

NORTH SHORE WATER COMMISSION
 Monthly Summary of Operations
 Month of November, 2017
 Revised 1/4/2018

	WFB.	GLE.	FPT.	MEQ	Totals
M.G. Metered at Plant	26.688	38.948	25.073	0.000	90.709
M.G. Milwaukee Interconnect	0.000	0.000	0.000	0.000	0.000
M.G. Metered in System	1.093	3.301	-10.766	6.372	0.000
M.G. Charged to Members	27.781	42.249	14.307	0.000	84.337
M.G. Charged to All Users	27.781	42.249	14.307	6.372	90.709
M.G. Same Month Last Year (Members)	29.816	42.706	14.646	6.563	87.168
M.G. Same Month Last Year (All)	29.816	42.706	14.646	6.563	93.731
Accumulated M.G.	345.758	550.067	181.013	77.270	1154.108
Accumulated M.G. Last Year	347.865	577.919	193.428	80.316	1199.528
Accumulated % of Total Pumped	29.96%	47.66%	15.68%	6.70%	100.00%
Monthly % of Total Pumped	30.63%	46.58%	15.77%	7.02%	100.00%
Accumulated % Pumped of Members	32.11%	51.08%	16.81%		100.00%
Monthly % Pumped of Members	32.94%	50.10%	16.96%		100.00%
Average Daily Pumpage in M.G.	0.926	1.408	0.477	0.212	3.024

	Nov. 2017	Nov. 2016
Maximum Day Pumpage (MG)	3.421	3.656
Date of Max. Pumpage (Day)	21	30
Maximum Flow Rate (MGD)	7.255	6.303
Date of Max Flow (Day)	6	29
Hour of Max Flow (24 Hour Clock)	6	18
Average Station Pressure (PSI)	83.5	83.5
Avg. Total Cl Residual (mg/L) - Tap	2.76	2.75
Raw Water Temperature (F) - Max	46	53
Raw Water Temperature (F) - Ave	43	48
Raw Water Temperature (F) - Min	41	42
Tap Hardness (mg/L as CaCO3) - Max	150	140
Tap Hardness (mg/L as CaCO3) - Ave	137	135
Tap Hardness (mg/L as CaCO3) - Min	132	130

	Nov. 2017	Nov. 2016
Bender On-Peak Consumption (KWH)	49,862	55,751
Bender Off-Peak Consumption (KWH)	102,563	103,108
Klode On-Peak Consumption (KWH)	14,938	14,744
Klode Off-Peak Consumption (KWH)	28,906	29,682
Electrical Charge / KWH	\$0.08782	\$0.08783
KWH / M.G.	2,164	2,169
\$ / M.G.	\$190.01	\$190.48

	Nov. 2017		Nov. 2016	
Chemicals Applied	mg/L	\$/MG	mg/L	\$/MG
Ammonium Hydroxide (act. lbs)	0.766	\$8.07	0.737	\$8.09
Sodium Hypochlorite (act. lbs)	3.773	\$18.13	3.990	\$19.27
Fluoride (act. lbs)	0.745	\$5.43	0.816	\$6.53
Alum (scale lbs)	9.981	\$4.57	10.575	\$7.31
Mussel Control (scale lbs)	0.000	\$0.00	0.034	\$0.32
Phosphates (scale lbs)	2.550	\$9.35	2.360	\$9.22
Cationic Polymer (scale lbs)	0.828	\$4.49	1.045	\$7.31
Total Chemical Cost		\$50.04		\$58.05

	Nov. 2017		Nov. 2016	
Water Metering	M.G.	% Diff.	M.G.	% Diff.
Corrected High Service (Filters)	91.570	0.9	93.320	-0.4
Total High Service	100.493	10.8	97.965	4.5
Communities	90.709	0.0	93.731	0.0