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

www.fridayharbor.org

Period ending: July 2014

Data provided by
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Wastewater Utility, Don Reitan, Leadman
Solid Waste Utility, Dave Smith, Leadman

Analysis & Reports prepared by
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Utilization of Sustainable Annual Water System Capacity

Period start: Aug-13
Period end: Jul-14

Sustainable Annual Yield (TFH Comprehensive Water System Plan Update, June, 2013, page 3-6)	205 million gallons
Annual use - 12 month period	116.3 million gallons
percent of Sustainable Annual Yield	56.7%
exceeds Sustainable Yield?	**No**

TOWN OF FRIDAY HARBOR

Water Consumption & Production

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

Period		USE (consumption)	Cumulative Use YTD	Flow (production)	Unaccounted over / (under)	Cumulative Flow YTD	Average Daily Flow	
2012	Jan-12	7,182,276		7,256,000	-73,724		234,065	
gallons	Feb-12	8,021,711	15,203,987	7,663,000	358,711	14,919,000	273,679	
	Mar-12	6,202,891	21,406,878	7,448,000	-1,245,109	22,367,000	240,258	
	Apr-12	7,440,103	28,846,981	8,517,000	-1,076,897	30,884,000	283,900	
	May-12	8,498,044	37,345,025	9,568,000	-1,069,956	40,452,000	308,645	
	Jun-12	9,420,805	46,765,830	10,305,000	-884,195	50,757,000	343,500	
	Jul-12	10,956,648	57,722,478	12,202,000	-1,245,352	62,959,000	393,613	YTD
	Aug-12	12,524,121	70,246,599	13,570,000	-1,045,879	76,529,000	437,742	Unaccounted
	Sep-12	12,793,397	83,039,996	13,131,000	-337,603	89,660,000	437,700	as % of Flow
Average	Oct-12	10,599,178	93,639,173	11,169,000	-569,822	100,829,000	360,290	9.23%
Monthly Use	Nov-12	7,822,971	101,462,144	9,187,000	-1,364,029	110,016,000	306,233	
9,013,058	Dec-12	6,694,551	108,156,695	9,136,000	-2,441,449	119,152,000	294,710	-10,995,305
YEAR TOTAL:	12	108,156,695	Cumulative	119,152,000	-10,995,305	Cumulative	326,195	
		Metered/Other	Use YTD		Unaccounted	3% meter loss	2,887,604	
2013	Jan-13	7,610,292		9,735,000	-2,124,708		314,032	
gallons	Feb-13	7,445,324	15,055,616	9,012,000	-1,566,676	18,747,000	321,857	
	Mar-13	6,929,325	21,984,941	7,584,000	-654,675	26,331,000	244,645	
	Apr-13	8,809,104	30,794,046	9,663,000	-853,896	35,994,000	322,100	
	May-13	8,235,664	39,029,710	9,844,000	-1,608,336	45,838,000	317,548	
	Jun-13	9,933,479	48,963,189	11,477,000	-1,543,521	57,315,000	382,567	
	Jul-13	12,491,179	61,454,368	13,933,000	-1,441,821	71,248,000	449,452	YTD
	Aug-13	14,756,005	76,210,374	15,329,000	-572,995	86,577,000	494,484	Unaccounted
	Sep-13	10,915,019	87,125,393	12,791,000	-1,875,981	99,368,000	426,367	as % of Flow
Average	Oct-13	11,134,406	98,259,799	10,188,000	946,406	109,556,000	328,645	9.98%
Monthly Use	Nov-13	8,406,359	106,666,158	9,330,000	-923,641	118,886,000	311,000	
9,582,079	Dec-13	8,318,795	114,984,953	8,853,000	-534,205	127,739,000	285,581	-12,754,047
YEAR TOTAL:	12	114,984,953	Cumulative	127,739,000	-12,754,047	Cumulative	349,856	
		Metered/Other	Use YTD		Unaccounted	3% meter loss	2,754,688	
2014	Jan-14	6,503,233		6,740,000	-236,767		217,419	
gallons	Feb-14	6,450,822	12,954,055	6,689,000	-238,178	13,429,000	238,893	
	Mar-14	5,893,800	18,847,856	6,429,000	-535,200	19,858,000	207,387	
	Apr-14	7,328,888	26,176,744	7,681,000	-352,112	27,539,000	256,033	
	May-14	7,715,702	33,892,446	8,168,000	-452,298	35,707,000	263,484	
	Jun-14	10,361,418	44,253,864	10,768,000	-406,582	46,475,000	358,933	
	Jul-14	11,760,337	56,014,200	13,299,000	-1,538,663	59,774,000	429,000	YTD
	Aug-14	0	56,014,200	0	0	59,774,000	0	Unaccounted
	Sep-14	0	56,014,200	0	0	59,774,000	0	as % of Flow
Average	Oct-14	0	56,014,200	0	0	59,774,000	0	6.29%
Monthly Use	Nov-14	0	56,014,200	0	0	59,774,000	0	
8,002,029	Dec-14	0	56,014,200	0	0	59,774,000	0	-3,759,800
YEAR TOTAL:	7	56,014,200	Cumulative	59,774,000	-3,759,800	Cumulative	281,593	
		Metered/Other	Use YTD		Unaccounted over / (under)	3% meter loss	1,556,561	

