion for Consideration:

Receive Information



WATERMAIN LEAK REPORT

NO.: 10

LOCATION: 4161 White Bear Parkway

TIME REPORTED: 8:30 PM

DATE: 11.06.19

REPORTED BY: Resident

ADDRESS: 4160 White Bear Parkway

REPORT RECEIVED BY: Peter Tholen

DESCRIPTION OF RUPTURE OR BREAK: Plug blew off the end of the 6" tee

PROBABLE CAUSE OF RUPTURE OR BREAK: Plug came off the end of the 6" tee which the service for the irrigation was hooked into

SIZE AND MATERIAL OF PIPE: 6" DIP

QUANTITY OF WATER ESCAPING: 361,000 Gal.

G.P.M.: 6,017

TIME CREW REACHED SITE OF LEAK: 8:30 AM

DATE: 11.07.19

TIME FLOW OF WATER WAS STOPPED: 9:30 PM

DATE: 11.06.19

TIME WATER ON AFTER REPAIRS: 2:15 PM

DATE: 11.07.19

ACTION TAKEN TO REPAIR LEAK: St Paul Water cut the 6" DIP back 2 ft. and installed a new plug and secured the back of the plug with a 6 ft. piece of 6" DIP

REMARKS: This 6" service tee served the Town Homes irrigation system

WORK PERFORMED BY: The leak was located by Water Conservation Services and St Paul Regional Water completed the repair.



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 4d - Consent

Subject: Solid Waste Abatement Report

Documentation: Report

Action / Motion for Consideration:

Receive Information

SOLID WASTE ABATEMENT FROM COLLECTORS

REPORTED BY REPUBLIC SERVICES

FOR THE CITY OF:

White Bear Township

REPORT PERIOD:

Oct-19

HOUSEHOLD RECYCLING PARTICIPATION

Total number of possible recycling stops this month:	12,722
Number of actual recycling stops this month:	9,859
Participation:	77%

TOTAL WEIGHT COLLECTED FOR THIS MONTH:

RESIDENTIAL:

Newspaper *includes mixed mail, magazines & phonebooks	82,742
Glass	39,250
Cans	13,790
Cardboard- OCC	57,283
Plastic	19,094

TOTAL WEIGHT COLLECTED

212,159 Pounds

Republic Services certifies that the above stated figures are an accurate account and the reported information will not be used for abatement totals or reimbursements for any other city or recycling program.

November 5, 2019





Utility Commission Meeting December 12, 2019

Agenda Number: 5

Subject: Republic Services Representative – Bev Mathiasen

Documentation: Republic Correspondence /
Ramsey/Washington Recycling & Energy
Correspondence

Action / Motion for Consideration:

Receive Information/Discuss

Minutes
Utility Commission Meeting
October 10, 2019

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The example of Brooklyn Park was given. Each resident could place items on the curb for their cleanup day, but many residents took items from friends and family who do not live in the community and placed them on their curb. It's not uncommon, though it is costly to the community affected. One resident had half of his or her entire front yard filled with items for disposal.

There will be more discussion at the November Utility Commission meeting.

The spreadsheet on page 15 was discussed. There are some minor increases coming in 2020. There was an error in the sheet and Mathiasen will email a corrected copy. There was discussion of an amendment or Memorandum of Understanding (MOU) to place in the contract to clarify options.

Mathiasen noted that the Township has more options for recycling and waste removal than most communities in Minnesota.

There was discussion of the water/sewer/trash index increase, a 4-4.5% increase. There was discussion on comparison to rates in the industry versus what Republic is doing. It was noted that increases are rarely 3% even. It was the consensus that staff and the Commission will review the contract aware of the disposal and rate increase coming up and will come back with an update on the recycling industry.

Bernstein motioned to pass through the tonnage fee. Fredericks seconded. Ayes all.

INVOICE REPRINT

REPUBLIC SERVICES #899
 9813 FLYING CLOUD DRIVE
 EDEN PRAIRIE MN 55347-400505

CONTACT US AT:

ATTN: CUSTOMER SERVICE DEPT.
 CALL: (952) 941-5174

ADDRESSEE:

WHITE BEAR TOWNSHIP CLEAN UP
 ATTN: BILL SHORT
 1281 HAMMOND RD
 WHITE BEAR TOWNSHIP MN 55110-5866

<u>INVOICE NO.</u>	<u>INVOICE DATE</u>	<u>ACCOUNT NO.</u>
899-003416303	08/20/19	899-0078892

DESCRIPTION	QUANTITY	PRICE	AMOUNT
SITE#: 1 NAME: WHITE BEAR TWP CLEANUP RESI DB			
LOCATION: 1281 HAMMOND RD	CSA N		
SERVICE GROUP: 1 QTY: 1 WASTE CONTAINER 32 GAL			
06/15/19 SUB-CONTRACT SERVICE	173		1557.00
APPLIANCES			
06/15/19 SUB-CONTRACT SERVICE	25612		7683.60
ELECTRONICS			
TOTAL TAXES			0.00

