



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

www.fridayharbor.org

Period ending: October 2022

Data provided by
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Water Utility, Taylor Musburger Water System Mgr.
Frank Byrne, Water Treatment Plant Operator
Wastewater Utility, Don Reitan, Leadman
Solid Waste Utility, Dave Smith, Leadman

Analysis & Reports prepared by
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Water - use MTD

sourceDate
/
10 / 2022
9 / 2022

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

Water Class	Accounts	Gallons
Spe	2	48,306
Sfr	1027	4,334,714
PA	93	1,031,142
Mfr	133	1,966,126
Ind	15	206,125
Com	226	2,129,765
TOTAL	1,496	9,716,178

Water - use MTD by Location

sourceDate
/
10 / 2022
9 / 2022

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

Water Class	Accounts	Gallons
Location: IN		
Spe	2	48,306
Sfr	669	2,471,788
PA	84	802,315
Mfr	128	1,802,912
Ind	14	201,785
Com	223	2,114,575
	1,120	7,441,681
Location: Out		
Sfr	358	1,862,926
PA	9	228,827
Mfr	5	163,214
Ind	1	4,340
Com	3	15,190
	376	2,274,497
TOTAL	1,496	9,716,178

Water use MTD - accounts with sewer

sourceDate
/
10 / 2022
9 / 2022

Sewer Class	Accounts	Gallons
Location: IN		
Mfr In/low Strength	42	528,629
Com In/lo Strength	170	1,252,376
Dot In/lo Strength	3	39,750
Ind In/hi Strength	1	38,252
Ind In/lo Strength	11	150,874
Lmf In/lo Strength	1	3,186
Com In/hi Strength	42	808,109
Mfr In/lo Strength	79	905,355
Mhp In/lo Strength	2	276,000
PA In/hi Strength	3	118,093
PA In/lo Strength	53	518,273
Sfr IN Town	645	2,416,967
Low Rate / IN Town	9	24,535
	1061	7,080,399
Location: Out		
UW Out/hi Strength	1	163,300
Mfr Out/lo Strength	1	16,855
Sfr Out of Town	4	18,623
	6	198,778

Sewer Class	Accounts	Gallons
TOTAL	1067	7,279,177

Refuse - pickups by Class

sourceDate
/
10 / 2022
9 / 2022

Location	Class	Pickups
IN	Sfr	2,700.0
	RefuseOnly	404.5
	PA	181.5
	Mfr	662.0
	Ind	26.5
	Com	3,578.5
		7,553.0
Out	Mfr	6.5
		6.5
TOTAL		7,559.5

Refuse - active accounts

sourceDate
/
10 / 2022
9 / 2022

Location	Refuse Type	Accounts
IN	Small Dumpster	41
	PA	44
	Medium Dumpste	59
	Large Dumpster	73
	Compactors	4
	Cans Low Rate	9
	Cans	893
		1,123
Out	Large Dumpster	1
		1
TOTAL		1,124