3 YEAR AVERAGES:	Use	Flow	Daily Flow	3 Year Loss as % of Flow
	5,295,835 :gal/month	9,892,419 :gal/month	210,483	**8.97%**

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

3 yr cumulative flow	306,665,000
3 yr unaccounted	-27,509,151

WATER CONSUMPTION (Use) BY CUSTOMER CLASS

source: utilTry08 & 13.mdb

2013

CLASS:	COM	IND	MFR	P.A	SFR	Special	other uses	TOTAL	% of Use	Avg.Daily Use
JAN	1,961,730	79,830	1,454,766	607,508	2,585,770	0	920,688	7,610,292	6.6%	245,493
FEB	1,428,410	73,700	1,460,074	532,852	2,254,620	3,086	1,692,582	7,445,324	6.5%	256,735
MAR	1,280,620	78,170	1,318,630	460,410	2,052,830	2,277	1,736,388	6,929,325	6.0%	223,527
APR	1,806,310	136,990	1,447,870	861,630	2,511,200	6,975	2,038,129	8,809,104	7.7%	293,637
MAY	1,784,540	254,360	1,608,280	867,130	2,836,710	9,819	874,825	8,235,664	7.2%	265,667
JUN	2,234,230	238,830	1,665,300	1,131,760	3,427,920	10,969	1,224,470	9,933,479	8.6%	331,116
JUL	2,787,620	248,340	2,012,700	2,179,180	4,452,570	149,667	661,102	12,491,179	10.9%	402,941
AUG	3,573,460	348,970	2,244,630	2,363,170	5,066,929	149,448	1,009,398	14,756,005	12.8%	476,000
SEP	2,654,260	217,040	1,810,880	1,159,820	3,528,901	99,409	1,444,709	10,915,019	9.5%	363,834
OCT	2,057,731	2,075,731	1,498,370	873,160	2,753,330	4,014	1,872,070	11,134,406	9.7%	359,174
NOV	1,747,219	92,300	1,414,600	625,420	2,634,040	4,321	1,888,459	8,406,359	7.3%	280,212
DEC	1,605,274	86,440	1,447,560	461,450	2,720,189	3,160	1,994,722	8,318,795	7.2%	268,348
								114,984,953	100.0%	314,167
TOTAL	24,921,404	3,930,701	19,383,660	12,123,490	36,825,009	443,145	17,357,544	**114,984,953**	:USE for Year	
AVERAGE	2,076,784	327,558	1,615,305	1,010,291	3,068,751	36,929	1,446,462	9,582,079	-12,754,047	:LOSS for Year
% of USE	24.9%	1.7%	21.3%	12.1%	36.8%	0.2%	2.9%	100.0%	196,968,688	:FLOW (Use+Loss)
% of FLOW	12.5%	0.9%	10.7%	6.0%	18.4%	0.1%	1.5%	50.0%	50.0%	Loss as % of Flow