<u>PAYMENT DUE BY</u>	<u>INVOICE AMOUNT</u>
UPON RECEIPT	\$ 9,240.60

<u>INVOICE NO.</u>	<u>INVOICE DATE</u>
899-003416303	08/20/19
<u>ACCOUNT NO.</u>	<u>AMOUNT DUE</u>
899-0078892	\$ 9,240.60

RETURN THIS
 PORTION WITH
 PAYMENT

REPUBLIC SERVICES #899
 9813 FLYING CLOUD DRIVE
 EDEN PRAIRIE MN 55347-400505

MAKE CHECKS PAYABLE TO:

REPUBLIC SERVICES #899
 9813 FLYING CLOUD DRIVE
 EDEN PRAIRIE, MN 55347-400505

WHITE BEAR TOWNSHIP CLEAN UP
 ATTN: BILL SHORT
 1281 HAMMOND RD
 WHITE BEAR TOWNSHIP MN 55110-5866

AMOUNT ENCLOSED

WRITE ADDRESS CORRECTIONS ABOVE

INVOICE REPRINT



Recycling is Still Broken

Update - September 2019

Pete Keller
VP, Recycling and Sustainability

Richard Coupland
VP, Municipal Services



Recycling Marketplace Structural Changes

Trends



2000

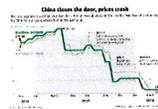
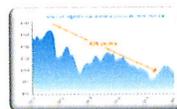
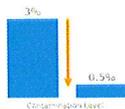


48,000 plastic bottles = 1 ton

2015



92,000 plastic bottles = 1 ton



Implications

Changes in the Stream

Some material changing faster than capital investment cycles
18M tons in 2000 → ~2M in 2015

Material Light-weighting

Skews program economics and current weight-based success metrics
Water bottles → Almost 2x transactions

China Sword (2018)

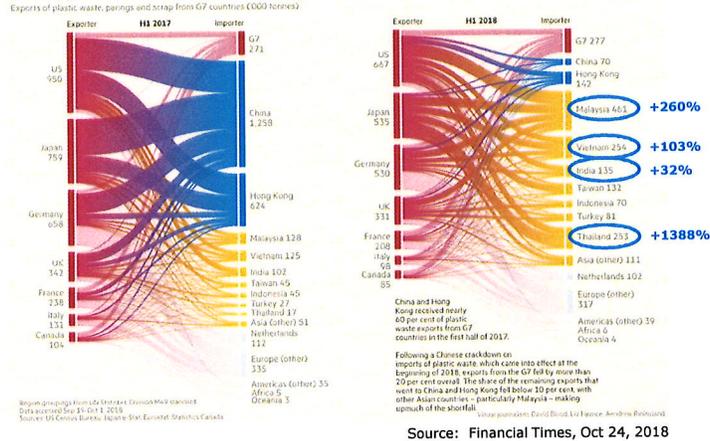
China drastically reduces acceptable quality criteria on imported recyclables
Plastics <0.5% → Mixed paper banned

Commodity Markets Crash

Commodity markets have steadily declined due to excess material globally
OCC down 70% → Mixed paper down 95%

Commodity Displacement

How the global river of plastic waste changed course in just 12 months



- China consumed a majority of Commodities globally
- Alternate markets are saturated; Some countries unprepared for influx

Supply and demand economics continue in play as commodities flood alternate markets world wide

3

Market Uncertainty

Los Angeles Times

Asian countries take a stand against the rich world's plastic waste

"Amid a growing global movement against non-recyclable plastic, Vietnam and Thailand have said they will block all imported plastic waste in the next few years."

CBS NEWS

Malaysia vows to send tons of non-recyclable garbage back to U.S., other developed nations

"Malaysia will not be a dumping ground to the world ... we will fight back. Even though we are a small country, we can't be bullied by developed countries."

INDEPENDENT

India bans imports of waste plastic to tackle environmental crisis

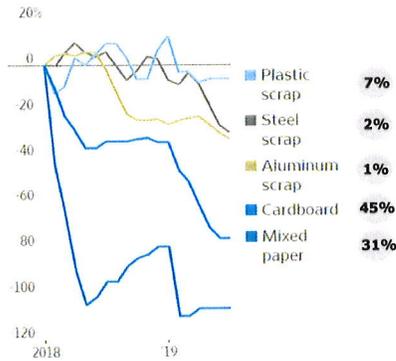
India has banned imports of waste plastic a year after China, the world's biggest importer of scrap plastic implemented a similar ban on western imports.

