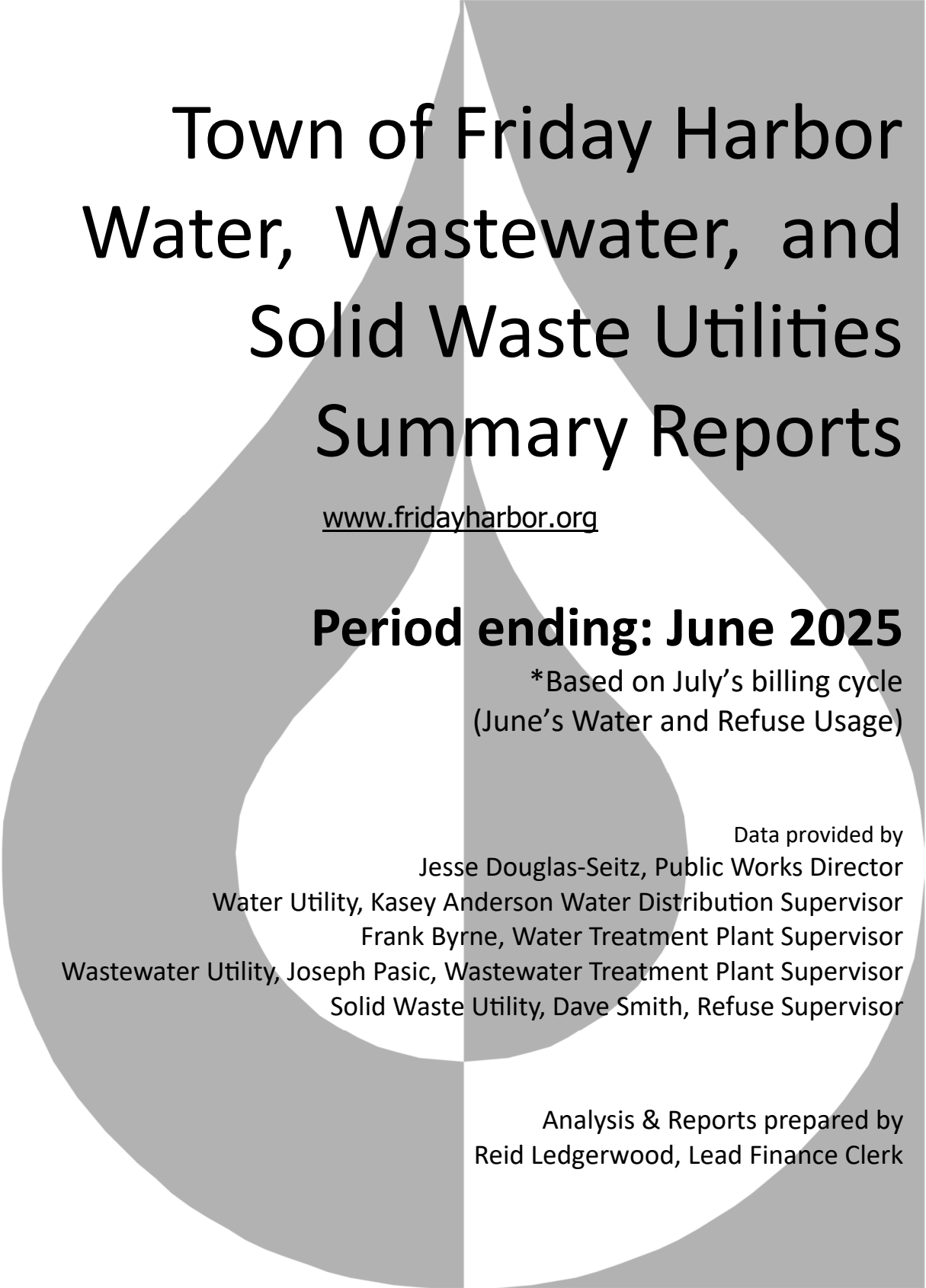




Town of Friday Harbor Water, Wastewater, and Solid Waste Utilities Summary Reports

www.fridayharbor.org

Period ending: June 2025

*Based on July's billing cycle
(June's Water and Refuse Usage)

Data provided by
Jesse Douglas-Seitz, Public Works Director
Water Utility, Kasey Anderson Water Distribution Supervisor
Frank Byrne, Water Treatment Plant Supervisor
Wastewater Utility, Joseph Pasic, Wastewater Treatment Plant Supervisor
Solid Waste Utility, Dave Smith, Refuse Supervisor

Analysis & Reports prepared by
Reid Ledgerwood, Lead Finance Clerk

Water - Use MTD

Water Class	Accounts	Gallons
Com	219	2,187,084
Ind	14	248,561
Mfr	136	1,847,964
PA	82	1,410,193
Sfr	1,028	4,368,359
Spe	3	51,479
Total	1,482	10,113,640

Water - Use MTD by Location

Water Class	Accounts	Gallons
Location: In		
Com	216	2,178,546
Ind	13	245,530
Mfr	131	1,686,152
PA	73	1,129,657
Sfr	668	2,562,424
Spe	2	49,731
	1,103	7,852,040
Location: Out		
Com	3	8,538
Ind	1	3,031
Mfr	5	161,812
PA	9	280,536
Sfr	360	1,805,935
Spe	1	1,748
	379	2,261,600
Total	1,482	10,113,640

Water Use MTD - Accounts with Sewer Connections

Sewer Class	Accounts	Gallons
Location: In		
Com In/hi Strength	42	861,023
Com In/lo Strength	162	1,265,981
Dot In/lo Strength	2	119,647
Ind In/hi Strength	1	33,242
Ind In/lo Strength	10	202,362
Lmf In/lo Strength	1	2,489
Mfr In/low Strength	122	1,282,801
Mhp In/lo Strength	2	331,634
PA In/hi Strength	3	117,517
PA In/lo Strength	46	320,770
Sfr IN Town	641	2,502,203
	1,032	7,039,669
Location: Out		
Low Rate / IN Town	11	31,755
Mfr Out/lo Strength	1	5,424
Sfr Out of Town	4	12,825
UW Out/hi Strength	1	165,463
	17	215,467
Total	1,049	7,255,136

Refuse - Pickups by Class

Class	Pickups
Com	3,459.0
Ind	26.0
Mfr	756.0
PA	198.5
Sfr	2,688.0
Refuse Only	431.0
Total	7,558.5

Refuse - Active Accounts

Refuse Type	Accounts
Cans	882
Cans Low Rate	11
Compactors	4
Large Dumpster	78
Medium Dumpster	55
PA	42
Small Dumpster	45
Total	1,117

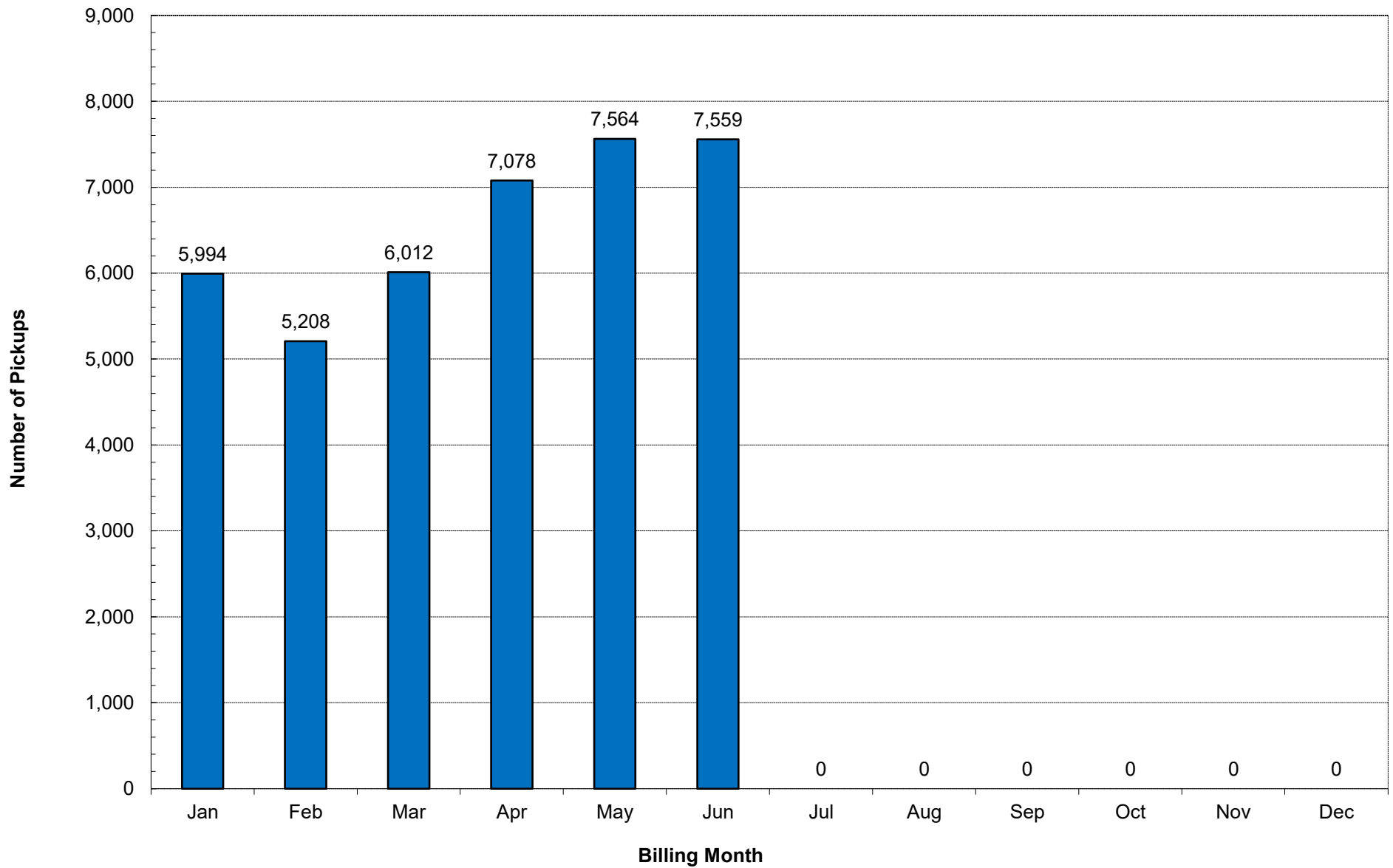
Recycle - Pickups by Class

Class	Pickups
Com	8.0
Ind	7.0
Mfr	96.0
PA	0.0
Sfr	774.0
Refuse Only	19.0
Total	904.0

Refuse Pickups by Account Type - 2025 YTD

Billing Month	SFR	Refuse Only	PA	MFR	IND	COM	Total
Jan	2,397.0	383.0	188.5	647.0	20.0	2,358.5	5,994.0
Feb	1,933.0	335.5	183.0	541.0	19.5	2,196.0	5,208.0
Mar	2,148.0	389.5	209.0	622.0	21.0	2,622.5	6,012.0
Apr	2,685.0	453.0	182.5	674.5	24.0	3,059.0	7,078.0
May	2,651.0	495.0	241.5	702.0	32.5	3,441.5	7,563.5
Jun	2,688.0	431.0	198.5	756.0	26.0	3,459.0	7,558.5
Jul							-
Aug							-
Sep							-
Oct							-
Nov							-
Dec							-
YTD	14,502.0	2,487.0	1,203.0	3,942.5	143.0	17,136.5	39,414.0

Total Refuse Pickups by Month - 2025



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-24	0.00	Jan-27		Jan-30	
Feb-24	0.00	Feb-27		Feb-30	
Mar-24	12.00	Mar-27		Mar-30	
Apr-24	9.00	Apr-27		Apr-30	
May-24	3.50	May-27		May-30	
Jun-24	-3.00	Jun-27		Jun-30	
Jul-24	-17.00	Jul-27		Jul-30	
Aug-24	-26.00	Aug-27		Aug-30	
Sep-24	-33.75	Sep-27		Sep-30	
Oct-24	-35.50	Oct-27		Oct-30	
Nov-24	-22.00	Nov-27		Nov-30	
Dec-24	0.00	Dec-27		Dec-30	
Jan-25	0.00	Jan-28		Jan-31	
Feb-25	0.00	Feb-28		Feb-31	
Mar-25	11.50	Mar-28		Mar-31	
Apr-25	10.79	Apr-28		Apr-31	
May-25	5.00	May-28		May-31	
Jun-25	-5.00	Jun-28		Jun-31	
Jul-25		Jul-28		Jul-31	
Aug-25		Aug-28		Aug-31	
Sep-25		Sep-28		Sep-31	
Oct-25		Oct-28		Oct-31	
Nov-25		Nov-28		Nov-31	
Dec-25		Dec-28		Dec-31	
Jan-26		Jan-29		Jan-32	
Feb-26		Feb-29		Feb-32	
Mar-26		Mar-29		Mar-32	
Apr-26		Apr-29		Apr-32	
May-26		May-29		May-32	
Jun-26		Jun-29		Jun-32	
Jul-26		Jul-29		Jul-32	
Aug-26		Aug-29		Aug-32	
Sep-26		Sep-29		Sep-32	
Oct-26		Oct-29		Oct-32	
Nov-26		Nov-29		Nov-32	
Dec-26		Dec-29		Dec-32	

Flow to Town (Gross Water Production) 2025

Billing Month	Start Date		End Date	Days in Period	Gross Flow to Town
Jan	1-Jan	to	31-Jan	31	7,318,000
Feb	1-Feb	to	28-Feb	28	6,686,000
Mar	1-Mar	to	31-Mar	31	7,598,000
Apr	1-Apr	to	30-Apr	30	7,790,000
May	1-May	to	31-May	31	9,648,000
Jun	1-Jun	to	30-Jun	30	11,276,000
Jul		to		-	-
Aug		to		-	-
Sep		to		-	-
Oct		to		-	-
Nov		to		-	-
Dec		to		-	-
				181	50,316,000

Rainfall - Trout Lake Water Treatment Facility

all figures in inches

	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	average (2005-14)
Jan	1.34										1.34
Feb	2.81										2.81
Mar	3.86										3.86
Apr	0.81										0.81
May	0.93										0.93
Jun	1.58										1.58
Jul											0.00
Aug											0.00
Sep											0.00
Oct											0.00
Nov											0.00
Dec											0.00
Total	11.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.33

Cumulative thru

Jun	11.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	average (2015-Current)
Jan											0.00
Feb											0.00
Mar											0.00
Apr											0.00
May											0.00
Jun											0.00
Jul											0.00
Aug											0.00
Sep											0.00
Oct											0.00
Nov											0.00
Dec											0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Cumulative thru

Jun	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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Net Water Production - 2025

Amounts in Gallons

	Jan	Feb	Mar	Apr	May	Jun
Gross Production	7,318,000	6,686,000	7,598,000	7,790,000	9,648,000	11,276,000
3% meter loss	171,716	156,346	175,559	196,127	246,487	303,409
Flushing	164,100	85,100	122,000	68,500	96,000	61,250
SJC#3 FD use	6,500	5,000	5,000	65,500	5,000	5,000
Leaks	266,000	366,000	507,200	150,751	120,000	250,000
Other non-metered use	-					
Total other uses	(608,316)	(612,446)	(809,759)	(480,878)	(467,487)	(619,659)
Net production	6,709,684	6,073,554	6,788,241	7,309,122	9,180,513	10,656,341

	Jul	Aug	Sep	Oct	Nov	Dec
Gross Production	-	-	-	-	-	-
3% meter loss	-	-	-	-	-	-
Flushing						
SJC#3 FD use						
Leaks						
Other non-metered use						
Total other uses	-	-	-	-	-	-
Net production	-	-	-	-	-	-

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	
		Metered/Other	Use YTD		Unaccounted	3% meter loss	2,869,028	
2024	Jan-24	7,380,857	7,380,857	7,793,000	-412,143	7,793,000	251,387	
	Feb-24	5,905,437	13,286,294	6,510,000	-604,563	14,303,000	232,500	
	Mar-24	6,937,573	20,223,867	7,342,000	-404,427	21,645,000	236,839	
	Apr-24	7,376,216	27,600,082	7,980,000	-603,784	29,625,000	266,000	
	May-24	8,703,752	36,303,834	9,349,000	-645,248	38,974,000	301,581	
	Jun-24	9,914,784	46,218,618	10,422,000	-507,216	49,396,000	347,400	
	Jul-24	13,840,595	60,059,213	14,280,000	-439,405	63,676,000	460,645	
	Aug-24	12,206,278	72,265,491	13,009,000	-802,722	76,685,000	419,645	
	Sep-24	9,246,125	81,511,616	10,164,000	-917,875	86,849,000	338,800	
	Average	Oct-24	7,549,709	89,061,325	7,961,000	-411,291	94,810,000	256,806
Monthly Use	Nov-24	6,882,598	95,943,922	7,412,000	-529,403	102,222,000	247,067	
8,520,962	Dec-24	6,307,625	102,251,548	7,005,000	-697,375	109,227,000	225,968	
Year Total:		12	102,251,548	Cumulative	109,227,000	-6,975,452	Cumulative	298,720
		Metered/Other	Use YTD		Unaccounted	3% meter loss	2,869,028	
2025	Jan-25	6,332,190	6,332,190	7,318,000	-985,810	7,318,000	236,065	
	Feb-25	5,823,982	12,156,172	6,686,000	-862,018	14,004,000	238,786	
	Mar-25	6,661,729	18,817,901	7,598,000	-936,271	21,602,000	245,097	
	Apr-25	7,018,446	25,836,347	7,790,000	-771,554	29,392,000	259,667	
	May-25	8,683,733	34,520,081	9,648,000	-964,267	39,040,000	311,226	
	Jun-25	10,733,299	45,253,380	11,276,000	-542,701	50,316,000	375,867	
	Jul-25	0	45,253,380	0	0	50,316,000	0	
	Aug-25	0	45,253,380	0	0	50,316,000	0	
	Sep-25	0	45,253,380	0	0	50,316,000	0	
	Average	Oct-25	0	45,253,380	0	0	50,316,000	0
Monthly Use	Nov-25	0	45,253,380	0	0	50,316,000	0	
7,542,230	Dec-25	0	45,253,380	0	0	50,316,000	0	
Year Total:		6	45,253,380	Cumulative	50,316,000	-5,062,620	Cumulative	277,784
3 Year Average		Use 8,286,989 gal/month		Flow 8,898,367 gal/month			Daily Flow 290,063	

Utilization of Sustainable Annual Water System Capacity

Period start: Jul-23

Period end: Jun-25

Sustainable Annual Yield (TFH Comprehensive Water System Plan Update, June, 2013, page 3-6)	205 million gallons
Annual use - 12 month period	110 million gallons
percent of Sustainable Annual Yield	54%
Exceeds Sustainable Yield?	No

Finish Water Flow to Town

Source: Water Treatment Facility Monthly Report

Revised reporting period per K. Anderson

Start/end dates may change monthly.

30 Days in reporting period.

June 1, 2025		June 30, 2025	
Day	Flow	Day	Flow
1	249	1	
2	396	2	
3	387	3	
4	400	4	
5	372	5	
6	323	6	
7	469	7	
8	361	8	
9	416	9	
10	424	10	
11	398	11	
12	389	12	
13	322	13	
14	408	14	
15	366	15	
16	386	16	
17	390	17	
18	405	18	
19	413	19	
20	363	20	
21	396	21	
22	335	22	
23	360	23	
24	362	24	
25	335	25	
26	368	26	
27	339	27	
28	371	28	
29	344	29	
30	429	30	
31		31	
30	11,276	0	-

Total Days 30

Total Flow 11,276

1,000's of gallons

TOWN OF FRIDAY HARBOR

Water Consumption By Customer Class

2024	COM	IND	MFR	PA	SFR	Special	Other Uses	TOTAL	% of Use	Avg Daily Use
Jan	1,256,441	74,748	1,751,220	479,558	2,535,257	38,317	184,066	6,319,607	6.6%	203,858
Feb	1,117,694	65,357	1,481,249	458,132	2,265,621	47,735	163,074	5,598,862	5.8%	193,064
Mar	1,333,676	83,625	1,688,576	573,042	2,612,184	36,055	189,815	6,516,973	6.8%	210,225
Apr	1,399,854	103,354	1,671,902	879,576	2,781,353	51,452	206,625	7,094,116	7.4%	236,471
May	1,846,369	116,225	1,793,528	911,576	3,465,636	85,357	246,561	8,465,252	8.8%	273,073
Jun	2,068,276	105,101	1,856,041	1,060,351	3,957,803	118,566	274,984	9,441,122	9.8%	314,704
Jul	2,695,273	160,748	2,202,051	2,474,526	5,493,833	213,564	397,200	13,637,195	14.1%	439,910
Aug	2,605,206	280,775	2,086,734	1,962,972	4,448,076	172,818	346,697	11,903,278	12.3%	383,977
Sep	2,075,768	255,326	1,774,607	1,144,742	3,378,198	6,917	259,067	8,894,625	9.2%	296,487
Oct	1,422,527	245,312	1,684,614	758,860	2,567,586	5,090	200,520	6,884,509	7.1%	222,081
Nov	1,153,987	134,764	1,548,788	485,488	2,382,124	3,099	171,248	5,879,498	6.1%	195,983
Dec	1,112,994	75,521	1,558,723	441,969	2,465,408	2,594	169,716	5,826,925	6.0%	187,965
Total	20,088,065	1,700,856	21,098,033	11,630,792	38,353,079	781,564	2,809,572	96,461,961	100.0%	263,557
Average	1,674,005	141,738	1,758,169	969,233	3,196,090	65,130	234,131	Total Use		96,461,961
								Total Loss		8,038,497
% of Use	20.8%	1.8%	21.9%	12.1%	39.8%	0.8%	2.9%	Flow (Use+Loss)		185,605,921
% of Flow	10.8%	0.9%	11.4%	6.3%	20.7%	0.4%	1.5%	Loss as % of Flow		4.3%

2025	COM	IND	MFR	PA	SFR	Special	Other Uses	TOTAL	% of Use	Avg Daily Use
Jan	1,081,740	86,664	1,598,451	531,907	2,423,824	1,288	608,316	6,332,190	14.0%	204,264
Feb	975,955	72,208	1,468,791	454,741	2,238,960	881	612,446	5,823,982	12.9%	200,827
Mar	1,163,991	85,685	1,597,149	573,481	2,429,379	2,285	809,759	6,661,729	14.7%	214,894
Apr	1,445,207	91,091	1,602,089	727,094	2,666,511	5,576	480,878	7,018,446	15.5%	233,948
May	1,796,739	188,739	1,794,824	900,058	3,479,212	56,674	467,487	8,683,733	19.2%	280,120
Jun	2,187,084	248,561	1,847,964	1,410,193	4,368,359	51,479	619,659	10,733,299	23.7%	357,777
Jul							-	-	0.0%	-
Aug							-	-	0.0%	-
Sep							-	-	0.0%	-
Oct							-	-	0.0%	-
Nov							-	-	0.0%	-
Dec							-	-	0.0%	-
Total	8,650,716	772,948	9,909,268	4,597,474	17,606,245	118,183	3,598,546	45,253,380	100.0%	248,645
Average	1,441,786	128,825	1,651,545	766,246	2,934,374	19,697	299,879	Total Use		45,253,380
								Total Loss		3,771,115
% of Use	19.1%	1.7%	21.9%	10.2%	38.9%	0.3%	8.0%	Flow (Use+Loss)		50,316,000
% of Flow	17.2%	1.5%	19.7%	9.1%	35.0%	0.2%	7.2%	Loss as % of Flow		7.5%

Prevention of Wastewater Facility Overloading

Period start: Jun-24

Period end: May-25

INFLUENT BOD LOADING

(Pounds per Day)

Design Criteria (06/06 NPDES
Permit #WA-002358-2, pg 12,
paragraph S4.A) max.month

1,600

85% Capacity Planning
Threshold (06/06 NPDES
Permit #WA-002358-2, pg 12,
paragraph S4.B.1)

1,360

Month with highest average
loading in period

May-25

Highest average monthly
loading in period

872

% of Design Criteria

55%

Exceeds Design Criteria?

No

Previous month's loading

746

Following month's loading

738

Exceeds Planning Threshold
for 3 consecutive months?

No

AVG. EFFLUENT FLOW

(Millions of Gallons per Day)

Design Criteria (06/06 NPDES
Permit #WA-002358-2, pg 12,
paragraph S4.A) max.month

0.69000

85% Capacity Planning
Threshold (06/06 NPDES
Permit #WA-002358-2, pg 12,
paragraph S4.B.1)

0.58650

Month with highest average
flow in period

Dec-24

Highest average monthly flow
in period

0.3157

% of Design Criteria

46%

Exceeds Design Criteria?

No

Previous month's flow

0.2556

Following month's flow

0.2858

Exceeds Planning Threshold
for 3 consecutive months?

No

SUSPENDED SOLIDS LOADING

(Pounds per Day)

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)

944

Month with highest average
loading in period

Jun-25

Highest average monthly
loading in period

828

% of Design Criteria

75%

Exceeds Design Criteria?

No

Previous month's loading

785

Following month's loading

589

Exceeds Planning Threshold for
3 consecutive months?

No