

# Town of Friday Harbor Water, Wastewater, and Solid Waste Utilities Summary Reports

[www.fridayharbor.org](http://www.fridayharbor.org)

**Period ending: Nov 2020**

Data provided by  
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Analysis & Reports prepared by  
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**Water - use MTD**sourceDate  
/  
11 / 2020

Spe=Special, Sfr=Single Family Residential, P.A= Public Authority, Mfr=Multi-family, Ind=Industrial, Com=Commerc

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<b>Water Class</b>	<b>Accounts</b>	<b>Gallons</b>
Spe	2	30,930
Sfr	998	2,785,370
PA	79	618,010
Mfr	130	1,931,840
Ind	14	97,420
Com	222	1,265,230
<b>TOTAL</b>	<b>1,445</b>	<b>6,728,800</b>

**Water use MTD - accounts with sewer**

sourceDate  
/  
11 / 2020

Sewer Class	Accounts	Gallons
<b>Location: IN</b>		
Mfr Out/lo Strength	1	16,450
Com In/lo Strength	164	644,290
Dot In/lo Strength	3	24,920
Ind In/hi Strength	1	30,980
Ind In/lo Strength	10	60,090
Lmf In/lo Strength	1	2,850
Low Rate / IN Town	6	9,600
Com In/hi Strength	44	583,420
Mfr In/low Strength	50	562,560
Mhp In/lo Strength	2	368,700
PA In/hi Strength	3	70,520
PA In/lo Strength	43	284,900
Sfr IN Town	623	1,816,120
Mfr In/lo Strength	69	802,690
	<b>1020</b>	<b>5,278,090</b>

<b>Location: Out</b>		
UW Out/hi Strength	1	147,000
Mfr Out/lo Strength	1	5,570
Sfr Out of Town	4	11,010
	<b>6</b>	<b>163,580</b>

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Sewer Class	Accounts	Gallons
TOTAL	1026	5,441,670

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**Water - use MTD by Location**sourceDate  
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11 / 2020

Spe=Special, Sfr=Single Family Residential, P.A= Public Authority, Mfr=Multi-family, Ind=Industrial, Com=Commerc

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<b>Water Class</b>	<b>Accounts</b>	<b>Gallons</b>
<b>Location: IN</b>		
Spe	2	30,930
Sfr	644	1,849,710
PA	70	443,780
Mfr	125	1,798,910
Ind	13	97,420
Com	219	1,253,190
	<hr/>	<hr/>
	1,073	5,473,940
<b>Location: Out</b>		
Sfr	354	935,660
PA	9	174,230
Mfr	5	132,930
Ind	1	0
Com	3	12,040
	<hr/>	<hr/>
	372	1,254,860
<b>TOTAL</b>	<b>1,445</b>	<b>6,728,800</b>

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**Refuse - pickups by Class**sourceDate  
/  
11 / 2020

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Location	Class	Pickups
IN	Sfr	2,319.0
	RefuseOnly	239.5
	PA	119.5
	Mfr	590.0
	Ind	17.5
	Com	1,381.0
		<hr/> 4,666.5
Out	Mfr	9.0
		<hr/> 9.0
	<b>TOTAL</b>	<b>4,675.5</b>

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**Recycle - pickups by Class**sourceDate  
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11 / 2020

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Location	Class	Pickups
IN	Sfr	853
	RefuseOnly	38
	PA	0
	Mfr	92
	Ind	2
	Com	7
		<hr/> 992
Out	Mfr	0
		<hr/> 0
	<b>TOTAL</b>	<hr/> <b>992</b>

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**Refuse - active accounts**

sourceDate

/  
11 / 2020

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Location	Refuse Type	Accounts
IN		
	Small Dumpster	45
	PA	39
	Medium Dumpste	50
	Large Dumpster	68
	Compactors	4
	Cans Low Rate	6
	Cans	850
		<hr/> 1,062
Out		
	Large Dumpster	1
		<hr/> 1
	<b>TOTAL</b>	<b>1,063</b>