Southeast Asian countries are closing their ports. Materials are being shipped back to originating countries.

4

Plunging Commodity Prices

Recycled commodity prices, percentage change from January 2018



Source: Wall Street Journal 9/9/19 = % of Republic Services material sold

- Glut of material oversupplies markets
- Oversupplied markets further drive down commodity prices
- Cardboard, mixed paper and aluminum at all-time lows

76% of the material we sell has declined in value 78-105%.
 Not Shown - Glass makes up 7% of our material sold, and has declined 34%.

5

Recycling Program Economics Over Time

	Collection	Processing	Commodity	Residual	
1990s	Household cost artificially low to foster adoption	Costs lower due to inbound material being cleaner and heavier	Commodity values strong, due to Supply & Demand and cleaner material	Low contamination averages, attributed to focus on basics and no diversion mandates	
Industry Avg	\$2.00/Mo	\$60/Ton	\$200/Ton	\$25/Ton	
Net Position	(\$3.00/Mo)	+	(\$1.50/Mo)	+	\$4.60/Mo
					+
					(\$0.10/Mo)
					=
					\$0.00
2018	Still artificially low but with higher costs to run collection service	Dramatically higher costs from labor, technology and equipment, along with lighter material	Average values down significantly, further impacted by China Sword	Contamination average up to 30%, requiring more transport and disposal	
Industry Avg	\$3.00/Mo	\$100/Ton	\$100/Ton	\$50/Ton	
Net Position	(\$4.00/Mo)	+	(\$2.50/Mo)	+	\$1.50/Mo
					+
					(\$0.50/Mo)
					=
					(\$5.50)
2019	No change to increased costs	Continued cost escalation from labor, technology and equipment	Further value decline due to saturated markets	Public Education offers opportunity, but no change yet	
Industry Avg	\$3.00/Mo	\$120/Ton	\$70/Ton	\$50/Ton	
Net Position	(\$4.00/Mo)	+	(\$3.00/Mo)	+	\$1.25/Mo
					+
					(\$0.50/Mo)
					=
					(\$6.25)

China Sword exposed a \$5.50/month average gap in 2018. With further market and value declines, that gap is now **\$6.25/month** on average.

6

Recommended Business Model



The cost of a recycling program is the sum of fees for two services: the **Collection Fee** and the **Net Processing Fee**

7

Recent Municipal Program Modifications

 <p>Canceling Program Posen, IL Ravalli Co, MT Safford, AZ Thatcher, AZ Cole Co, MO (4 Cities) Perryville, MO Scott City, MO Ascension Parish, LA Kennebunkport, ME</p>	 <p>Changing Material List Greensboro, NC Arlington Co, VA New Orleans, LA Lexington, KY (12 Cities) Midland, TX Hood River Co, OR Penn Township, PA Jackson, MO Wellington, KS Morris Co, NJ</p>	 <p>Raising Rates Sacramento, CA Riverside, CA Milwaukee, WI Boston, MA Front Royal, VA Sanford, ME New Britain, CT Fort Smith, AR Hood River Co, OR</p>
 <p>Dropping Glass New Orleans, LA Greensboro, NC Winchester, VA Penn Township, PA Olmos Park, TX</p>	 <p>Burning/Dumping Recyclables Philadelphia, PA Surprise, AZ Bow, NH</p>	 <p>Changing Service Mecklenburg Co, NC Tucson, AZ Sarasota, FL Revere, MA Mitchell, SD Jamestown, NY Red Wing, MN</p>

Source: NWRA Recycling Program Changes, 8/2/19

Absent a durable recycling model, municipalities are addressing the crisis in multiple ways

8

Legislation vs. Infrastructure Needs

States addressing challenges through legislation; laws pending or enacted this year include:

California | Bills aim to reduce, reuse, recycle 75% of plastics

Washington | Recycling Development Center created

Oregon | Recycling steering committee formed

Maine | Potential requirements for package manufacturers

New Jersey | Considering ban on plastic bags, straws, foam containers

Infrastructure improvements are needed to make up for loss of China, which took in 40% of world's recyclables

9

2019 Media Coverage: A Mixed Bag

Mainstream News Coverage



Distracting Issues

VICE NEWS
We're Buying Into a Giant Lie About Plastic



CLEANING UP THE PLASTIC IN THE OCEAN
Discarded plastic is piling up around the world and pooling in the ocean. Sharyn Alfonsi reports on the problem's deadly consequences for wildlife and what can be done to stop it.

We continue to partner with media to help educate the public about the role they play in fixing recycling.