Recycle - pickups by Class

sourceDate
/
10 / 2022
9 / 2022

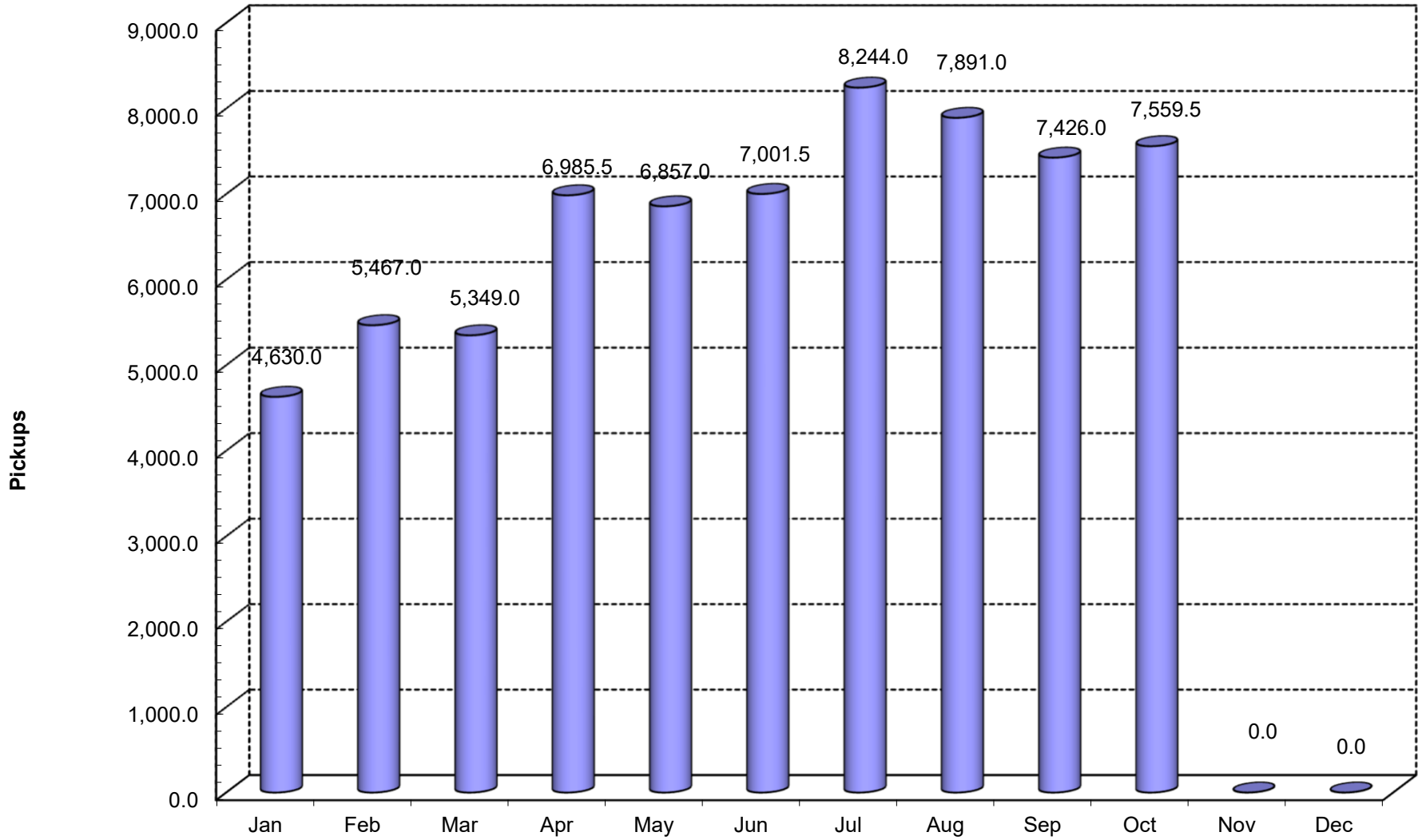
Location	Class	Pickups
IN	Sfr	1,123
	RefuseOnly	40
	PA	0
	Mfr	97
	Ind	6
	Com	2
		1,268
Out	Mfr	0
		0
TOTAL		1,268

Town of Friday Harbor

Refuse Pickups - 2022 YTD

<i>Account Type</i>	<i>SFR</i>	<i>Refuse Only</i>	<i>P.A</i>	<i>MFR</i>	<i>IND</i>	<i>COM</i>	<i>Other</i>	<i>Total</i>
<i>Jan</i>	2,031.0	264.5	107.0	566.0	17.5	1,639.0	5.0	4,630.0
<i>Feb</i>	1,828.0	277.0	170.0	523.0	23.0	2,640.5	5.5	5,467.0
<i>Mar</i>	1,776.0	213.0	145.5	497.5	20.0	2,692.0	5.0	5,349.0
<i>Apr</i>	2,375.0	289.5	154.5	582.0	19.0	3,562.5	3.0	6,985.5
<i>May</i>	2,255.0	297.0	191.0	556.5	26.0	3,525.0	6.5	6,857.0
<i>Jun</i>	2,417.0	347.5	140.5	589.0	21.0	3,480.0	6.5	7,001.5
<i>Jul</i>	2,837.0	452.5	75.5	645.0	23.0	4,202.5	8.5	8,244.0
<i>Aug</i>	2,577.0	436.5	76.5	643.0	26.0	4,121.5	10.5	7,891.0
<i>Sep</i>	2,566.0	465.0	189.0	673.0	19.0	3,504.5	9.5	7,426.0
<i>Oct</i>	2,700.0	404.5	181.5	662.0	26.5	3,578.5	6.5	7,559.5
<i>Nov</i>								0.0
<i>Dec</i>								0.0
YTD	23,362.0	3,447.0	1,431.0	5,937.0	221.0	32,946.0	66.5	67,410.5