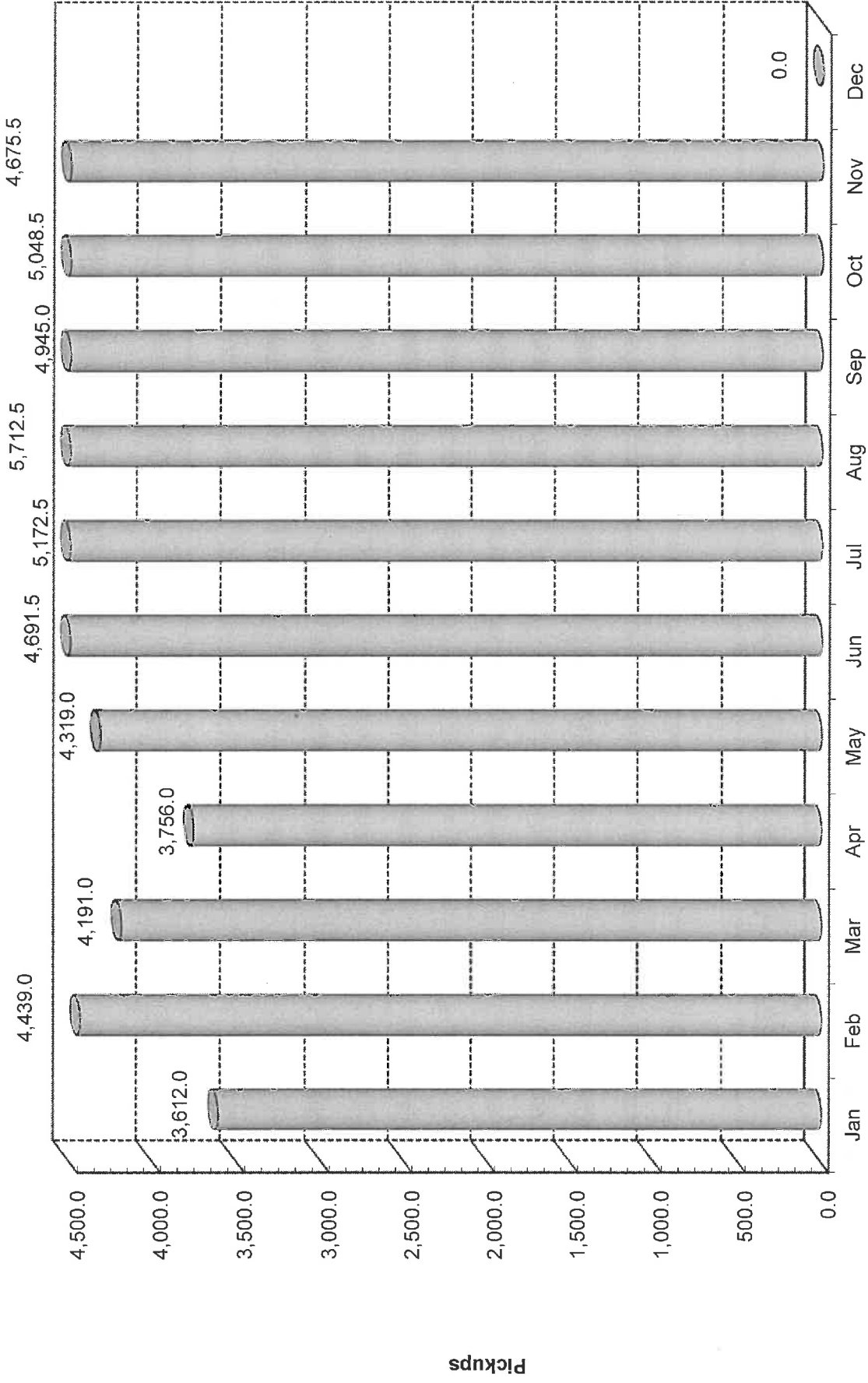
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## Refuse Pickups - 2020 YTD

