

MONTH:December

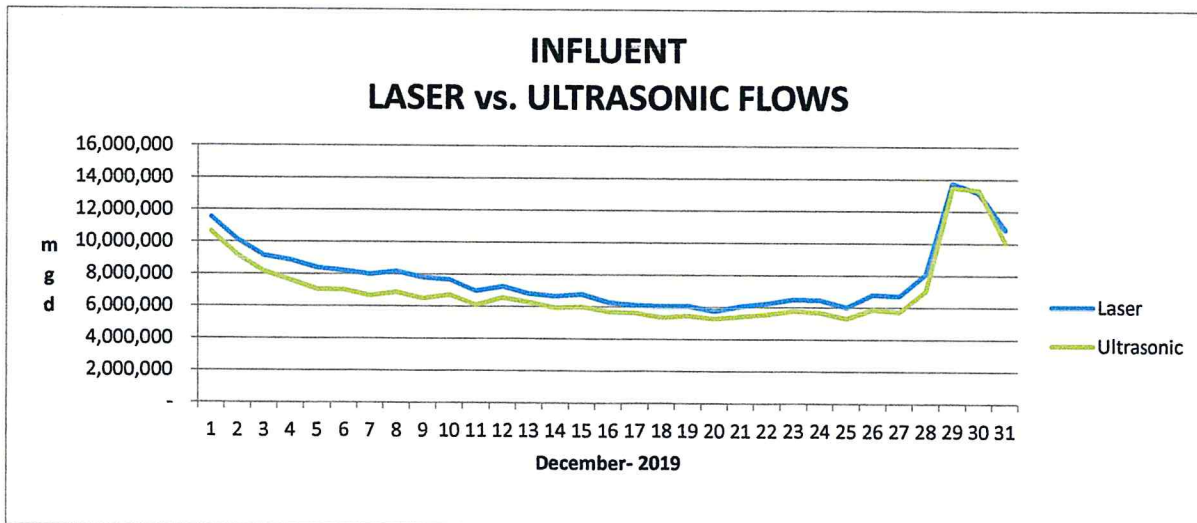
HEADWORKS INFLUENT METERS

DATE	(LASER)	(ULTRASONIC)	% DIFF
	PLANT FLOW GALLONS	PLANT FLOW GALLONS	
1	11,536,000	10,637,000	7.79
2	10,136,000	9,194,000	9.29
3	9,146,000	8,153,000	10.86
4	8,861,000	7,608,000	14.14
5	8,379,000	7,065,000	15.68
6	8,218,000	7,016,000	14.63
7	7,985,000	6,654,000	16.67
8	8,176,000	6,871,000	15.96
9	7,790,000	6,506,000	16.48
10	7,673,000	6,727,000	12.33
11	6,979,000	6,105,000	12.52
12	7,249,000	6,552,000	9.62
13	6,812,000	6,273,000	7.91
14	6,650,000	5,949,000	10.54
15	6,769,000	6,010,000	11.21
16	6,274,000	5,704,000	9.09
17	6,115,000	5,634,000	7.87
18	6,055,000	5,368,000	11.35
19	6,074,000	5,462,000	10.08
20	5,754,000	5,287,000	8.12
21	6,067,000	5,432,000	10.47
22	6,236,000	5,560,000	10.84
23	6,507,000	5,785,000	11.10
24	6,456,000	5,685,000	11.94
25	6,030,000	5,318,000	11.81
26	6,801,000	5,889,000	13.41
27	6,721,000	5,719,000	14.91
28	8,089,000	7,030,000	13.09
29	13,762,000	13,509,000	1.84
30	13,145,000	13,317,000	(1.31)
31	10,873,000	10,078,000	7.31

TOTAL

243,318,000

218,097,000



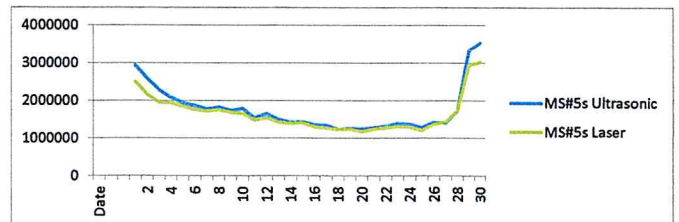
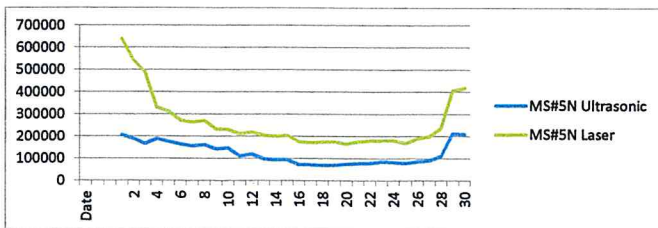
KAUKAUNA-December 2019