Refuse Pickups by Month - 2022



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.

September 15, 2022	October 16, 2022
day	day
14	1
15	2
16	3
17	4
18	5
19	6
20	7
21	8
22	9
23	10
24	11
25	12
26	13
27	14
28	15
29	16
30	
31	
days	days
16	16
5719	5172
TOTAL DAYS	32
TOTAL FLOW	10891
	1,000's gallons

TOWN OF FRIDAY HARBOR

Flow to Town (Gross Water Production) 2022

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

Reporting (meter reading) period			days in period	Gross <i>flow to Town</i>	Flow to Town (thousands)
<i>from WTP Chem. Wts. & Finish Flow to Town Report</i>	<i>to</i>				
15-Dec	<i>to</i>	13-Jan	30	7,491,000	7,491
14-Jan	<i>to</i>	14-Feb	32	7,118,000	7,118
15-Feb	<i>to</i>	14-Mar	28	6,844,000	6,844
15-Mar	<i>to</i>	14-Apr	31	8,245,000	8,245
15-Apr	<i>to</i>	15-May	31	8,041,000	8,041
16-May	<i>to</i>	14-Jun	30	8,658,000	8,658
15-Jun	<i>to</i>	14-Jul	30	11,349,000	11,349
15-Jul	<i>to</i>	14-Aug	31	13,224,000	13,224
15-Aug	<i>to</i>	14-Sep	31	12,855,000	12,855
15-Sep	<i>to</i>	16-Oct	32	10,891,000	10,891
	<i>to</i>		0	0	
	<i>to</i>		0	0	
			306	94,716,000	94716.0

TOWN OF FRIDAY HARBOR

WATER CONSUMPTION (Use) BY CUSTOMER CLASS

source: utilTry08 & 13.mdb

2021 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	6.4%	209,381
FEB	1,472,570	103,550	1,708,290	877,370	2,579,290	31,010	586,762	7,358,842	7.2%	253,753
MAR	1,269,760	79,450	1,581,430	597,760	2,269,100	15,009	668,075	6,480,584	6.4%	209,051
APR	855,070	67,640	1,845,470	421,860	2,823,760	41,241	621,772	6,676,813	6.6%	222,560
MAY	979,450	83,580	1,960,930	673,160	3,435,470	102,507	630,453	7,865,550	7.7%	253,727
JUN	1,163,080	85,270	2,111,320	827,450	3,654,370	42,123	699,038	8,582,651	8.4%	286,088
JUL	1,887,081	227,720	2,157,360	1,425,030	4,208,750	64,034	730,079	10,700,054	10.5%	345,163
AUG	2,827,729	284,390	2,761,380	2,072,320	5,553,590	139,076	800,183	14,438,668	14.2%	465,763
SEP	2,207,410	222,810	2,194,420	1,543,250	4,211,890	112,212	579,688	11,071,680	10.9%	369,056
OCT	1,679,380	128,740	2,014,950	1,065,460	2,981,580	41,258	675,971	8,587,339	8.4%	277,011
NOV	1,265,230	97,420	1,931,840	618,010	2,785,370	30,930	557,304	7,286,104	7.1%	242,870
DEC	993,490	89,190	1,717,840	424,420	2,518,610	28,300	604,796	6,376,646	6.3%	205,698
TOTAL	17,845,250	1,576,560	23,462,690	11,324,840	39,375,710	656,653	7,674,030	101,915,733	100.0%	278,458
AVERAGE	1,487,104	131,380	1,955,224	943,737	3,281,309	54,721	639,503	8,492,978	-4,520,267	:LOSS for Year
% of USE	17.5%	1.5%	23.0%	11.1%	38.6%	0.6%	7.5%	100.0%	106,436,000	:FLOW (Use+Loss)
% of FLOW	16.8%	1.5%	22.0%	10.6%	37.0%	0.6%	7.2%	95.8%	-4.2%	Loss as % of Flow