Account Type	SFR	Refuse Only	P.A	MFR	IND	COM	Other	Total
Jan	1,273.0	188.0	143.5	410.0	15.5	1,578.5	3.5	3,612.0
Feb	1,593.0	239.5	166.0	473.0	21.5	1,943.0	3.0	4,439.0
Mar	1,482.0	223.5	153.0	426.5	19.0	1,883.5	3.5	4,191.0
Apr	1,785.0	164.5	59.0	501.5	16.5	1,221.5	8.0	3,756.0
May	2,175.0	181.5	64.5	550.0	18.0	1,321.5	8.5	4,319.0
Jun	2,084.0	197.0	73.5	529.0	20.0	1,776.5	11.5	4,691.5
Jul	2,099.0	240.5	69.5	566.0	14.5	2,171.5	11.5	5,172.5
Aug	2,374.0	276.5	74.0	610.5	19.5	2,344.0	14.0	5,712.5
Sep	2,019.0	260.5	95.5	537.0	26.5	1,995.5	11.0	4,945.0
Oct	2,077.0	268.0	106.0	548.5	20.0	2,019.0	10.0	5,048.5
Nov	2,319.0	239.5	119.5	590.0	17.5	1,381.0	9.0	4,675.5
Dec								0.0
YTD	21,280.0	2,479.0	1,124.0	5,742.0	208.5	19,635.5	93.5	50,562.5

# Refuse Pickups by Month - 2020



**Finish Water Flow to Town**  
source: Water Treatment Facility Monthly Report

Revised reporting period: per K. Anderson 03/06/17  
to reflect meter reading dates (?).  
Start/End dates may change monthly.

32 :count of days in reporting period.

	October 15, 2020		November 15, 2020	
day	flow (total flow)		day	flow (total flow)
13			1	240
14			2	236
15	225		3	189
16	283		4	255
17	264		5	191
18	247		6	227
19	279		7	310
20	207		8	209
21	288		9	183
22	183		10	260
23	295		11	264
24	278		12	186
25	270		13	256
26	161		14	234
27	312		15	234
28	218		16	
29	258			
30	211			
31	280			
days			days	
17	4259		15	3474
	TOTAL DAYS		32	
	TOTAL FLOW		7733	
			1,000's gallons	

TOWN OF FRIDAY HARBOR

## Flow to Town (Gross Water Production) 2020

Revised reporting period: per K. Anderson 03/06/17  
to reflect meter reading dates (?).

Reporting (meter reading) period			days in period	Gross flow to Town	Flow to Town (millions)
<i>from WTP Chem. Wts. &amp; Finish Flow to Town Report</i>	<i>to</i>				
16-Dec	<i>to</i>	12-Jan	28	6,771,000	6,771
13-Jan		13-Feb	32	7,991,000	7,991
14-Feb		15-Mar	31	7,169,000	7,169
16-Mar		14-Apr	30	6,984,000	6,984
15-Apr		14-May	30	7,971,000	7,971
15-May		14-Jun	31	9,137,000	9,137
15-Jun		14-Jul	30	10,903,000	10,903
15-Jul		16-Aug	33	14,737,000	14,737
17-Aug		14-Sep	29	11,463,000	11,463
15-Sep		14-Oct	30	8,823,000	8,823
15-Oct		15-Nov	32	7,733,000	7,733
			0	0	
			<hr/>	<hr/>	<hr/>
			336	99,682,000	99682.0

TOWN OF FRIDAY HARBOR

**WATER CONSUMPTION (Use) BY CUSTOMER CLASS**

source: utilTry08 & 13.mdb

2018

CLASS:	COM	IND	MFR	P.A	SFR	Special	other uses	TOTAL	% of Use	Avg Daily Use
JAN	1,250,270	69,660	1,349,580	607,870	2,203,780	17,222	694,751	6,193,133	5.7%	199,778
FEB	1,500,170	71,310	1,618,790	688,000	2,665,520	41,199	828,250	7,413,239	6.8%	255,629
MAR	1,241,570	75,040	1,397,840	559,420	2,041,730	17,517	732,194	6,065,311	5.6%	195,655
APR	1,684,280	82,120	1,658,130	1,095,020	2,433,950	8,070	890,947	7,852,517	7.2%	261,751
MAY	1,870,990	106,370	1,714,050	1,072,220	2,988,690	53,173	854,665	8,660,158	8.0%	279,360
JUN	2,517,020	203,770	2,147,470	1,893,510	4,289,890	109,235	867,127	12,028,022	11.1%	400,934
JUL	2,623,370	261,470	2,060,480	2,149,290	4,135,760	117,755	773,844	12,121,969	11.1%	391,031
AUG	3,160,640	289,630	2,187,810	2,573,210	4,922,790	64,549	667,359	13,865,988	12.8%	447,290
SEP	2,774,070	235,700	2,160,460	2,155,220	4,169,510	127,141	548,063	12,170,164	11.2%	405,672
OCT	1,700,260	99,490	1,833,510	1,308,870	2,663,670	40,958	768,703	8,415,461	7.7%	271,466
NOV	1,516,500	104,840	1,693,090	989,960	2,537,410	33,727	405,666	7,281,193	6.7%	242,706
DEC	1,308,380	93,000	1,584,960	849,590	2,356,950	13,677	449,197	6,655,754	6.1%	214,702
<b>TOTAL</b>	<b>23,147,520</b>	<b>1,692,400</b>	<b>21,406,170</b>	<b>15,942,180</b>	<b>37,409,650</b>	<b>644,223</b>	<b>8,480,764</b>	<b>108,722,907</b>	<b>100.0%</b>	<b>297,057</b>
<b>AVERAGE</b>	<b>1,928,960</b>	<b>141,033</b>	<b>1,783,848</b>	<b>1,328,515</b>	<b>3,117,471</b>	<b>53,685</b>	<b>706,730</b>	<b>108,722,907</b>	<b>:USE for Year</b>	<b>-7,064,093 :LOSS for Year</b>
% of USE	21.3%	1.6%	19.7%	14.7%	34.4%	0.6%	7.8%	100.0%	115,787,000	:FLOW (User+Loss)
% of FLOW	20.0%	1.5%	18.5%	13.8%	32.3%	0.6%	7.3%	93.9%	-6.1%	Loss as % of Flow

2020

CLASS:	COM	IND	MFR	P.A	SFR	Special	other uses	TOTAL	% of Use	Avg Daily Use
JAN	1,245,000	106,800	1,477,460	778,750	2,353,930	8,953	519,909	6,490,802	6.8%	209,381
FEB	1,472,570	103,550	1,708,290	877,370	2,579,290	31,010	586,762	7,358,842	7.7%	253,753
MAR	1,269,760	79,450	1,581,430	597,760	2,269,100	15,009	668,075	6,480,584	6.8%	209,051
APR	855,070	67,640	1,845,470	421,860	2,823,760	41,241	621,772	6,676,813	7.0%	222,560
MAY	979,450	83,580	1,960,930	673,160	3,435,470	102,507	630,453	7,865,550	8.2%	253,727
JUN	1,163,080	85,270	2,111,320	827,450	3,654,370	42,123	699,038	8,582,651	9.0%	286,088
JUL	1,887,081	227,720	2,157,360	1,425,030	4,208,750	64,034	730,079	10,700,054	11.2%	345,163
AUG	2,827,729	284,390	2,761,380	2,072,320	5,553,590	139,076	800,183	14,438,668	15.1%	465,763
SEP	2,207,410	222,810	2,194,420	1,543,250	4,211,890	112,212	579,688	11,071,680	11.6%	369,056
OCT	1,679,380	128,740	2,014,950	1,065,460	2,981,580	41,258	675,971	8,587,339	9.0%	277,011
NOV	1,265,230	97,420	1,931,840	618,010	2,785,370	30,930	557,304	7,286,104	7.6%	242,870
DEC							0	0	0.0%	0
<b>TOTAL</b>	<b>16,851,760</b>	<b>1,487,370</b>	<b>21,744,850</b>	<b>10,900,420</b>	<b>36,857,100</b>	<b>628,353</b>	<b>7,069,235</b>	<b>95,539,088</b>	<b>100.0%</b>	<b>285,191</b>
<b>AVERAGE</b>	<b>1,531,978</b>	<b>135,215</b>	<b>1,976,805</b>	<b>990,947</b>	<b>3,350,645</b>	<b>57,123</b>	<b>589,103</b>	<b>95,539,088</b>	<b>:USE for Year</b>	<b>-4,142,912 :LOSS for Year</b>
% of USE	17.6%	1.6%	22.8%	11.4%	38.6%	0.7%	7.4%	100.0%	99,682,000	:FLOW (User+Loss)
% of FLOW	16.9%	1.5%	21.8%	10.9%	37.0%	0.6%	7.1%	95.8%	-4.2%	Loss as % of Flow

TOWN OF FRIDAY HARBOR

Net Water Production - 2020

amounts in gallons

	Jan	Feb	Mar	Apr	May	Jun
Gross Production for billing period from WTP Chemical Weights & Finish Flow to Town Report	6,771,000	7,991,000	7,169,000	6,984,000	7,971,000	9,137,000
3% meter loss	179,127	203,162	174,375	181,651	217,053	236,508
Flushing	129,200	155,800	282,600	126,975	212,000	210,350
SJC#3 FD use	5,000	5,000	5,000	5,000	5,000	5,000
Leaks	206,582	222,800	206,100	308,146	196,400	247,180
notes						
other non-metered use						
notes						
Additional water in storage						
notes						
notes						
Total other uses	-519,909	-586,762	-688,075	-621,772	-630,453	-699,038
<b>Net production</b>	<b>6,251,091</b>	<b>7,404,238</b>	<b>6,500,925</b>	<b>6,362,228</b>	<b>7,340,547</b>	<b>8,437,962</b>
	Jul	Aug	Sep	Oct	Nov	Dec
Gross Production for billing period from WTP Chemical Weights & Finish Flow to Town Report	10,903,000	14,737,000	11,463,000	8,823,000	7,733,000	0
3% meter loss	299,099	409,155	314,760	237,341	201,864	0
Flushing	230,550	159,200	66,000	84,300	127,000	
SJC#3 FD use	5,000	5,000	5,000	5,000	5,000	
Leaks	195,430	226,828	193,928	349,330	223,440	
notes						
other non-metered use						
notes						
notes						
Total other uses	-730,079	-800,183	-579,688	-675,971	-557,304	0
<b>Net production</b>	<b>10,172,921</b>	<b>13,936,817</b>	<b>10,883,312</b>	<b>8,147,029</b>	<b>7,175,696</b>	<b>0</b>

TOWN OF FRIDAY HARBOR

# Water Consumption & Production

Revised meter loss reporting begin 07/09 (per Robert Krebs, Evergreen Rural Water Assoc.)

Period	USE (consumption)	Cumulative Use YTD	Flow (production)	Unaccounted over / (under)	Cumulative Flow YTD	Average Daily Flow	
<b>2018</b>							
<i>gallons</i>	Jan-18	6,473,834	7,347,000	-873,166		237,000	
	Feb-18	6,318,823	12,792,658	-735,177	14,401,000	251,929	
	Mar-18	5,860,732	18,653,389	-705,268	20,967,000	211,806	
	Apr-18	7,416,815	26,070,204	-839,185	29,223,000	275,200	
	May-18	7,687,108	33,757,312	-244,892	37,155,000	255,871	
	Jun-18	11,419,190	45,176,502	-519,810	49,094,000	397,967	
	Jul-18	13,151,864	58,328,366	-1,029,136	63,275,000	457,452	YTD
	Aug-18	14,508,241	72,836,607	-855,759	78,639,000	495,613	Unaccounted
	Sep-18	12,454,526	85,291,133	-1,314,474	92,408,000	458,967	as % of Flow
Average	Oct-18	8,624,468	93,915,601	-551,532	101,584,000	296,000	5.10%
Monthly Use	Nov-18	7,401,706	101,317,307	-920,294	109,906,000	277,400	
9,031,729	Dec-18	7,063,439	108,380,746	-1,161,561	118,131,000	265,323	-5,914,508
<b>YEAR TOTAL:</b>	12	108,899,956	Cumulative Metered/Other Use YTD	118,131,000	-9,750,254	Cumulative Unaccounted 3% meter loss	323,377 2,915,731
<b>2019</b>							
<i>gallons</i>	Jan-19	6,193,133	6,982,000	-788,867		225,226	
	Feb-19	7,413,239	13,606,372	-451,761	14,847,000	280,893	
	Mar-19	6,065,311	19,671,683	-1,402,689	22,315,000	240,903	
	Apr-19	7,852,517	27,524,200	-751,483	30,919,000	286,800	
	May-19	8,660,158	36,184,358	-861,842	40,441,000	307,161	
	Jun-19	12,028,022	48,212,379	-466,978	52,936,000	416,500	
	Jul-19	12,121,969	60,334,348	-37,031	65,095,000	392,226	YTD
	Aug-19	13,865,988	74,200,336	-111,012	79,072,000	450,871	Unaccounted
	Sep-19	12,170,164	86,370,500	-552,836	91,795,000	424,100	as % of Flow
Average	Oct-19	8,415,461	94,785,961	-452,539	100,663,000	286,065	8.25%
Monthly Use	Nov-19	7,281,193	102,067,154	-426,807	108,371,000	256,933	
9,060,242	Dec-19	6,655,754	108,722,907	-760,246	115,787,000	239,226	-9,750,254
<b>YEAR TOTAL:</b>	12	108,722,907	Cumulative Metered/Other Use YTD	115,787,000	-7,064,093	Cumulative Unaccounted 3% meter loss	317,242 2,989,222
<b>2020</b>							
<i>gallons</i>	Jan-20	6,490,802	6,771,000	-280,198		218,419	
	Feb-20	7,358,842	13,849,644	-632,158	14,762,000	285,393	
	Mar-20	6,480,584	20,330,228	-688,416	21,931,000	231,258	
	Apr-20	6,676,813	27,007,042	-307,187	28,915,000	232,800	
	May-20	7,865,550	34,872,592	-105,450	36,886,000	257,129	
	Jun-20	8,582,651	43,455,243	-554,349	46,023,000	304,567	
	Jul-20	10,700,054	54,155,297	-202,946	56,926,000	351,710	YTD
	Aug-20	14,438,668	68,593,965	-298,332	71,663,000	475,387	Unaccounted
	Sep-20	11,071,680	79,665,645	-391,320	83,126,000	382,100	as % of Flow
Average	Oct-20	8,587,339	88,252,984	-235,661	91,949,000	284,613	4.16%
Monthly Use	Nov-20	7,286,104	95,539,088	-446,896	99,682,000	257,767	
8,685,372	Dec-20	0	95,539,088	0	99,682,000	0	-4,142,912
<b>YEAR TOTAL:</b>	11	95,539,088	Cumulative Metered/Other Use YTD	99,682,000	-4,142,912	Cumulative Unaccounted 3% meter loss	298,286 2,654,096

<b>3 YEAR</b>	Use	Flow	Daily Flow	3 Year Loss as % of Flow
<b>AVERAGES:</b>	5,841,116 :gal/month	9,531,429 :gal/month	205,176	<b>5.94%</b>

source: Monthly Water Treatment Plant Report & utility.mdb's      3 yr cumulative flow 333,600,000  
 3 yr unaccounted -19,807,674

## Utilization of Sustainable Annual Water System Capacity

Period start: Dec-19

Period end: Nov-20

Sustainable Annual Yield (TFH  
Comprehensive Water System Plan  
Update, June, 2013, page 3-6)

205 million gallons

Annual use - 12 month period  
percent of Sustainable Annual Yield

107.1 million gallons  
52.2%

Exceeds Sustainable Yield?

**No**



# Rainfall - Trout Lake Water Treatment Facility

source: Water Treatment Plant Weather Reports

*all figures in inches*

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	average (2005-14)
JAN	5.49	6.87	6.51	2.34	3.82	4.73	5.90	3.46	4.14	2.86	4.61
FEB	1.01	1.61	2.83	1.78	1.50	1.24	2.74	3.38	1.32	4.22	2.16
MAR	2.33	0.91	3.70	1.99	2.05	3.30	3.37	3.09	3.63	3.88	2.83
APR	1.37	2.23	1.49	1.32	2.07	1.47	2.96	1.91	2.70	1.94	1.95
MAY	1.08	1.24	0.78	1.26	1.69	2.09	3.07	1.09	2.20	1.05	1.56
JUN	1.63	0.56	1.03	1.16	0.35	1.10	0.68	2.60	0.83	0.52	1.05
JUL	0.70	0.26	1.56	0.21	0.45	0.11	0.84	1.04	0.00	0.36	0.55
AUG	1.60	0.03	0.64	1.88	0.81	0.72	0.29	0.00	0.95	0.49	0.74
SEP	0.94	1.15	0.54	0.84	1.58	4.35	0.72	0.12	5.08	1.34	1.67
OCT	3.50	1.89	2.12	1.83	5.24	1.38	2.29	6.40	1.42	4.00	3.01
NOV	4.28	10.43	2.32	5.15	6.76	2.94	4.50	3.32	2.49	4.00	4.62
DEC	2.89	3.74	4.59	3.70	1.80	6.55	1.88	4.79	2.28	3.37	3.56
<b>Total</b>	<b>26.82</b>	<b>30.92</b>	<b>28.11</b>	<b>23.46</b>	<b>28.12</b>	<b>29.98</b>	<b>29.24</b>	<b>31.20</b>	<b>27.04</b>	<b>28.03</b>	<b>28.29</b>

Cumulative thru

<b>DEC</b>	<b>26.82</b>	<b>30.92</b>	<b>28.11</b>	<b>23.46</b>	<b>28.12</b>	<b>29.98</b>	<b>29.24</b>	<b>31.20</b>	<b>27.04</b>	<b>28.03</b>
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*all figures in inches*

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
JAN	3.97	2.17	1.60	5.10	3.87	7.32				
FEB	2.95	4.83	2.99	3.80	1.76	5.34				
MAR	3.62	2.88	3.27	1.48	0.87	1.25				
APR	0.51	0.75	2.20	3.10	1.61	1.38				
MAY	0.30	0.48	1.61	0.07	1.29	1.49				
JUN	0.14	1.22	0.75	0.72	0.61	1.25				
JUL	0.36	0.32	0.15	0.18	0.75	0.86				
AUG	0.94	0.11	0.11	0.01	0.84	0.68				
SEP	1.28	1.40	0.71	1.27	2.74	2.34				
OCT	3.53	4.80	4.28	2.23	3.33	3.39				
NOV	6.19	3.47	4.32	4.32	2.1	4.68				
DEC	5.26	4.02	3.83	4.26	3.63					
<b>Total</b>	<b>29.05</b>	<b>26.45</b>	<b>25.82</b>	<b>26.54</b>	<b>23.40</b>	<b>29.98</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Cumulative thru

<b>DEC</b>	<b>29.05</b>	<b>26.45</b>	<b>25.82</b>	<b>26.54</b>	<b>23.40</b>	<b>29.98</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
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TOWN OF FRIDAY HARBOR

**Trout Lake Reservoir Level**

*Months with positive levels may reflect that a removable 7.25 inch riser has been added to the top of the original spillway.*

<i>end of</i>	<i>Inches above/(below) original spillway</i>	<i>end of</i>	<i>Inches above/(below) original spillway</i>	<i>end of</i>	<i>Inches above/(below) original spillway</i>
Jan-12	-1.75	Jan-15	0.00	Jan-18	0.00
Feb-12	0.00	Feb-15	0.00	Feb-18	0.00
Mar-12	0.00	Mar-15	0.00	Mar-18	8.75
Apr-12	8.00	Apr-15	6.50	Apr-18	8.25
May-12	0.00	May-15	0.00	May-18	1.50
Jun-12	7.00	Jun-15	-13.00	Jun-18	-10.50
Jul-12	-19.00	Jul-15	-29.50	Jul-18	-29.50
Aug-12	-32.75	Aug-15	-42.25	Aug-18	-42.00
Sep-12	-45.00	Sep-15	-49.50	Sep-18	-50.00
Oct-12	-48.00	Oct-15	-54.50	Oct-18	-54.50
Nov-12	-24.25	Nov-15	-17.25	Nov-18	-55.50
Dec-12	0.00	Dec-15	0.00	Dec-18	-26.00
Jan-13	0.00	Jan-16	0.00	Jan-19	0.00
Feb-13	0.00	Feb-16	0.00	Feb-19	0.00
Mar-13	0.00	Mar-16	0.00	Mar-19	2.75
Apr-13	8.50	Apr-16	6.00	Apr-19	2.75
May-13	3.75	May-16	-2.50	May-19	-0.75
Jun-13	-3.75	Jun-16	-11.00	Jun-19	-2.00
Jul-13	-21.00	Jul-16	-21.00	Jul-19	-16.00
Aug-13	-34.25	Aug-16	-36.50	Aug-19	-26.25
Sep-13	-39.25	Sep-16	-49.50	Sep-19	-40.00
Oct-13	-43.50	Oct-16	-51.00	Oct-19	-46.25
Nov-13	-44.75	Nov-16	-45.50	Nov-19	-49.75
Dec-13	-26.00	Dec-16	-10.35	Dec-19	-49.50
Jan-14	0.00	Jan-17	0.00	Jan-20	-11.00
Feb-14	0.00	Feb-17	0.00	Feb-20	0.00
Mar-14	0.00	Mar-17	2.75	Mar-20	0.00
Apr-14	8.25	Apr-17	9.00	Apr-20	4.00
May-14	5.00	May-17	4.75	May-20	0.00
Jun-14	7.00	Jun-17	-4.00	Jun-20	-0.75
Jul-14	-20.50	Jul-17	-19.00	Jul-20	-8.50
Aug-14	-30.25	Aug-17	-32.00	Aug-20	-22.50
Sep-14	-42.75	Sep-17	-43.00	Sep-20	-34.00
Oct-14	-45.25	Oct-17	-50.50	Oct-20	-42.50
Nov-14	-46.50	Nov-17	-48.00	Nov-20	-45.25
Dec-14	0.00	Dec-17	-11.50	Dec-20	

# Prevention of Wastewater Facility Overloading

Period start: Nov-19  
 Period end: Oct-20

INFLUENT BOD LOADING (pounds per day)	AVG. EFFLUENT FLOW (millions of gallons per day)	SUSPENDED SOLIDS LOADING (pounds per day)
Design Criteria (06/06 NPDES Permit #WA-002358-2, pg 12, paragraph S4-A) max.month 1,600	Design Criteria (06/06 NPDES Permit #WA-002358-2, pg 12, paragraph S4.A) max.month 0.69000	Design Criteria (06/06 NPDES Permit #WA-002358-2, pg 12, paragraph S4.A) max.month 1,110
85% Capacity Planning Threshold (06/06 NPDES Permit #WA-002358-2, pg 12, paragraph S4.B.1) 1,360	85% Capacity Planning Threshold (06/06 NPDES Permit #WA-002358-2, pg 12, paragraph S4.B.1) 0.58650	85% Capacity Planning Threshold (06/06 NPDES Permit #WA-002358-2, pg 12, paragraph S4.B.1) 944
Month with highest average loading in period Jan-19	Month with highest average flow in period Jan-19	Month with highest average loading in period Jan-19
Highest average monthly loading in period (pounds per day) 559	Highest average monthly flow in period (millions of gallons per day) 0.4088414	Highest average monthly loading in period (pounds per day) 488
% of Design Criteria <b>35%</b>	% of Design Criteria <b>59%</b>	% of Design Criteria <b>44%</b>
exceeds Design Criteria? <b>No</b>	exceeds Design Criteria? <b>No</b>	exceeds Design Criteria? <b>No</b>
Previous month's loading 509	Previous month's flow 0.2541	Previous month's loading 319
Following month's loading 524	Following month's flow 0.2799	Following month's loading 245
exceeds Planning Threshold for 3 consecutive months? <b>No</b>	exceeds Planning Threshold for 3 consecutive months? <b>No</b>	exceeds Planning Threshold for 3 consecutive months? <b>No</b>