10

Continued Investments in Education & Outreach

Media outreach: 2 billion+ unpaid consumer impressions



Consumer education campaign

Recycling *Simplified*

Website with tips, videos, printable assets
 Marketing effort in select cities, including billboards, "oops" tags, cart audits
 After 8-week audit in Texas, contamination rate dropped from 21% to 11%



11

Key Topics Going Forward

Update the business model to services provided in a recycling program (without reliance on commodity value)

Evaluate program recyclables that offer the best benefit to the planet

Consider better metrics to track success

Increase public education, leading to lower contamination and better commodity values

The public wants to recycle, and is willing to pay for it.
 The path to creating a durable recycling program requires a **multi-faceted approach.**

12



Pete Keller
VP, Recycling & Sustainability

e: pkeller@republicservices.com
o: 480.627.2800 c: 206.465.1609

Richard Coupland
VP, Municipal Services

e: rcoupland@republicservices.com
o: 480-718-0384 c: 480-225-0481



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 6

Subject: Bellaire Beach Underground Storm System

Documentation: E-Mails / Concept Plans

Action / Motion for Consideration:

Receive Information/Discuss

Patti Walstad

From: Paul Groschen <paul.groschen@gmail.com>
Sent: Tuesday, October 22, 2019 12:21 PM
To: Pat Christopherson
Cc: Patti Walstad; Groschen, Paul
Subject: Re: FW: Bellaire Beach Park Board Mtg Results? 10-22-19

Caution: This email originated outside our organization; please use caution.

Hi Pat,

Is this area under the jurisdiction of Rice Creek Watershed? Maybe they have funds?

Paul

On Tue, Oct 22, 2019 at 9:37 AM Pat Christopherson <Pat.Christopherson@whitebeartownship.org> wrote:

For next meeting

From: Tom Riedesel <Tom.Riedesel@whitebeartownship.org>
Sent: Tuesday, October 22, 2019 9:36 AM
To: James E. Studenski <jim.studenski@tkda.com>
Cc: Dale Reed <Dale.Reed@whitebeartownship.org>; Kathleen W. Anglo <kathleen.anglo@tkda.com>; Pat Christopherson <Pat.Christopherson@whitebeartownship.org>
Subject: RE: Bellaire Beach Park Board Mtg Results? 10-22-19

The Park Board recommended/asked the Utilities Commission to discuss the underground system to see if they would support it as a future project.

Next step is to get this to the U.C. for discussion. No additional action is necessary until they give direction and the T. B. weighs in.

From: James E. Studenski [<mailto:jim.studenski@tkda.com>]
Sent: Tuesday, October 22, 2019 9:30 AM
To: Tom Riedesel <Tom.Riedesel@whitebeartownship.org>
Cc: Dale Reed <Dale.Reed@whitebeartownship.org>; Kathleen W. Anglo <kathleen.anglo@tkda.com>
Subject: RE: Bellaire Beach Park Board Mtg Results? 10-22-19

Caution: This email originated outside our organization; please use caution.

Tom,

What decisions were made at Thursday's Park Board meeting?

What are the next steps in the process?

Jim



James E. Studenski, PE | Senior Registered Engineer
Professional Engineer: MN

444 Cedar Street, Suite 1500, Saint Paul, MN 55101
P 651.292.4503 | C 612.369.4418
jim.studenski@tkda.com
tkda.com

From: James E. Studenski

Sent: Thursday, October 10, 2019 11:16 AM

To: Tom Riedesel (Tom.Riedesel@whitebeartownship.org) <Tom.Riedesel@whitebeartownship.org>

Cc: Dale Reed (Dale.Reed@whitebeartownship.org) <Dale.Reed@whitebeartownship.org>; Kathleen W. Anglo <kathleen.anglo@tkda.com>

Subject: RE: Bellaire Beach Underground Storm System 10-10-19b

Tom,

We have performed a draft design review of the Bellaire Beach storm pond system. The pond is currently undersized. The existing pond is overtopping in a 10-year storm event. Modification to the pond and storm pipes would be necessary.

The high water table and ground conditions limit the design options. Infiltration isn't possible with the existing conditions, therefore, the pond and the underground system are only for volume control storage.

Pond size enlargement would be dependent on the decision to repave the parking lot and to eliminate any overland drainage flow to the lake.

We have a draft design of the underground storm system. It will fit under the existing parking lot. Parking lot trees also impact the design of the underground system. The underground system will require pipe changes, adding storm structures, addressing the east storm pipe flow and parking lot runoff.

If you replace the parking lot that will trigger additional storm water management requirements.

The proposed underground storm system doesn't include removal/replacement of the parking lot/trees (which would be a separate Township contract), doesn't fill/regrade the existing pond, doesn't include any storm sewer replacement from the pond to the lake, and it would be part of the Master Planning project and no inspection services is estimated at \$245,000.

Please review the above information and let me know what items we should address.