2022 CLASS:	COM	IND	MFR	P.A	SFR	Special	other uses	TOTAL	% of Use	Avg.Daily Use
JAN	1,349,356	106,940	1,859,134	390,738	2,869,118	6,043	446,290	7,027,619	7.8%	226,697
FEB	1,044,244	99,730	1,679,131	523,331	2,437,867	16,677	757,389	6,558,369	7.3%	226,151
MAR	1,111,601	108,470	1,526,387	851,547	2,141,873	12,600	506,934	6,259,412	7.0%	201,917
APR	1,482,269	129,010	1,761,595	896,903	2,560,915	5,281	1,004,919	7,840,892	8.8%	261,363
MAY	1,485,784	134,610	1,709,947	742,139	2,679,584	25,247	394,059	7,171,370	8.0%	231,335
JUN	1,771,620	188,788	1,755,772	912,234	3,102,069	17,907	578,792	8,327,182	9.3%	277,573
JUL	2,260,944	205,140	2,180,450	1,456,449	4,349,214	40,747	570,188	11,063,132	12.4%	356,875
AUG	2,511,136	275,399	2,223,989	1,730,159	5,306,988	50,230	599,177	12,697,078	14.2%	409,583
SEP	2,501,949	256,415	2,158,719	1,524,596	4,978,195	126,874	699,062	12,245,810	13.7%	408,194
OCT	2,129,765	206,125	1,966,126	1,031,142	4,334,714	48,306	655,795	10,371,973	11.6%	334,580
NOV							0	0	0.0%	0
DEC							0	0	0.0%	0
TOTAL	17,648,668	1,710,627	18,821,250	10,059,238	34,760,537	349,912	6,212,607	89,562,839	100.0%	293,649
AVERAGE	1,764,867	171,063	1,882,125	1,005,924	3,476,054	34,991	517,717	7,463,570	-5,153,161	:LOSS for Year
% of USE	19.7%	1.9%	21.0%	11.2%	38.8%	0.4%	6.9%	100.0%	94,716,000	:FLOW (Use+Loss)
% of FLOW	18.6%	1.8%	19.9%	10.6%	36.7%	0.4%	6.6%	94.6%	-5.4%	Loss as % of Flow