2014

CLASS:	COM	IND	MFR	P.A	SFR	Special	other uses	TOTAL	% of Use	Avg.Daily Use
JAN	1,498,566	83,590	1,419,110	441,560	2,479,624	3,019	577,764	6,503,233	11.6%	209,782
FEB	1,566,210	92,500	1,497,180	448,510	2,604,595	1,512	240,315	6,450,822	11.5%	222,442
MAR	1,479,120	184,470	1,238,310	388,310	2,073,745	4,686	525,159	5,893,800	10.5%	190,123
APR	1,942,230	122,160	1,458,930	702,620	2,582,404	10,965	509,579	7,328,888	13.1%	244,296
MAY	1,946,840	106,160	1,435,920	987,490	2,712,086	13,933	513,273	7,715,702	13.8%	248,894
JUN	2,601,640	144,080	1,756,350	1,351,210	3,865,492	21,063	621,583	10,361,418	18.5%	345,381
JUL	2,870,562	166,160	1,805,880	1,588,660	4,099,267	88,662	1,141,146	11,760,337	21.0%	379,366
AUG							0	0	0.0%	0
SEP							0	0	0.0%	0
OCT							0	0	0.0%	0
NOV							0	0	0.0%	0
DEC							0	0	0.0%	0
								56,014,200	100.0%	262,977
TOTAL	13,905,168	899,120	10,611,680	5,908,360	20,417,213	143,840	4,128,819	**56,014,200**	:USE for Year	
AVERAGE	1,986,453	128,446	1,515,954	844,051	2,916,745	20,549	344,068	4,667,850	-3,759,800	:LOSS for Year
% of USE	24.8%	1.6%	18.9%	10.5%	36.5%	0.3%	7.4%	100.0%	59,774,000	:FLOW (Use+Loss)
% of FLOW	23.3%	1.5%	17.8%	9.9%	34.2%	0.2%	6.9%	93.7%	-6.3%	Loss as % of Flow

Water - use MTD

sourceDate
7 / 2014

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

Water Class	Accounts	Gallons
Spe	3	88,662
Sfr	947	4,099,267
P.A	71	1,588,660
Mfr	111	1,805,880
Ind	16	166,160
Com	219	2,870,562
TOTAL	**1,367**	**10,619,191**

Water - use MTD by Location

sourceDate
7 / 2014

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	87,342
Sfr	595	2,303,860
P.A	65	1,225,760
Mfr	106	1,552,910
Ind	13	149,550
Com	215	2,826,342
	996	8,145,764
Location: Out		
Spe	1	1,320
Sfr	352	1,795,407
P.A	6	362,900
Mfr	5	252,970
Ind	3	16,610
Com	4	44,220
	371	2,473,427
TOTAL	**1,367**	**10,619,191**

Net Water Production - 2014

amounts in gallons

	Jan	Feb	Mar	Apr	May	Jun
Gross Production for billing period from WTP Chemical Weights & Finish Flow to Town Report	6,740,000	6,689,000	6,429,000	7,681,000	8,168,000	10,768,000
3% meter loss	177,764	186,315	161,059	204,579	216,073	292,195
Flushing	195,000	50,000	150,000	250,000	250,000	314,888
SJC#3 FD use	5,000	4,000	5,000	5,000	4,000	14,500
Leaks	200,000		125,000	50,000	43,200	
notes	*Cedar St.*		*Pear Pt. break*	*1st. St. Main Valve*	*Friday Ave.*	
other non-metered use			84,100			
notes			*Spring St. temp service lns*			
Additional water in storage						
notes						
Total other uses	*-577,764*	*-240,315*	*-525,159*	*-509,579*	*-513,273*	*-621,583*
Net production	6,162,236	6,448,685	5,903,841	7,171,421	7,654,727	10,146,417

	Jul	Aug	Sep	Oct	Nov	Dec
Gross Production for billing period from WTP Chemical Weights & Finish Flow to Town Report	13,299,000	0	0	0	0	0
3% meter loss	318,576	0	0	0	0	0
Flushing	305,070					
SJC#3 FD use	17,500					
Leaks	500,000					
notes	*Harbor PL & WWTP*					
other non-metered use						
notes						
notes						
Total other uses	*-1,141,146*	*0*	*0*	*0*	*0*	*0*
Net production	12,157,854	0	0	0	0	0

Flow to Town (Gross Water Production) 2014

reporting (meter reading) period *from WTP Chem. Wts. & Finish Flow to Town Report*			days in period	Gross *flow to Town*	Flow to Town (millions)
21-Dec	*to*	20-Jan	31	6,740,000	6.74
21-Jan	*to*	20-Feb	31	6,689,000	6.69
21-Feb	*to*	20-Mar	28	6,429,000	6.43
21-Mar	*to*	20-Apr	31	7,681,000	7.68
21-Apr	*to*	20-May	30	8,168,000	8.17
21-May	*to*	20-Jun	31	10,768,000	10.77
21-Jun	*to*	20-Jul	30	13,299,000	13.30
21-Jul	*to*	20-Aug	31		
21-Aug	*to*	20-Sep	31		
21-Sep	*to*	20-Oct	30		
21-Oct	*to*	20-Nov	31		
21-Nov	*to*	20-Dec	30		
			365	59,774,000	59.774

Finish Water Flow to Town

source: Water Treatment Facility Monthly Report

day	Previous Month flow (total flow)
21	388
22	358
23	339
24	408
25	421
26	422
27	422
28	352
29	363
30	306
31	
	3,779

day	Current Month flow (total flow)
1	435
2	459
3	443
4	487
5	505
6	392
7	442
8	450
9	525
10	478
11	458
12	494
13	565
14	475
15	423
16	530
17	494
18	538
19	539
20	388
	9,520

TOTAL FLOW

13,299

1,000's gallons

13,299,000 gallons

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-06	0.00		Jan-09	0.50		Jan-12	-1.75
Feb-06	0.00		Feb-09	0.00		Feb-12	0.00
Mar-06	0.00		Mar-09	0.50		Mar-12	0.00
Apr-06	0.00		Apr-09	-0.50		Apr-12	8.00
May-06	-0.05		May-09	-2.00		May-12	0.00
Jun-06	-15.00		Jun-09	-11.25		Jun-12	7.00
Jul-06	-31.00		Jul-09	-26.50		Jul-12	-19.00
Aug-06	-48.00		Aug-09	-29.50		Aug-12	-32.75
Sep-06	-59.50		Sep-09	-51.50		Sep-12	-45.00
Oct-06	-68.00		Oct-09	-54.50		Oct-12	-48.00
Nov-06	-34.00		Nov-09	-10.75		Nov-12	-24.25
Dec-06	0.00		Dec-09	0.00		Dec-12	0.00
Jan-07	0.00		Jan-10	0.00		Jan-13	0.00
Feb-07	-0.75		Feb-10	0.00		Feb-13	0.00
Mar-07	0.00		Mar-10	7.25		Mar-13	0.00
Apr-07	0.00		Apr-10	7.50		Apr-13	8.50
May-07	-0.50		May-10	2.00		May-13	3.75
Jun-07	-9.50		Jun-10	-5.50		Jun-13	-3.75
Jul-07	-24.50		Jul-10	-17.75		Jul-13	-21.00
Aug-07	-39.50		Aug-10	-33.50		Aug-13	-34.25
Sep-07	-50.25		Sep-10	-37.75		Sep-13	-39.25
Oct-07	-56.75		Oct-10	-43.50		Oct-13	-43.50
Nov-07	-60.75		Nov-10	-46.25		Nov-13	-44.75
Dec-07	-47.75		Dec-10	0.00		Dec-13	-26.00
Jan-08	-17.75		Jan-11	1.00		Jan-14	0.00
Feb-08	0.00		Feb-11	0.00		Feb-14	0.00
Mar-08	8.50		Mar-11	0.00		Mar-14	0.00
Apr-08	7.75		Apr-11	9.00		Apr-14	8.25
May-08	1.50		May-11	9.00		May-14	5.00
Jun-08	-9.50		Jun-11	0.25		Jun-14	7.00
Jul-08	-25.25		Jul-11	-9.50		Jul-14	-20.50
Aug-08	-36.00		Aug-11	-24.00		Aug-14	
Sep-08	-47.50		Sep-11	-34.50		Sep-14	
Oct-08	-54.25		Oct-11	-39.75		Oct-14	
Nov-08	-51.00		Nov-11	-38.75		Nov-14	
Dec-08	-36.50		Dec-11	-39.50		Dec-14	

Rainfall - Trout Lake Water Treatment Facility

source: Water Treatment Plant Weather Reports

all figures in inches

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004		average (1995-04)
JAN	1.95	4.47	4.99	4.99	6.24	2.88	3.55	4.81	4.80	3.22	JAN	4.19
FEB	4.51	2.45	2.76	1.78	4.53	1.45	1.96	2.37	1.73	0.09	FEB	2.36
MAR	1.94	0.77	3.56	2.73	1.94	2.02	2.11	2.10	3.21	2.08	MAR	2.25
APR	1.66	3.08	0.94	0.48	1.29	1.28	1.47	1.63	2.71	0.34	APR	1.49
MAY	0.39	2.56	1.27	2.53	0.66	2.82	0.85	1.35	0.62	2.11	MAY	1.52
JUN	0.84	0.51	3.09	0.96	1.94	1.36	1.79	1.07	0.43	0.51	JUN	1.25
JUL	1.30	0.40	1.14	1.34	0.31	0.47	0.59	0.13	0.13	0.57	JUL	0.64
AUG	2.98	0.34	0.03	0.10	1.31	0.41	1.01	0.22	0.10	3.59	AUG	1.01
SEP	0.56	1.66	2.23	0.31	0.26	1.06	1.04	0.64	1.03	2.27	SEP	1.11
OCT	4.04	4.08	5.08	1.37	3.75	2.58	4.05	0.90	9.02	2.44	OCT	3.73
NOV	9.62	3.38	2.34	9.04	4.22	3.42	3.77	1.97	5.40	4.53	NOV	4.77
DEC	4.39	8.09	3.45	6.85	5.29	3.59	5.17	2.39	1.42	3.37	DEC	4.40
Total	34.18	31.79	30.88	32.47	31.74	23.34	27.36	19.58	30.60	25.12	Total	28.71
Cumulative thru **JUL**	**12.59**	**14.24**	**17.75**	**14.80**	**16.91**	**12.28**	**12.32**	**13.46**	**13.63**	**8.92**		

all figures in inches

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		average (2005-10)
JAN	5.49	6.87	6.51	2.34	3.82	4.73	5.90	3.46	4.14	2.86	JAN	4.96
FEB	1.01	1.61	2.83	1.78	1.50	1.24	2.74	3.38	1.32	4.22	FEB	1.66
MAR	2.33	0.91	3.70	1.99	2.05	3.30	3.37	3.09	3.63	3.88	MAR	2.38
APR	1.37	2.23	1.49	1.32	2.07	1.47	2.96	1.91	2.70	1.94	APR	1.66
MAY	1.08	1.24	0.78	1.26	1.69	2.09	3.07	1.09	2.20	1.05	MAY	1.36
JUN	1.63	0.56	1.03	1.16	0.35	1.10	0.68	2.60	0.83	0.52	JUN	0.97
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		AUG	0.95
SEP	0.94	1.15	0.54	0.84	1.58	4.35	0.72	0.12	5.08		SEP	1.57
OCT	3.50	1.89	2.12	1.83	5.24	1.38	2.29	6.40	1.42		OCT	2.66
NOV	4.28	10.43	2.32	5.15	6.76	2.94	4.50	3.32	2.49		NOV	5.31
DEC	2.89	3.74	4.59	3.70	1.80	6.55	1.88	4.79	2.28		DEC	3.88
Total	26.82	30.92	28.11	23.46	28.12	29.98	29.24	31.20	27.04	14.83	Total	27.90
Cumulative thru **JUL**	**13.61**	**13.68**	**17.90**	**10.06**	**11.93**	**14.04**	**19.56**	**16.57**	**14.82**	**14.83**		

Prevention of Wastewater Facility Overloading

Period start: Aug-13
Period end: Jul-14

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	Jul-14
Highest average monthly loading in period (pounds per day)	760
% of Design Criteria	**48%**
exceeds Design Criteria?	**No**
Previous month's loading	630
Following month's loading	0
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	Mar-14
Highest average monthly flow in period (millions of gallons per day)	0.4505
% of Design Criteria	**65%**
exceeds Design Criteria?	**No**
Previous month's flow	0.4082
Following month's flow	0.2508
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	Jul-14
Highest average monthly loading in period (pounds per day)	445
% of Design Criteria	**40%**
exceeds Design Criteria?	**No**
Previous month's loading	371
Following month's loading	0
exceeds Planning Threshold for 3 consecutive months?	**No**

Water use MTD - accounts with sewer

sourceDate
7 / 2014

Sewer Class	Accounts	Gallons
Location: IN		
Sfr IN Town	580	2,282,290
P.A In/lo Strength	41	475,080
P.A In/hi Strength	2	28,280
Mhp In-LO Strength	2	332,500
Mfr In/low Strength	102	1,183,010
Low Rate / IN Town	2	5,220
Lmf In/lo Strength	1	1,920
Ind In/lo Strength	11	145,060
Dot In-LO Strength	3	75,480
Com In/lo Strength	161	1,535,872
Com In/hi Strength	41	1,236,640
	946	7,301,352
Location: Out		
U.W Out-HI Streng	1	318,500
Sfr Out of Town	4	18,370
Mfr Out/lo Strength	1	5,010
	6	341,880
TOTAL	**952**	**7,643,232**

Refuse Pickups - 2014 YTD

Account Type	SFR	Refuse Only	P.A	MFR	IND	COM	Other	Total
Jan	1,008	99	111	315	16	401		1,950
Feb	1,095	114	107	356	18	467		2,157
Mar	954	121	112	327	14	444		1,972
Apr	979	136	127	339	19	497		2,097
May	1,070	153	143	359	17	556		2,298
Jun	1,220	182	176	395	17	630		2,620
Jul	1,065	182	192	350	15	568		2,372
Aug								0
Sep								0
Oct								0
Nov								0
Dec								0
YTD	7,391	987	968	2,441	116	3,563	0	15,466

Refuse - pickups by Class

sourceDate
7 / 2014

Location	Class	Pickups
IN		
	Sfr	1,065
	RefuseOnly	182
	P.A	192
	Mfr	340
	Ind	15
	Com	568
		2,362
Out		
	Mfr	10
		10
	TOTAL	**2,372**

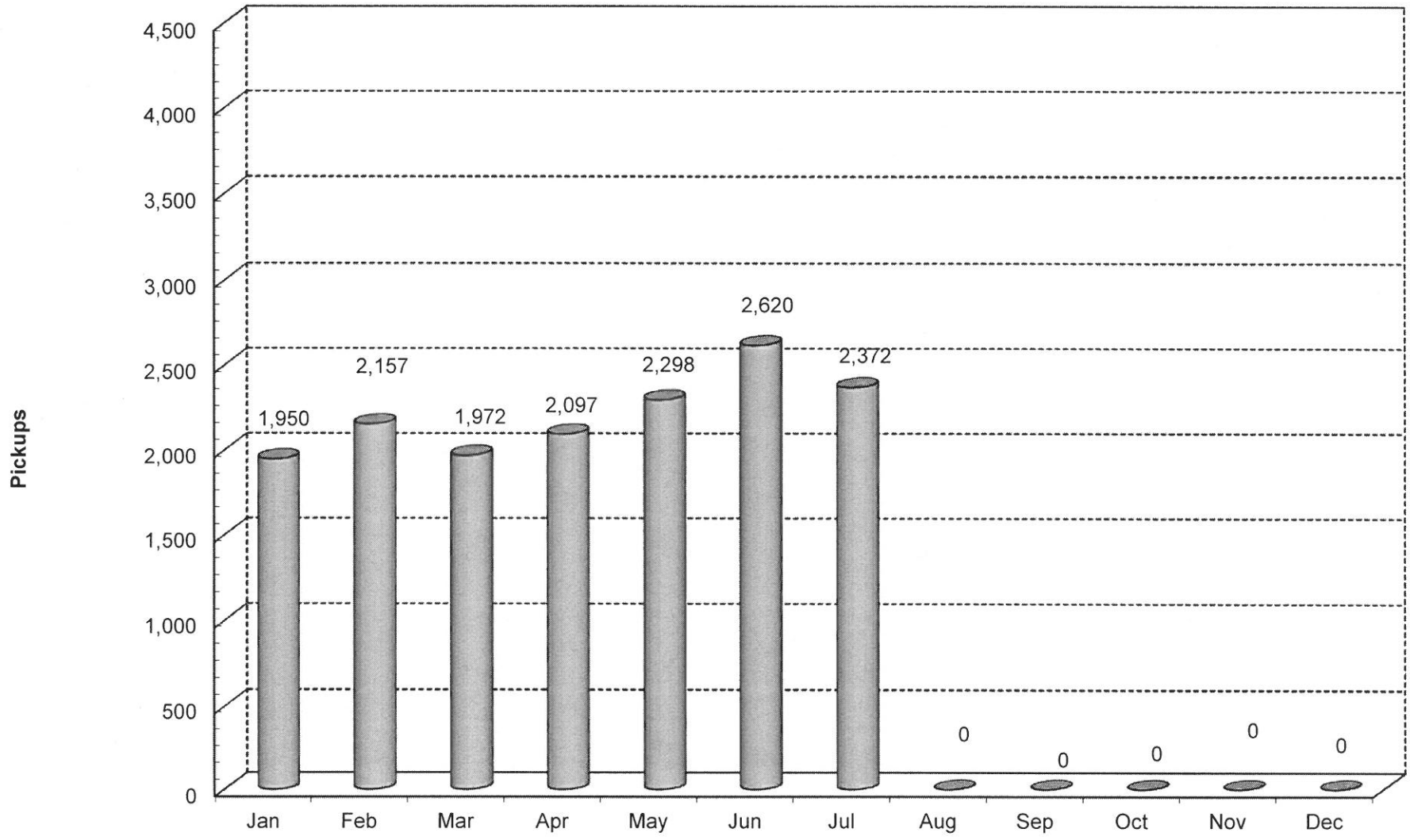
Refuse - active accounts

sourceDate
7 / 2014

Location	Refuse Type	Accounts
IN		
	Small Dumpster	42
	P.A.	36
	Med. Dumpster	50
	Low Rate	2
	Large Dumpster	72
	Compactors	4
	Cans	763
		969
Out		
	Large Dumpster	1
		1
	TOTAL	**970**

Town of Friday Harbor

Refuse Pickups by Month - 2014



Recycle - pickups by Class

sourceDate
7 / 2014

Location	Class	Pickups
IN		
	Sfr	453
	RefuseOnly	11
	P.A	0
	Mfr	17
	Ind	0
	Com	6
		487
Out		
	Mfr	0
		0
	TOTAL	**487**