Jim



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jim.studenski@tkda.com

tkda.com

Patti Walstad

From: Tom Riedesel
Sent: Wednesday, December 4, 2019 1:49 PM
To: Patti Walstad
Subject: FW: Bellaire Beach Draft Concepts
Attachments: Bellaire Beach_Concept Sketch B.pdf; Bellaire Beach_Concept Sketch A.pdf

From: Kathleen W. Anglo [mailto:kathleen.anglo@tkda.com]
Sent: Thursday, October 3, 2019 5:13 PM
To: Tom Riedesel <Tom.Riedesel@whitebeartownship.org>
Cc: Dale Reed <Dale.Reed@whitebeartownship.org>; James E. Studenski <jim.studenski@tkda.com>
Subject: Bellaire Beach Draft Concepts

Caution: This email originated outside our organization; please use caution.

Tom, here is where things are headed. A few notes:
I've kept the Ash trees in red so you can see where those were. I did not plan around them.
I lowered the elevation of the pavilion by 12-18" in order to get ADA access from the parking lot.
Please comment and we'll make changes in order to get you updated and more developed concepts by next week for the board meeting. If this isn't the direction you envisioned, please let me know and we can talk over the phone.

Kathleen



Kathleen Anglo, PLA, ASLA, Sites AP | Senior Registered Landscape Architect

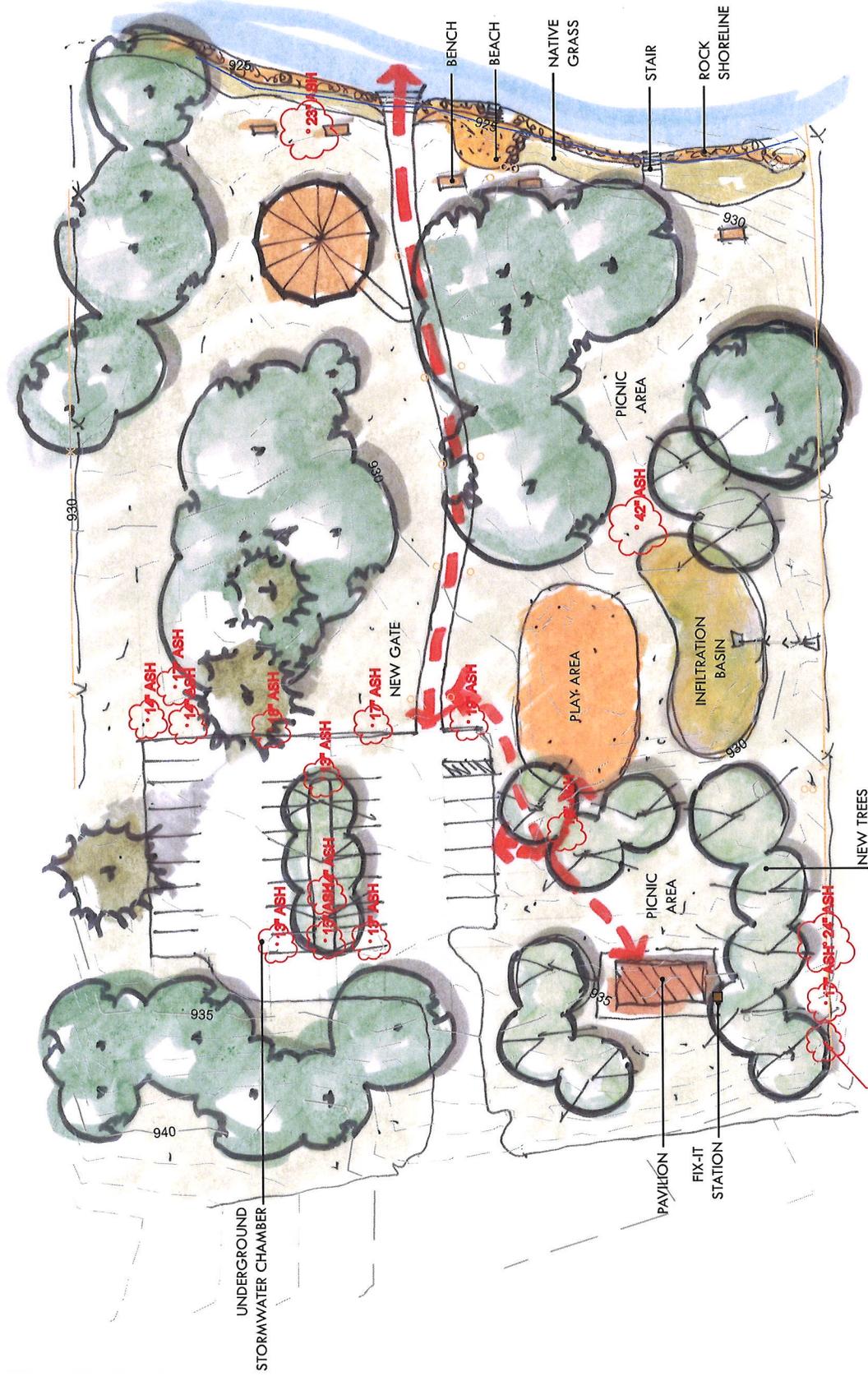
Licensed: MN, IA, ND, MO, SD, TN, TX, WI