TOWN OF FRIDAY HARBOR

Net Water Production - 2022

amounts in gallons

	Jan	Feb	Mar	Apr	May	Jun
Gross Production for billing period from WTP Chemical Weights & Finish Flow to Town Report	7,491,000	7,118,000	6,844,000	8,245,000	8,041,000	8,658,000
3% meter loss	197,440	174,029	172,574	205,079	203,319	232,452
Flushing	143,850	107,560	173,980	99,840	108,440	185,990
SJC#3 FD use	5,000	5,000	15,000	655,000	32,300	5,000
Leaks	100,000	170,800	145,380	45,000	50,000	155,350
<i>notes</i>						
other non-metered use		300,000				
<i>notes</i>		lifecare fire main leak				
Additional water in storage						
<i>notes</i>						
<i>Total other uses</i>	-446,290	-757,389	-506,934	-1,004,919	-394,059	-578,792
Net production	7,044,710	6,360,611	6,337,066	7,240,081	7,646,941	8,079,208
	Jul	Aug	Sep	Oct	Nov	Dec
Gross Production for billing period from WTP Chemical Weights & Finish Flow to Town Report	11,349,000	13,224,000	12,855,000	10,891,000	0	0
3% meter loss	314,788	362,937	346,402	291,485	0	0
Flushing	40,000	131,240	197,660	209,310		
SJC#3 FD use	5,000	5,000	5,000	5,000		
Leaks	210,400	100,000	150,000	150,000		
<i>notes</i>						
other non-metered use						
<i>notes</i>						
<i>Total other uses</i>	-570,188	-599,177	-699,062	-655,795	0	0
Net production	10,778,812	12,624,823	12,155,938	10,235,205	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		
2020								
<i>gallons</i>								
Jan-20	6,490,802		6,771,000	-280,198		218,419		
Feb-20	7,358,842	13,849,644	7,991,000	-632,158	14,762,000	285,393		
Mar-20	6,480,584	20,330,228	7,169,000	-688,416	21,931,000	231,258		
Apr-20	6,676,813	27,007,042	6,984,000	-307,187	28,915,000	232,800		
May-20	7,865,550	34,872,592	7,971,000	-105,450	36,886,000	257,129		
Jun-20	8,582,651	43,455,243	9,137,000	-554,349	46,023,000	304,567		
Jul-20	10,700,054	54,155,297	10,903,000	-202,946	56,926,000	351,710	YTD	
Aug-20	14,438,668	68,593,965	14,737,000	-298,332	71,663,000	475,387	Unaccounted	
Sep-20	11,071,680	79,665,645	11,463,000	-391,320	83,126,000	382,100	as % of Flow	
Average	Oct-20	8,587,339	88,252,984	8,823,000	-235,661	91,949,000	284,613	4.25%
Monthly Use	Nov-20	7,286,104	95,539,088	7,733,000	-446,896	99,682,000	257,767	
8,492,978	Dec-20	6,376,646	101,915,733	6,754,000	-377,355	106,436,000	217,871	-4,520,267
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
2021								
<i>gallons</i>								
Jan-21	6,818,211		7,320,000	-501,789		236,129		
Feb-21	7,124,868	13,943,079	7,539,000	-414,132	14,859,000	269,250		
Mar-21	6,271,616	20,214,695	7,160,000	-888,384	22,019,000	230,968		
Apr-21	7,669,307	27,884,002	8,464,000	-794,693	30,483,000	282,133		
May-21	9,525,250	37,409,253	10,115,000	-589,750	40,598,000	326,290		
Jun-21	10,293,730	47,702,983	10,626,000	-332,270	51,224,000	354,200		
Jul-21	13,591,377	61,294,359	13,725,000	-133,623	64,949,000	442,742	YTD	
Aug-21	14,723,426	76,017,785	14,978,000	-254,574	79,927,000	483,161	Unaccounted	
Sep-21	11,630,682	87,648,467	12,019,000	-388,318	91,946,000	400,633	as % of Flow	
Average	Oct-21	8,004,636	95,653,104	8,502,000	-497,364	100,448,000	274,258	5.11%
Monthly Use	Nov-21	7,027,754	102,680,858	7,580,000	-552,246	108,028,000	252,667	
9,093,646	Dec-21	6,442,893	109,123,751	6,975,000	-532,107	115,003,000	225,000	-5,879,249
YEAR TOTAL:	12	109,123,751	Cumulative Metered/Other Use YTD	115,003,000	-5,879,249	Cumulative Unaccounted 3% meter loss	314,786	2,827,251
2022								
<i>gallons</i>								
Jan-22	7,027,619		7,491,000	-463,381		241,645		
Feb-22	6,558,369	13,585,988	7,118,000	-559,631	14,609,000	254,214		
Mar-22	6,259,412	19,845,401	6,844,000	-584,588	21,453,000	220,774		
Apr-22	7,840,892	27,686,293	8,245,000	-404,108	29,698,000	274,833		
May-22	7,171,370	34,857,663	8,041,000	-869,630	37,739,000	259,387		
Jun-22	8,327,182	43,184,845	8,658,000	-330,818	46,397,000	288,600		
Jul-22	11,063,132	54,247,977	11,349,000	-285,868	57,746,000	366,097	YTD	
Aug-22	12,697,078	66,945,055	13,224,000	-526,922	70,970,000	426,581	Unaccounted	
Sep-22	12,245,810	79,190,866	12,855,000	-609,190	83,825,000	428,500	as % of Flow	
Average	Oct-22	10,371,973	89,562,839	10,891,000	-519,027	94,716,000	351,323	5.44%
Monthly Use	Nov-22	0	89,562,839	0	0	94,716,000	0	
8,956,284	Dec-22	0	89,562,839	0	0	94,716,000	0	-5,153,161
YEAR TOTAL:	10	89,562,839	Cumulative Metered/Other Use YTD	94,716,000	-5,153,161	Cumulative Unaccounted 3% meter loss	311,195	2,500,507
3 YEAR AVERAGES:	Use	Flow	Daily Flow	3 Year Loss as % of Flow				
	5,831,934 :gal/month	9,573,706 :gal/month	208,660	4.92%				