Date	MS#5N			Diff
	Ultrasonic		Laser	
	Gallons		Gallons	
1	206,000		639,000	(210.194)
2	188,000		542,000	(188.298)
3	166,000		489,000	(194.578)
4	189,000		330,000	(74.603)
5	175,000		312,000	(78.286)
6	164,000		272,000	(65.854)
7	155,000		264,000	(70.323)
8	161,000		271,000	(68.323)
9	142,000		234,000	(64.789)
10	147,000		231,000	(57.143)
11	111,000		211,000	(90.090)
12	120,000		219,000	(82.500)
13	98,000		205,000	(109.184)
14	93,000		200,000	(115.054)
15	94,000		204,000	(117.021)
16	72,000		176,000	(144.444)
17	72,000		171,000	(137.500)
18	69,000		174,000	(152.174)
19	70,000		175,000	(150.000)
20	75,000		166,000	(121.333)
21	77,000		175,000	(127.273)
22	79,000		180,000	(127.848)
23	86,000		182,000	(111.628)
24	84,000		181,000	(115.476)
25	79,000		169,000	(113.924)
26	87,000		190,000	(118.391)
27	90,000		198,000	(120.000)
28	111,000		238,000	(114.414)
29	213,000		406,000	(90.610)
30	210,000		417,000	(98.571)
31	159,000		345,000	(116.981)
TOTAL	3,842,000		8,166,000	

Date	MS#5s			Diff
	Ultrasonic		Laser	
	Gallons		Gallons	
1	2,937,000		2,502,000	14.811
2	2,581,000		2,161,000	16.273
3	2,288,000		1,950,000	14.773
4	2,084,000		1,946,000	6.622
5	1,936,000		1,841,000	4.907
6	1,868,000		1,771,000	5.193
7	1,772,000		1,721,000	2.878
8	1,830,000		1,762,000	3.716
9	1,734,000		1,687,000	2.710
10	1,792,000		1,661,000	7.310
11	1,541,000		1,491,000	3.245
12	1,654,000		1,549,000	6.348
13	1,500,000		1,427,000	4.867
14	1,422,000		1,393,000	2.039
15	1,437,000		1,418,000	1.322
16	1,360,000		1,311,000	3.603
17	1,343,000		1,277,000	4.914
18	1,244,000		1,244,000	-
19	1,266,000		1,247,000	1.501
20	1,254,000		1,186,000	5.423
21	1,288,000		1,251,000	2.873
22	1,319,000		1,285,000	2.578
23	1,397,000		1,315,000	5.870
24	1,373,000		1,304,000	5.025
25	1,285,000		1,218,000	5.214
26	1,423,000		1,374,000	3.443
27	1,408,000		1,438,000	(2.131)
28	1,730,000		1,731,000	(0.058)
29	3,325,000		2,944,000	11.459
30	3,528,000		3,021,000	14.371
31	2,670,000		2,499,000	6.404
TOTAL	55,589,000		51,925,000	

Avg	Avg		
123,935	Daily	263,419	(114.413)
	DIFF		(139,484)