444 Cedar Street, Suite 1500, Saint Paul, MN 55101

P 651.292.4471 | C 612-845-5991

kathleen.anglo@tkda.com

TKDA tkda.com




BELLAIRE BEACH MASTER PLAN
 Draft Concepts | Concept B
 10.03.2019



NEW TREES

UNDERGROUND
STORMWATER CHAMBER

PAVILION
FIX-IT
STATION

PLAY AREA

INFILTRATION
BASIN

PICNIC
AREA

NEW GATE

BENCH

BEACH

NATIVE
GRASS

STAIR

ROCK
SHORELINE

13" ASH

42" ASH

17" ASH

20" ASH

16" ASH

930

935

940

930

930

935

925

925

925

930

Patti Walstad

From: Pat Christopherson
Sent: Tuesday, October 22, 2019 9:38 AM
To: Patti Walstad; Paul Groschen; Groschen, Paul
Subject: FW: Bellaire Beach Park Board Mtg Results? 10-22-19

For next meeting

From: Tom Riedesel <Tom.Riedesel@whitebeartownship.org>
Sent: Tuesday, October 22, 2019 9:36 AM
To: James E. Studenski <jim.studenski@tkda.com>
Cc: Dale Reed <Dale.Reed@whitebeartownship.org>; Kathleen W. Anglo <kathleen.anglo@tkda.com>; Pat Christopherson <Pat.Christopherson@whitebeartownship.org>
Subject: RE: Bellaire Beach Park Board Mtg Results? 10-22-19

The Park Board recommended/asked the Utilities Commission to discuss the underground system to see if they would support it as a future project.
Next step is to get this to the U.C. for discussion. No additional action is necessary until they give direction and the T. B. weighs in.

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Sent: Tuesday, October 22, 2019 9:30 AM
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Cc: Dale Reed <Dale.Reed@whitebeartownship.org>; Kathleen W. Anglo <kathleen.anglo@tkda.com>
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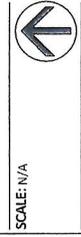
tkda.com



PROJECT: BELLAIRE BEACH
LOCATION: WHITE BEAR TOWNSHIP, MN 55110
WATERSHED DISTRICT:
RICE CREEK WATERSHED DISTRICT
RCWD
RICE CREEK WATERSHED DISTRICT

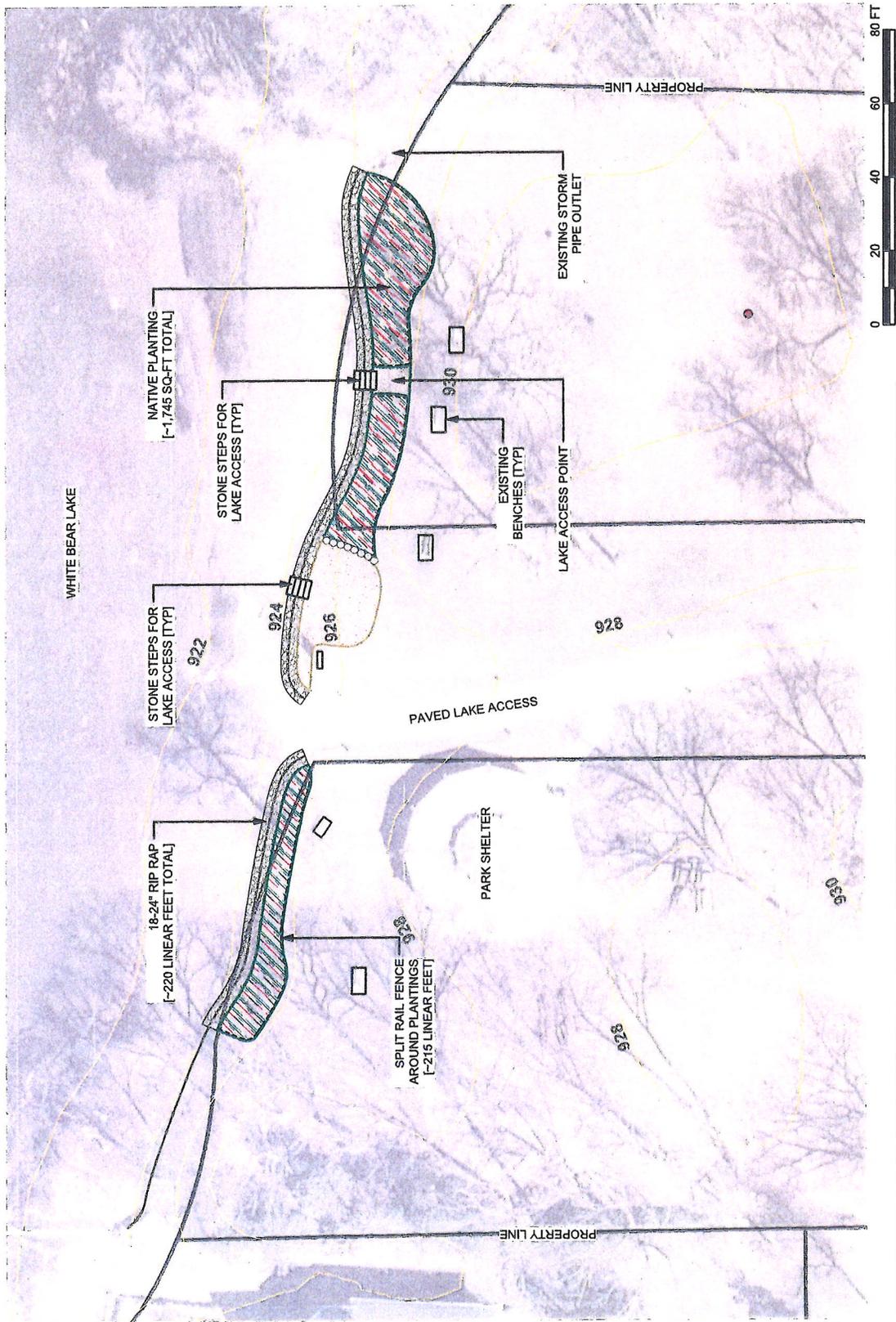
DESIGNER: BTO
DATE: 06/14/2019
REVISION:
REVISION:
REVISION:
CHECKED BY:
TAA:

NOTES:
-CONCEPT DESIGN ONLY
-NOT FOR CONSTRUCTION
-ORIGINAL SHEET SIZE: 11"X17"



CONCEPT PLAN

L100



PROJECT ESTIMATE:
TOTAL PROJECT COST: \$33,183
COST-SHARE ELIGIBLE COST: \$27,683
ROWD COST-SHARE FUNDING: \$13,841
WHITE BEAR TOWNSHIP COST: \$19,341

LEGEND	
	NATIVE BUFFER PLANTING
	RIP RAP ROCK
	BEACH SAND
	SPLIT RAIL FENCE
	CONTOUR LINE (2')



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 7

Subject: Commissioner's Report

Documentation: None

Action / Motion for Consideration:



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 8

Subject: Public Works Director Report

Documentation: Report

Action / Motion for Consideration:

**White Bear Township
Town Board Update
On
Public Works Department Activity
(November 2019)**

1. **Lift Station Upgrades–**
 - Lift Station #10 – The restoration has been completed to the Town’s satisfaction and Final Payment was approved at the November 18th Town Board Meeting.
 - Lift Station #9 (the last of the Town’s 10 Lift Stations to be rehabilitated)– The lift station is now fully operational. The Contractor is monitoring alarms via cell modem until the official Start Up is completed on December 11th. The concrete driveway and site restoration will be completed in the early summer of 2020.

2. **Safety**
 - Safety Training was held at WBT PW on 11/21/19

3. **Water Meter Repair/Reading**
 - Water meter replacement project update – M&E Construction started installations with one installer on July 8th. As of 11/20/19 there were 271 (321 when multiplying totals for each route by the percentages completed for each route) meters left to install and 103 installation issues (according to M&E’s website). There a number of the 103 installation issues related to mechanical equipment being in the way of the meter. Water heaters, walls, furnaces, and etc.
 - Commercial meter testing – Staff is coordinating with Pentair for testing of their water meters on October 12th. They are shutting down for 3 hours to test their backflow prevention device this provided the opportunity for the Town.

4. **2019-2028 Capital Equipment/Capital Improvement Programs**
 - Public Works would like to purchase a used water tanker truck from Boyer Trucks. The tanker was a City unit traded in for a new water tanker truck.
 - Town Board approved the purchase of a Ballfield Groomer at the September 16, 2019 Town Board meeting.

5. **Storm Water Program**
 - The Town Engineer will be developing plans and specifications for Outfalls 5 and 6 that discharge into Bald Eagle Lake. The project needs to be completed by the end of 2020 to take advantage of the Grant from Rice Creek Watershed District (RCWD).
 - Staff will be completing an updated SWPPP for submittal to the MPCA.