source: Monthly Water Treatment Plant Report & utility.mdb's

3 yr cumulative flow 316,155,000
3 yr unaccounted -15,552,677

Utilization of Sustainable Annual Water System Capacity

Period start: Nov-21

Period end: Oct-22

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

109.3 million gallons
53.3%

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-15	0.00	Jan-18	0.00	Jan-21	0.00
Feb-15	0.00	Feb-18	0.00	Feb-21	0.00
Mar-15	0.00	Mar-18	8.75	Mar-21	8.25
Apr-15	6.50	Apr-18	8.25	Apr-21	4.30
May-15	0.00	May-18	1.50	May-21	4.30
Jun-15	-13.00	Jun-18	-10.50	Jun-21	-5.50
Jul-15	-29.50	Jul-18	-29.50	Jul-21	-34.00
Aug-15	-42.25	Aug-18	-42.00	Aug-21	-48.00
Sep-15	-49.50	Sep-18	-50.00	Sep-21	-48.00
Oct-15	-54.50	Oct-18	-54.50	Oct-21	-54.50
Nov-15	-17.25	Nov-18	-55.50	Nov-21	-55.00
Dec-15	0.00	Dec-18	-26.00	Dec-21	3.00
Jan-16	0.00	Jan-19	0.00	Jan-22	8.00
Feb-16	0.00	Feb-19	0.00	Feb-22	8.00
Mar-16	0.00	Mar-19	2.75	Mar-22	8.75
Apr-16	6.00	Apr-19	2.75	Apr-22	8.75
May-16	-2.50	May-19	-0.75	May-22	7.75
Jun-16	-11.00	Jun-19	-2.00	Jun-22	3.50
Jul-16	-21.00	Jul-19	-16.00	Jul-22	-5.50
Aug-16	-36.50	Aug-19	-26.25	Aug-22	-19.00
Sep-16	-49.50	Sep-19	-40.00	Sep-22	-34.50
Oct-16	-51.00	Oct-19	-46.25	Oct-22	-43.00
Nov-16	-45.50	Nov-19	-49.75	Nov-22	
Dec-16	-10.35	Dec-19	-49.50	Dec-22	
Jan-17	0.00	Jan-20	-11.00	Jan-23	
Feb-17	0.00	Feb-20	0.00	Feb-23	
Mar-17	2.75	Mar-20	0.00	Mar-23	
Apr-17	9.00	Apr-20	4.00	Apr-23	
May-17	4.75	May-20	0.00	May-23	
Jun-17	-4.00	Jun-20	-0.75	Jun-23	
Jul-17	-19.00	Jul-20	-8.50	Jul-23	
Aug-17	-32.00	Aug-20	-22.50	Aug-23	
Sep-17	-43.00	Sep-20	-34.00	Sep-23	
Oct-17	-50.50	Oct-20	-42.50	Oct-23	
Nov-17	-48.00	Nov-20	-45.25	Nov-23	
Dec-17	-11.50	Dec-20	-28.25	Dec-23	

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	JAN	4.61
FEB	1.01	1.61	2.83	1.78	1.50	1.24	2.74	3.38	1.32	4.22	FEB	2.16
MAR	2.33	0.91	3.70	1.99	2.05	3.30	3.37	3.09	3.63	3.88	MAR	2.83
APR	1.37	2.23	1.49	1.32	2.07	1.47	2.96	1.91	2.70	1.94	APR	1.95
MAY	1.08	1.24	0.78	1.26	1.69	2.09	3.07	1.09	2.20	1.05	MAY	1.56
JUN	1.63	0.56	1.03	1.16	0.35	1.10	0.68	2.60	0.83	0.52	JUN	1.05
JUL	0.70	0.26	1.56	0.21	0.45	0.11	0.84	1.04	0.00	0.36	JUL	0.55
AUG	1.60	0.03	0.64	1.88	0.81	0.72	0.29	0.00	0.95	0.49	AUG	0.74
SEP	0.94	1.15	0.54	0.84	1.58	4.35	0.72	0.12	5.08	1.34	SEP	1.67
OCT	3.50	1.89	2.12	1.83	5.24	1.38	2.29	6.40	1.42	4.00	OCT	3.01
NOV	4.28	10.43	2.32	5.15	6.76	2.94	4.50	3.32	2.49	4.00	NOV	4.62
DEC	2.89	3.74	4.59	3.70	1.80	6.55	1.88	4.79	2.28	3.37	DEC	3.56
Total	26.82	30.92	28.11	23.46	28.12	29.98	29.24	31.20	27.04	28.03	Total	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
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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	4.36	4.49			JAN
FEB	2.95	4.83	2.99	3.80	1.76	5.34	3.41	1.38			FEB
MAR	3.62	2.88	3.27	1.48	0.87	1.25	1.18	2.64			MAR
APR	0.51	0.75	2.20	3.10	1.61	1.38	1.12	2.25			APR
MAY	0.30	0.48	1.61	0.07	1.29	1.49	0.40	1.70			MAY
JUN	0.14	1.22	0.75	0.72	0.61	1.25	0.69	1.70			JUN
JUL	0.36	0.32	0.15	0.18	0.75	0.86	0.00	0.68			JUL
AUG	0.94	0.11	0.11	0.01	0.84	0.68	0.30	0.09			AUG
SEP	1.28	1.40	0.71	1.27	2.74	2.34	3.76	0.01			SEP
OCT	3.53	4.80	4.28	2.23	3.33	3.39	4.34	3.78			OCT
NOV	6.19	3.47	4.32	4.32	2.1	4.68	11.31				NOV
DEC	5.26	4.02	3.83	4.26	3.63	6.81	4.59				DEC
Total	29.05	26.45	25.82	26.54	23.40	36.79	35.46	18.72	0.00	0.00	Total

Cumulative thru

DEC	29.05	26.45	25.82	26.54	23.40	36.79	35.46	18.72	0.00	0.00
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Prevention of Wastewater Facility Overloading

Period start: Oct-21
 Period end: Sep-22

INFLUENT BOD LOADING		AVG. EFFLUENT FLOW		SUSPENDED SOLIDS LOADING	
(pounds per day)		(millions of gallons per day)		(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	Jun-22	Month with highest average flow in period	Nov-21	Month with highest average loading in period	Jan-22
Highest average monthly loading in period (pounds per day)	1,127	Highest average monthly flow in period (millions of gallons per day)	0.5238	Highest average monthly loading in period (pounds per day)	677
% of Design Criteria	70%	% of Design Criteria	76%	% of Design Criteria	61%
exceeds Design Criteria?	No	exceeds Design Criteria?	No	exceeds Design Criteria?	No
Previous month's loading	820	Previous month's flow	0.2146	Previous month's loading	575
Following month's loading	803	Following month's flow	0.4973	Following month's loading	378
exceeds Planning Threshold for 3 consecutive months?	No	exceeds Planning Threshold for 3 consecutive months?	No	exceeds Planning Threshold for 3 consecutive months?	No