Avg	Avg		
1,793,194	Daily	1,675,000	5.403
	DIFF		118,194



KIMBERLY-December 2019

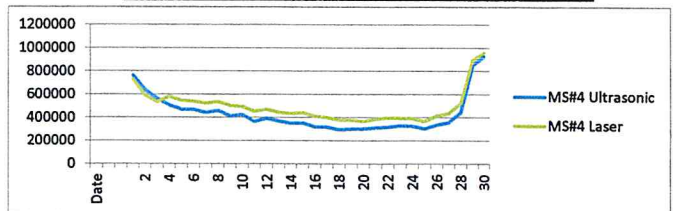
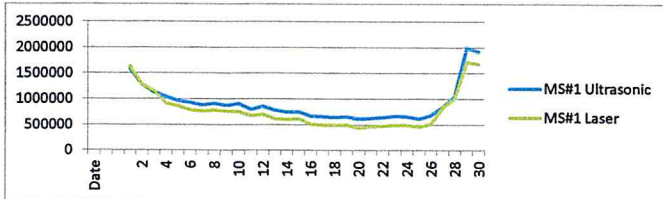
MS#1				
	Ultrasonic		Laser	%
Date	Gallons		Gallons	Diff
1	1,581,000		1,636,000	(3.48)
2	1,277,000		1,282,000	(0.39)
3	1,132,000		1,157,000	(2.21)
4	1,041,000		913,000	12.30
5	966,000		864,000	10.56
6	933,000		787,000	15.65
7	885,000		765,000	13.56
8	914,000		783,000	14.33
9	879,000		766,000	12.86
10	908,000		755,000	16.85
11	798,000		675,000	15.41
12	857,000		701,000	18.20
13	786,000		619,000	21.25
14	745,000		604,000	18.93
15	753,000		615,000	18.33
16	670,000		509,000	24.03
17	661,000		497,000	24.81
18	647,000		494,000	23.65
19	659,000		496,000	24.73
20	613,000		443,000	27.73
21	629,000		467,000	25.76
22	644,000		480,000	25.47
23	674,000		496,000	26.41
24	662,000		492,000	25.68
25	619,000		460,000	25.69
26	686,000		519,000	24.34
27	847,000		839,000	0.94
28	1,042,000		1,009,000	3.17
29	2,002,000		1,717,000	14.24
30	1,923,000		1,680,000	12.64
31	1,455,000		1,389,000	4.54
TOTAL	28,888,000		24,909,000	

COMBINED LOCKS-December 2019

MS#4				
	Ultrasonic		Laser	%
Date	Gallons		Gallons	Diff
1	763,000		730,000	4.325
2	637,000		591,000	7.221
3	564,000		534,000	5.319
4	506,000		580,000	(14.625)
5	469,000		548,000	(16.844)
6	468,000		538,000	(14.957)
7	443,000		522,000	(17.833)
8	458,000		535,000	(16.812)
9	413,000		502,000	(21.550)
10	427,000		494,000	(15.691)
11	366,000		454,000	(24.044)
12	393,000		471,000	(19.847)
13	370,000		444,000	(20.000)
14	351,000		433,000	(23.362)
15	355,000		441,000	(24.225)
16	321,000		411,000	(28.037)
17	318,000		401,000	(26.101)
18	295,000		379,000	(28.475)
19	301,000		380,000	(26.246)
20	304,000		368,000	(21.053)
21	312,000		388,000	(24.359)
22	319,000		399,000	(25.078)
23	332,000		396,000	(19.277)
24	326,000		393,000	(20.552)
25	305,000		367,000	(20.328)
26	338,000		414,000	(22.485)
27	361,000		437,000	(21.053)
28	444,000		526,000	(18.468)
29	852,000		894,000	(4.930)
30	927,000		961,000	(3.668)
31	702,000		795,000	(13.248)
TOTAL	13,740,000		15,726,000	

Avg	Avg	Avg	
931,871	Daily	803,516	16.00
	DIFF		
	128,355		

Avg	Avg	Avg	
443,226	Daily	507,290	(17.299)
	DIFF		
	(64,065)		



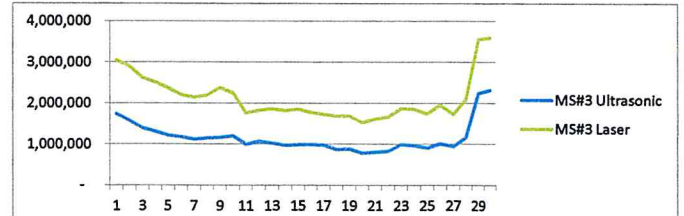
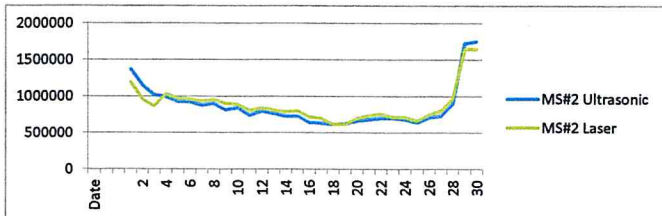
LITTLE CHUTE-December 2019

Date	MS#2		
	Ultrasonic Gallons	Laser Gallons	% Diff
1	1,372,000	1,189,000	13.338
2	1,151,000	959,000	16.681
3	1,020,000	865,000	15.196
4	999,000	1,030,000	(3.103)
5	928,000	973,000	(4.849)
6	922,000	960,000	(4.121)
7	875,000	933,000	(6.629)
8	903,000	955,000	(5.759)
9	815,000	900,000	(10.429)
10	842,000	887,000	(5.344)
11	741,000	805,000	(8.637)
12	796,000	836,000	(5.025)
13	766,000	808,000	(5.483)
14	726,000	789,000	(8.678)
15	733,000	803,000	(9.550)
16	644,000	718,000	(11.491)
17	637,000	699,000	(9.733)
18	616,000	616,000	-
19	626,000	617,000	1.438
20	664,000	699,000	(5.271)
21	683,000	737,000	(7.906)
22	699,000	757,000	(8.298)
23	701,000	717,000	(2.282)
24	689,000	712,000	(3.338)
25	644,000	665,000	(3.261)
26	714,000	750,000	(5.042)
27	730,000	803,000	(10.000)
28	897,000	966,000	(7.692)
29	1,725,000	1,644,000	4.696
30	1,752,000	1,646,000	6.050
31	1,326,000	1,362,000	(2.715)
TOTAL	27,336,000	27,800,000	

Date	MS#3		
	Ultrasonic Gallons	Laser Gallons	% Diff
1	1,739,000	3,040,000	(74.813)
2	1,574,000	2,899,000	(84.180)
3	1,396,000	2,616,000	(87.393)
4	1,311,000	2,507,000	(91.228)
5	1,218,000	2,370,000	(94.581)
6	1,177,000	2,210,000	(87.766)
7	1,116,000	2,148,000	(92.473)
8	1,152,000	2,199,000	(90.885)
9	1,161,000	2,377,000	(104.737)
10	1,200,000	2,248,000	(87.333)
11	997,000	1,760,000	(76.530)
12	1,070,000	1,828,000	(70.841)
13	1,026,000	1,865,000	(81.774)
14	973,000	1,821,000	(87.153)
15	983,000	1,854,000	(88.606)
16	991,000	1,776,000	(79.213)
17	979,000	1,731,000	(76.813)
18	867,000	1,686,000	(94.464)
19	883,000	1,691,000	(91.506)
20	786,000	1,534,000	(95.165)
21	808,000	1,617,000	(100.124)
22	827,000	1,662,000	(100.967)
23	990,000	1,875,000	(89.394)
24	973,000	1,860,000	(91.161)
25	910,000	1,737,000	(90.879)
26	1,008,000	1,960,000	(94.444)
27	947,000	1,736,000	(83.316)
28	1,164,000	2,089,000	(79.467)
29	2,237,000	3,554,000	(58.873)
30	2,317,000	3,595,000	(55.158)
31	1,753,000	2,974,000	(69.652)
TOTAL	36,533,000	66,819,000	

Avg	Avg	Avg	
881,806	Daily	896,774	(3.137)
	DIFF		(14,968)

Avg	Avg	Avg	
1,178,484	Daily	2,155,452	(85.513)
	DIFF		(976,968)



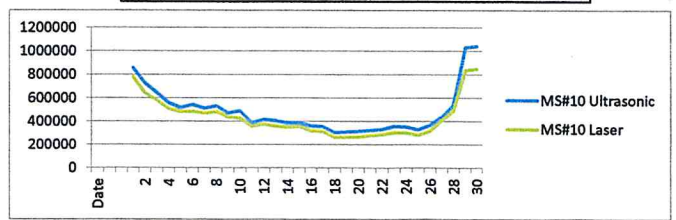
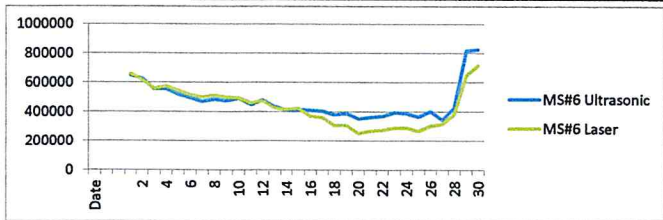
KAUKAUNA-December 2019

Date	MS#6		%
	Ultrasonic Gallons	Laser Gallons	
			Diff
1	652,000	657,000	(0.767)
2	626,000	619,000	1.118
3	556,000	558,000	(0.360)
4	556,000	575,000	(3.417)
5	517,000	544,000	(5.222)
6	495,000	515,000	(4.040)
7	469,000	500,000	(6.610)
8	484,000	512,000	(5.785)
9	474,000	501,000	(5.696)
10	491,000	494,000	(0.611)
11	448,000	459,000	(2.455)
12	481,000	477,000	0.832
13	434,000	425,000	2.074
14	411,000	415,000	(0.973)
15	416,000	423,000	(1.683)
16	410,000	369,000	10.000
17	404,000	360,000	10.891
18	381,000	306,000	19.685
19	388,000	307,000	20.876
20	352,000	254,000	27.841
21	362,000	268,000	25.967
22	370,000	276,000	25.405
23	396,000	291,000	26.515
24	389,000	288,000	25.964
25	364,000	269,000	26.099
26	403,000	304,000	24.566
27	346,000	317,000	8.382
28	425,000	382,000	10.118
29	817,000	650,000	20.441
30	827,000	718,000	13.180
31	626,000	594,000	5.112
TOTAL	14,770,000	13,627,000	

Date	MS#10		%
	Ultrasonic Gallons	Laser Gallons	
			Diff
1	855,000	779,000	8.889
2	728,000	642,000	11.813
3	645,000	580,000	10.078
4	558,000	509,000	8.781
5	518,000	482,000	6.950
6	541,000	484,000	10.536
7	513,000	471,000	8.187
8	530,000	482,000	9.057
9	472,000	435,000	7.839
10	489,000	428,000	12.474
11	388,000	360,000	7.216
12	417,000	374,000	10.312
13	406,000	360,000	11.330
14	385,000	352,000	8.571
15	389,000	358,000	7.969
16	361,000	321,000	11.080
17	357,000	313,000	12.325
18	304,000	264,000	13.158
19	310,000	265,000	14.516
20	316,000	266,000	15.823
21	324,000	281,000	13.272
22	332,000	288,000	13.253
23	359,000	305,000	15.042
24	353,000	302,000	14.448
25	330,000	282,000	14.545
26	366,000	319,000	12.842
27	437,000	408,000	6.636
28	537,000	491,000	8.566
29	1,032,000	836,000	18.992
30	1,043,000	848,000	18.696
31	789,000	701,000	11.153
TOTAL	15,384,000	13,586,000	

Avg	Avg	Avg	
476,452	Daily	439,581	8.627
	DIFF		
	36,871		

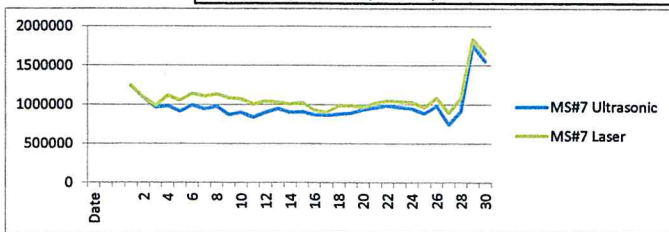
Avg	Avg	Avg	
496,258	Daily	429,500	11.431
	DIFF		
	66,758		



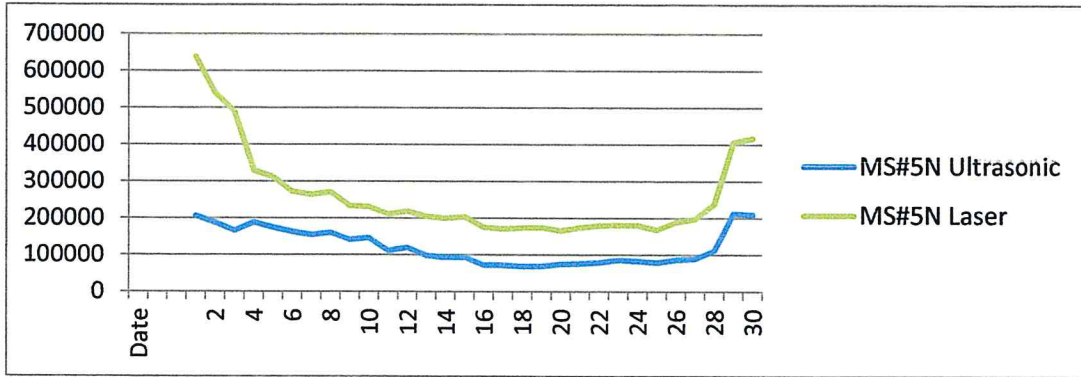
DARBOY-December 2019

Date	MS#7		%
	Ultrasonic Gallons	Laser Gallons	
			Diff
1	1,239,000	1,247,000	(0.646)
2	1,090,000	1,091,000	(0.092)
3	967,000	984,000	(1.758)
4	983,000	1,117,000	(13.632)
5	912,000	1,056,000	(15.789)
6	996,000	1,140,000	(14.458)
7	945,000	1,108,000	(17.249)
8	976,000	1,134,000	(16.189)
9	872,000	1,087,000	(24.656)
10	901,000	1,071,000	(18.868)
11	837,000	1,007,000	(20.311)
12	899,000	1,045,000	(16.240)
13	950,000	1,033,000	(8.737)
14	901,000	1,008,000	(11.876)
15	910,000	1,026,000	(12.747)
16	873,000	927,000	(6.186)
17	863,000	903,000	(4.137)
18	878,000	985,000	(12.187)
19	893,000	989,000	(10.750)
20	937,000	966,000	(3.095)
21	963,000	1,019,000	(5.815)
22	986,000	1,047,000	(6.187)
23	965,000	1,038,000	(7.565)
24	948,000	1,030,000	(8.650)
25	887,000	962,000	(8.455)
26	982,000	1,085,000	(10.489)
27	744,000	896,000	(20.430)
28	915,000	1,079,000	(17.923)
29	1,758,000	1,836,000	(4.437)
30	1,555,000	1,651,000	(6.174)
31	1,177,000	1,365,000	(15.973)
TOTAL	30,702,000	33,932,000	

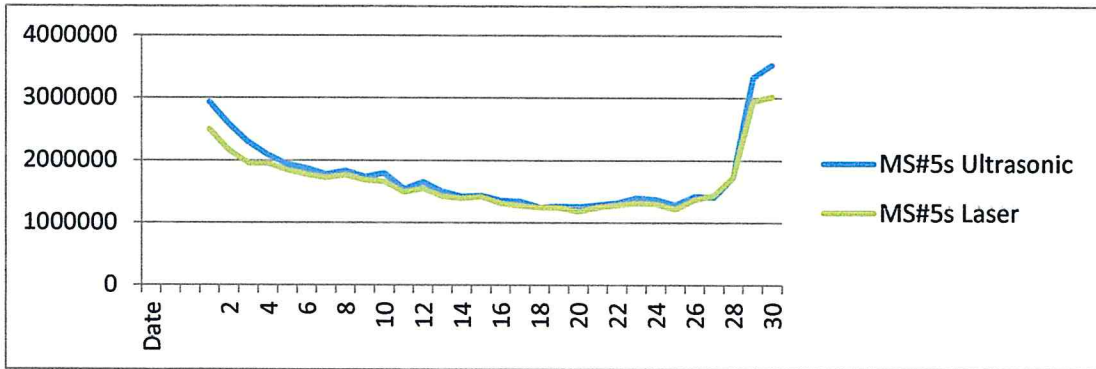
Avg	Avg		
990,387	Daily	1,094,581	(11.191)
	DIFF		
	(104,194)		



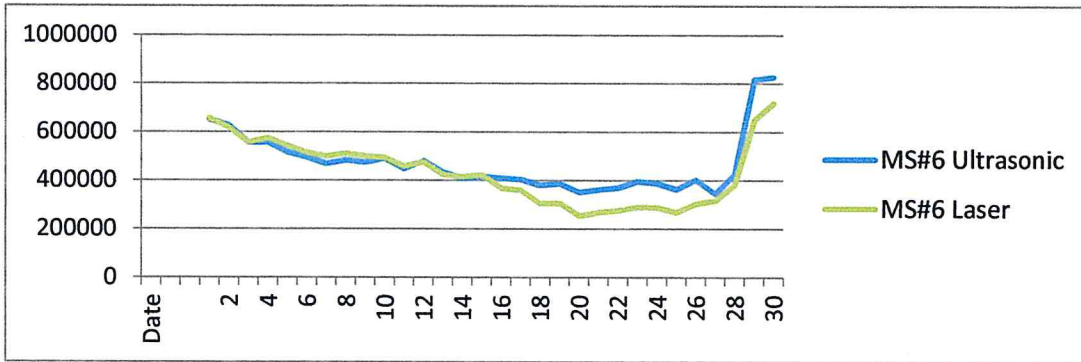
Kaukauna



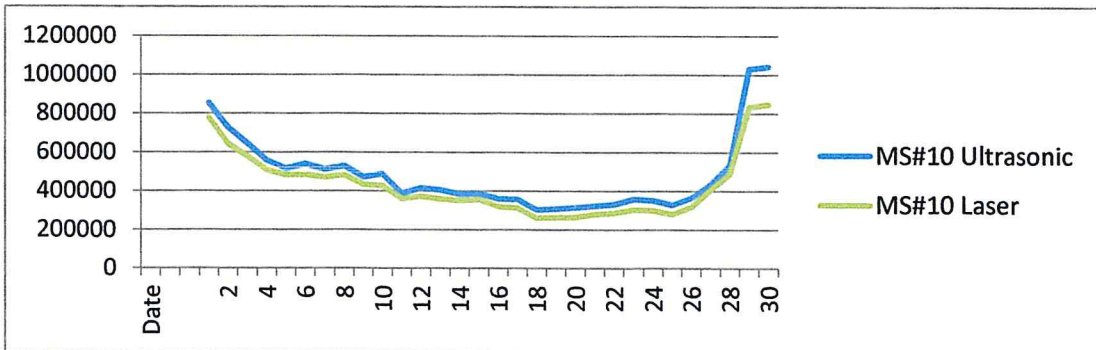
Kaukauna



Kaukauna

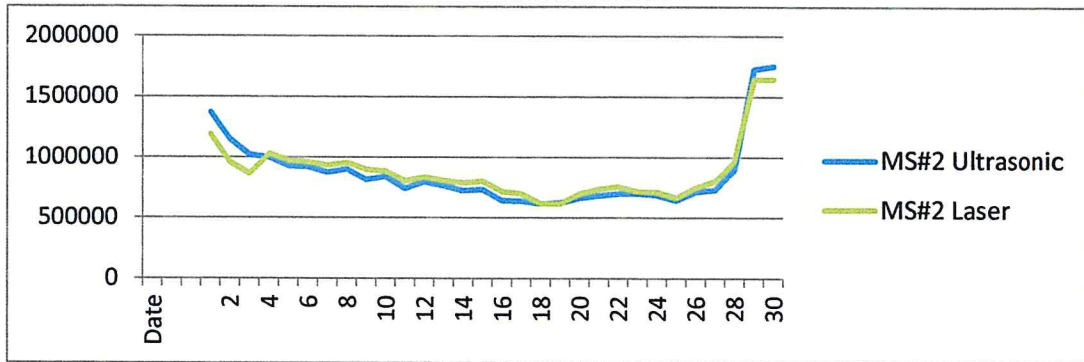


Kaukauna

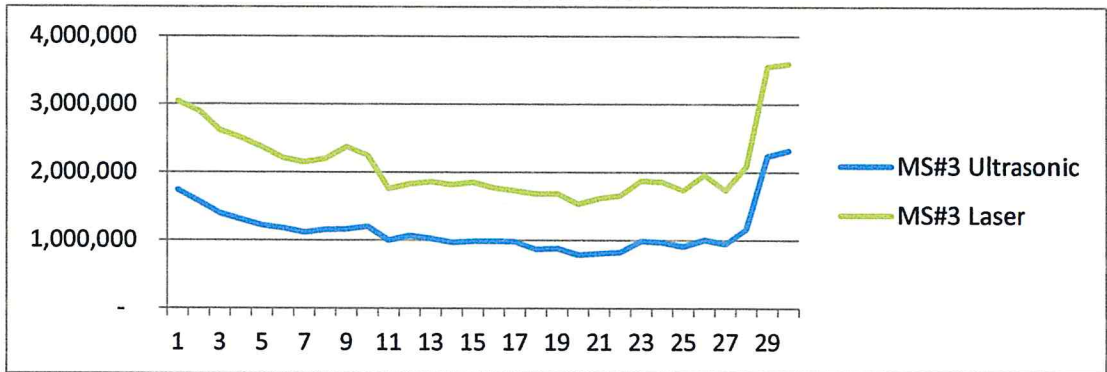


DECEMBER FLOW COMPARISON CHARTS

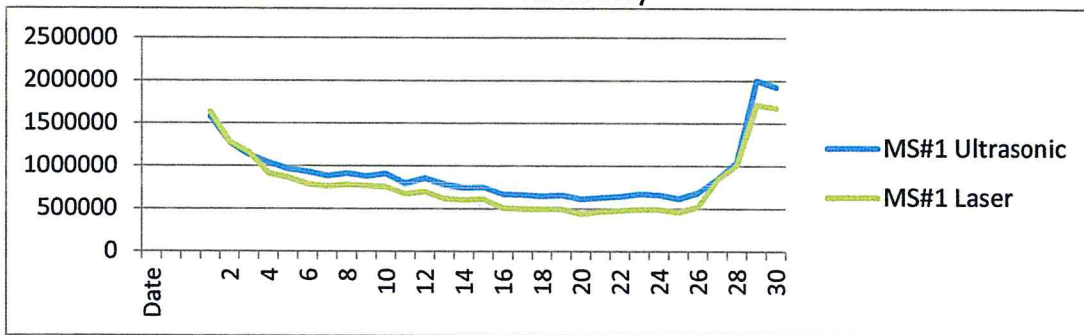
Little Chute



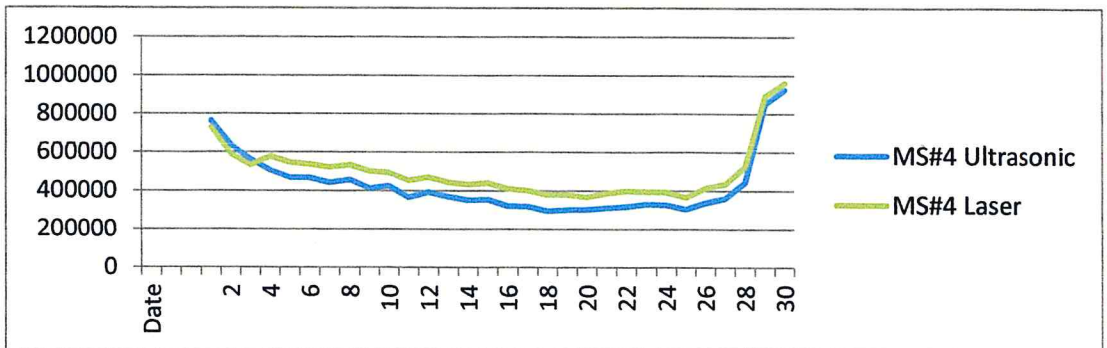
Little Chute



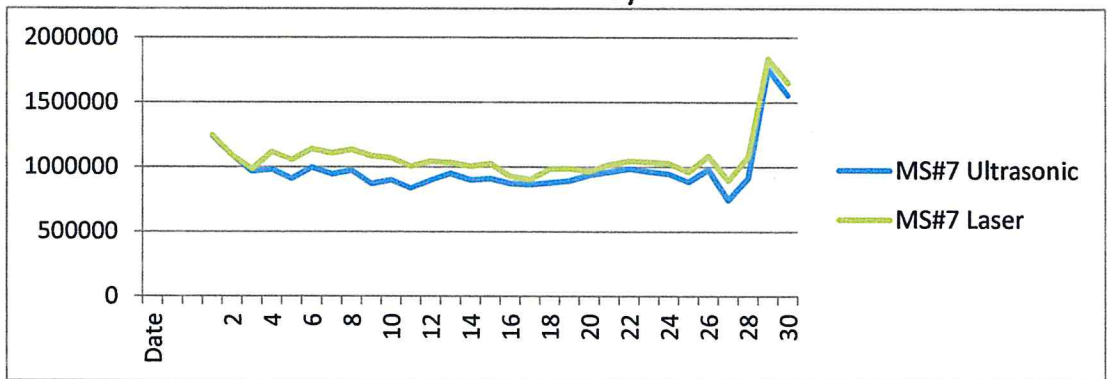
Kimberly



Combined Locks



Darboy



December Total Flows

	Kaukauna	% Diff
Laser	87,304,000	(2.61)
Ultrasonic	89,585,000	

Darboy		
Laser	33,932,000	9.52
Ultrasonic	30,702,000	

Combined Locks		
Laser	15,726,000	12.63
Ultrasonic	13,740,000	

Kimberly		
Laser	24,909,000	(15.97)
Ultrasonic	28,888,000	

Little Chute		
Laser	94,619,000	32.50
Ultrasonic	63,869,000	

November Total Flows

	Kaukauna	% Diff
Laser	82,190,000	(6.85)
Ultrasonic	87,817,000	

Darboy		
Laser	27,601,000	(4.33)
Ultrasonic	28,796,000	

Combined Locks		
Laser	13,075,000	(2.75)
Ultrasonic	13,434,000	

Kimberly		
Laser	26,641,000	(5.24)
Ultrasonic	28,037,000	

Little Chute		
Laser	89,267,000	34.59
Ultrasonic	58,389,000	