- 6. Water system improvements/issues**
- Manganese update – TKDA will update the Town Board today.
 - The Town Engineer is going to provide an agreement for the Town Board to approve regarding replacement or lining of watermain between Taylor Ave and Gaston Ave, on Hugo Road. The also East Bald Eagle Boulevard between Eagle Street and Beaver Street. There have been roughly 8+ watermain breaks between Taylor Avenue and Gaston Avenue over the last 30 years and equal number on EBE. The watermain is a 12” line. One home would be without water. We can temporary water from a hydrant on Taylor while the work is being completed for the resident at 5475 Hugo Road.
 - Hammond Road Water Tower repainting in 2019 – The Tower painting has been completed. There are remaining punchlist items to be completed in early 2020. The installation of the concrete floor is the largest remaining punchlist item.
 - An interconnect for area south of TH 96 with the City of White Bear Lake’s water system is being reviewed by the Town Engineer and Public Works Director.
- 7. Sanitary sewer system improvements/issues**
- The City of Birchwood’s gravity sanitary sewer connection work is near completion. They paved the base and intermediate asphalt courses on Wednesday, November 20, 2019. There are two remaining items for the City to complete. The decommissioning of the Lift Station #1 from the Town’s SCADA computer and the televising of all the City’s homes services lines that feed into the mainline that connects to the Town’s manhole on South Shore Boulevard. Staff will continue working with the City of Birchwood’s Engineer to make sure these items completed asap. The Engineer has been tied up trying to wrap up the mailine installation.
 - Staff is expecting an email, any day, confirming the amount of the grant money from the MCES for I/I work completed during 2017, 2018, and 2019.
 - Meetings have been held with North Oaks Company to reconcile sanitary sewer connection fees and capacity for the Centerville Road sanitary sewer mainline. As of the last meeting on September 25th, Town staff will be reviewing records and agreements to date to assist with the reconciliation.
- 8. Street Improvement Program.**
- The 2019 Pavement Project paving was completed. White Bear Parkway, Gillfillan Court, Weston Woods Way, Weston Woods Court, Parkview Drive, Fenway Court, and Hobe Lane. There are punchlist items remaining.
- 9. Sign replacement program (retroreflectivity standard)**

- Street name sign replacement is proposed for 2020. Staff has completed taking inventory of our existing sign locations and number. The CIP \$\$\$ have been increased.

10. Personnel Updates:

- Staff are in the process of preparing new performance evaluations for 2020.

11. Park Projects:

- The trails along White Bear Parkway, Hammond Road, Centerville Road, Otter Lake Road, Polar Lakes Park and Columbia Park will be sealcoated in 2019. This year’s project has included the Well and Lift Station parking lots. The Town Board accepted the bids and awarded the bid to Borderlines Pavement. Progress has been slowed by the rainy September weather.

12. Ramsey County Projects within the Township;

- A meeting with Ramsey County Public Works Director/Engineer was held on 8/14/19 regarding potential turnbacks.

2019

- West Bald Eagle Boulevard from Co Rd H-2 to Co Rd J. The project has been completed.
- Concrete Rehab of Highway 96 from I-35E to Highway 61 work continues.

2020-2023 Proposed

- Co Rd J from Otter Lake Road to Centerville Road (Design 2020, Reconstruction 2023)
- Mill and Overlay of South Shore Boulevard from White Bear Avenue to Co Rd F?
- South Shore Boulevard Mill and Overlay from White Bear Avenue to Co Rd F in 2020.
- Hugo Road Mill and Overlay from Park Ave to Co Rd J.
- Co Rd F Mill and Overlay from White Bear Avenue to East County Line.
- Mill and Overlay of Century Avenue from Co Rd E to Co Rd F.
- Co Rd F from McKnight Road to Century (East Co Ln)
- Co Rd H-2 from Centerville Road to West Bald Eagle Boulevard
- Otter Lake Road from Goose Lake Road to CSAH 96
- Portland Avenue from Highway 96 to Taylor Avenue.
- East Bald Eagle Boulevard?

13. Informational sharing regarding Public Works in general:



Utility Commission Meeting December 12, 2019

Agenda Number: 9

Subject: Next Meeting Date – Agenda Items

Documentation:

Action / Motion for Consideration:

JANUARY 2020						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
30	31	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	1	2

Free Calendar Templates Dreamcalendars.com



Textile Recycling Receipt

9/30/2019

Make checks payable to: White Bear Township
Attn: William F. Short, Clerk-Treasurer
1281 Hammond Rd.
White Bear Township, MN 55110

Name of Organization	Representative:	
White Bear Township	William F. Short, Clerk-Treasurer	

Month	Amount of Textiles collected (in pounds)	Price per Pound	Line Total
September	371	\$0.01	\$3.71
			\$3.71

Thank you for recycling with us!



**Utility Commission Meeting
December 12, 2019**

Agenda Number: 10 - 11

Subject: Added Agenda Items

Adjournment

Documentation: FYI Items

Action / Motion for Consideration: