



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

www.fridayharbor.org

Period ending: Oct 2020

Data provided by
Wayne Haefele, PE, Public Works Director
Water Utility, Mike Deegan, Water System Mgr.
Frank Byrne, Water Treatment Plant Operator
Wastewater Utility, Don Reitan, Leadman
Solid Waste Utility, Dave Smith, Leadman

Analysis & Reports prepared by
Mike Greene, System Administrator

Water - use MTDsourceDate
10 / 2020

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

Water Class	Accounts	Gallons
Spe	2	41,258
Sfr	997	2,981,580
PA	78	1,065,460
Mfr	130	2,014,950
Ind	14	128,740
Com	222	1,679,380
TOTAL	1,443	7,911,368

Water use MTD - accounts with sewersourceDate
10 / 2020

Sewer Class	Accounts	Gallons
Location: IN		
Mfr Out/lo Strength	1	4,820
Com In/lo Strength	163	860,200
Dot In/lo Strength	3	29,240
Ind In/hi Strength	1	51,340
Ind In/lo Strength	10	70,340
Lmf In/lo Strength	1	2,990
Low Rate / IN Town	6	8,470
Com In/hi Strength	45	667,200
Mfr In/low Strength	61	593,780
Mhp In/lo Strength	2	352,400
PA In/hi Strength	3	97,050
PA In/lo Strength	43	688,140
Sfr IN Town	622	1,924,720
Mfr In/lo Strength	58	836,360
	<hr/>	
	1019	6,187,050
Location: Out		
UW Out/hi Strength	1	145,700
Mfr Out/lo Strength	1	6,300
Sfr Out of Town	4	12,850
	<hr/>	
	6	164,850

Sewer Class	Accounts	Gallons
TOTAL	1025	6,351,900

Water - use MTD by LocationsourceDate
10 / 2020

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

Water Class	Accounts	Gallons
Location: IN		
Spe	2	41,258
Sfr	643	1,958,450
PA	69	885,810
Mfr	125	1,839,080
Ind	13	128,380
Com	219	1,668,780
	<hr/>	
	1,071	6,521,758
Location: Out		
Sfr	354	1,023,130
PA	9	179,650
Mfr	5	175,870
Ind	1	360
Com	3	10,600
	<hr/>	
	372	1,389,610
TOTAL	1,443	7,911,368

Refuse - pickups by ClasssourceDate
10 / 2020

Location	Class	Pickups
IN	Sfr	2,077.0
	RefuseOnly	268.0
	PA	106.0
	Mfr	548.5
	Ind	20.0
	Com	2,019.0
		5,038.5
Out	Mfr	10.0
		10.0
TOTAL		5,048.5

Refuse - active accountssourceDate
10 / 2020

Location	Refuse Type	Accounts
IN		
	Small Dumpster	45
	PA	39
	Medium Dumpste	51
	Large Dumpster	68
	Compactors	4
	Cans Low Rate	6
	Cans	847
		<hr/>
		1,060
Out		
	Large Dumpster	1
		<hr/>
		1
		<hr/>
	TOTAL	1,061

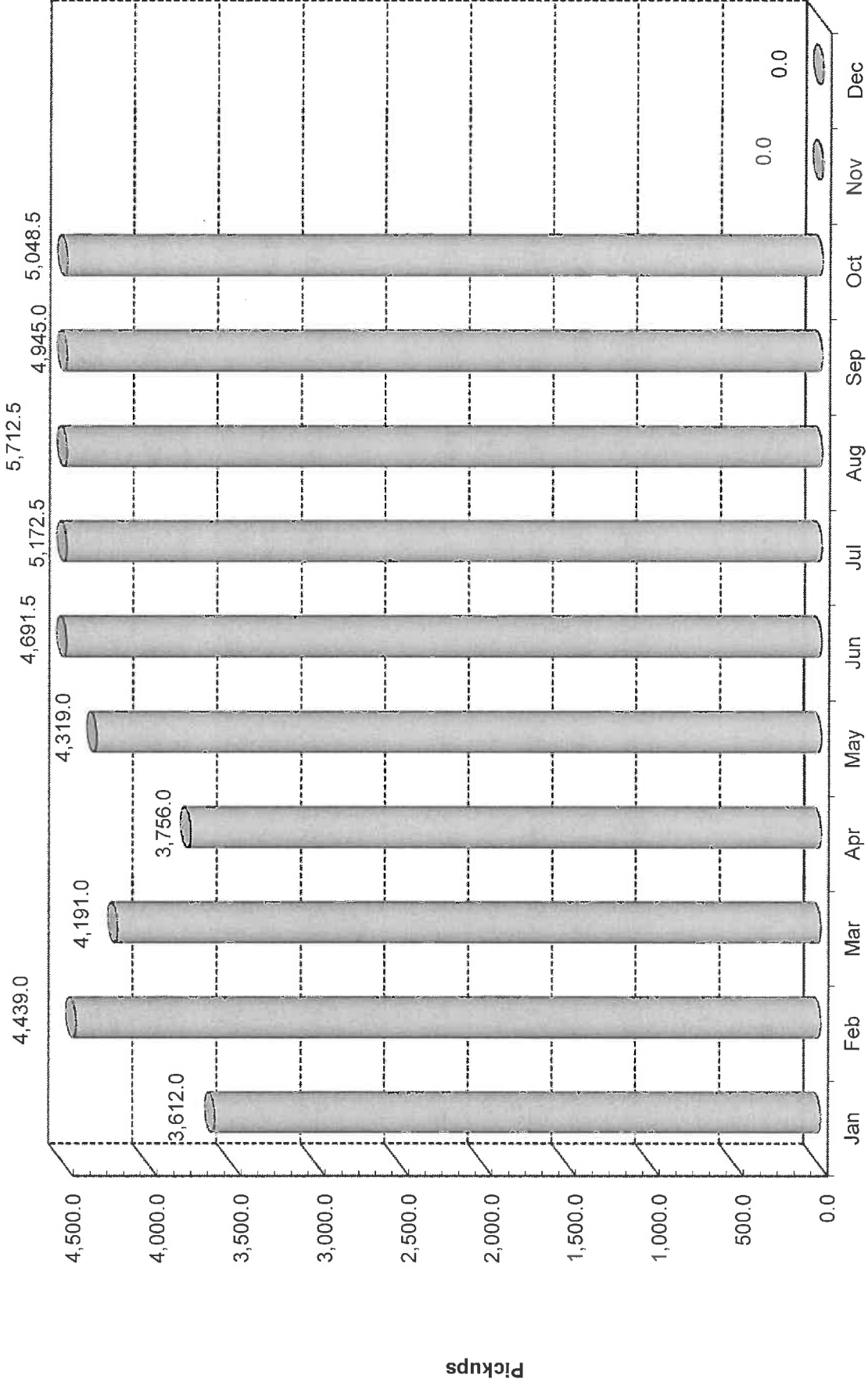
Recycle - pickups by ClasssourceDate
10 / 2020

Location	Class	Pickups
IN	Sfr	754
	RefuseOnly	19
	PA	0
	Mfr	84
	Ind	2
	Com	2
		<hr/> 861
Out	Mfr	0
		<hr/> 0
	TOTAL	861

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								0.0
Dec								0.0
YTD	18,961.0	2,239.5	1,004.5	5,152.0	191.0	18,254.5	84.5	45,887.0

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.

30 :count of days in reporting period.

September 15, 2020		October 14, 2020	
day	flow (total flow)	day	flow (total flow)
13		1	285
14		2	280
15	353	3	342
16	356	4	287
17	339	5	233
18	286	6	226
19	306	7	281
20	293	8	282
21	356	9	283
22	311	10	261
23	322	11	338
24	307	12	219
25	299	13	299
26	294	14	268
27	282	15	
28	251	16	
29	304		
30	280		
31			
<hr/>		<hr/>	
days	4939	days	3884
16		14	
<hr/>			
TOTAL DAYS		30	
<hr/>			
TOTAL FLOW		8823	
		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. & 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
			0	0	
			0	0	
			304	91,949,000	91949.0

TOWN OF FRIDAY HARBOR

WATER CONSUMPTION (Use) BY CUSTOMER CLASS

source: utilTtry08 & 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	2,160,480	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
TOTAL	23,147,520	1,692,400	21,406,170	15,942,180	37,409,650	644,223	8,480,764	108,722,907	100.0%	297,057
AVERAGE	1,928,960	141,033	1,783,848	1,328,515	3,117,471	53,685	706,730	9,060,242	-7,064,093 :LOSS for Year	
% 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	7.4%	209,381
FEB	1,472,570	103,550	1,708,290	877,370	2,579,290	31,010	586,762	7,358,842	8.3%	253,753
MAR	1,269,760	79,450	1,581,430	597,760	2,269,100	15,009	668,075	6,480,584	7.3%	209,051
APR	855,070	67,640	1,845,470	421,860	2,823,760	41,241	621,772	6,676,813	7.6%	222,560
MAY	979,450	83,580	1,960,930	673,160	3,435,470	102,507	630,453	7,865,550	8.9%	253,727
JUN	1,163,080	85,270	2,111,320	827,450	3,654,370	42,123	699,038	8,582,651	9.7%	286,088
JUL	1,887,081	227,720	2,157,360	1,425,030	4,208,750	64,034	730,079	10,700,054	12.1%	345,163
AUG	2,827,729	284,390	2,761,380	2,072,320	5,553,590	139,076	800,183	14,438,668	16.4%	465,763
SEP	2,207,410	222,810	2,194,420	1,543,250	4,211,890	112,212	579,688	11,071,680	12.5%	369,056
OCT	1,679,380	128,740	2,014,950	1,065,460	2,981,580	41,258	675,971	8,587,339	9.7%	277,011
NOV							0	0	0.0%	0
DEC							0	0	0.0%	0
TOTAL	15,586,530	1,389,950	19,813,010	10,282,410	34,071,730	597,423	6,511,931	88,252,984	100.0%	289,354
AVERAGE	1,558,653	138,995	1,981,301	1,028,241	3,407,173	59,742	542,661	88,252,984 :USE for Year	-3,696,016 :LOSS for Year	
% of USE	17.7%	1.6%	22.5%	11.7%	38.6%	0.7%	7.4%	100.0%	91,949,000 :FLOW (User+Loss)	
% of FLOW	17.0%	1.5%	21.5%	11.2%	37.1%	0.6%	7.1%	96.0%	-4.0% Loss as % of Flow	

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
other non-metered use						
Additional water in storage						
<i>Total other uses</i>	-519,909	-586,762	-668,075	-621,772	-630,453	-699,038
Net production	6,251,091	7,404,238	6,500,925	6,362,228	7,340,547	8,437,962
	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	0	0
3% meter loss	299,099	409,155	314,760	237,341	0	0
Flushing	230,550	159,200	66,000	84,300		
SJC#3 FD use	5,000	5,000	5,000	5,000		
Leaks	195,430	226,828	193,928	349,330		
other non-metered use						
<i>Total other uses</i>	-730,079	-800,183	-579,688	-675,971	0	0
Net production	10,172,921	13,936,817	10,883,312	8,147,029	0	0

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	
2018							
<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
YEAR TOTAL:	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
2019							
<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
YEAR TOTAL:	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
2020							
<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	4.02%
Monthly Use	Nov-20	0	88,252,984	0	91,949,000	0	
8,825,298	Dec-20	0	88,252,984	0	91,949,000	0	-3,696,016
YEAR TOTAL:	10	88,252,984	Cumulative Metered/Other Use YTD	91,949,000	-3,696,016	Cumulative Unaccounted 3% meter loss	302,338 2,452,232

3 YEAR	Use	Flow	Daily Flow	3 Year Loss
AVERAGES:	5,798,616 :gal/month	9,584,324 :gal/month	206,527	as % of Flow 5.94%

source: Monthly Water Treatment Plant Report & utility.mdb's 3 yr cumulative flow 325,867,000
3 yr unaccounted -19,360,778

Utilization of Sustainable Annual Water System Capacity

Period start: Nov-19

Period end: Oct-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

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.

end of	Inches above/(below) original spillway	end of	Inches above/(below) original spillway	end of	Inches above/(below) original spillway
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	
Dec-14	0.00	Dec-17	-11.50	Dec-20	

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
Total	26.82	30.92	28.11	23.46	28.12	29.98	29.24	31.20	27.04	28.03	28.29

Cumulative thru

DEC	26.82	30.92	28.11	23.46	28.12	29.98	29.24	31.20	27.04	28.03
------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------	--------------

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					
DEC	5.26	4.02	3.83	4.26	3.63					
Total	29.05	26.45	25.82	26.54	23.40	25.30	0.00	0.00	0.00	0.00

Cumulative thru

DEC	29.05	26.45	25.82	26.54	23.40	25.30	0.00	0.00	0.00	0.00
------------	--------------	--------------	--------------	--------------	--------------	--------------	-------------	-------------	-------------	-------------

Prevention of Wastewater Facility Overloading

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

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