

NORTH SHORE WATER COMMISSION
 Monthly Summary of Operations
 Month of March, 2018
 4/9/2018

	WFB.	GLE.	FPT.	MEQ	Totals
M.G. Metered at Plant	26.822	40.740	25.223	0.000	92.785
M.G. Milwaukee Interconnect	0.000	0.000	0.000	0.000	0.000
M.G. Metered in System	0.284	4.564	-11.481	6.633	0.000
M.G. Charged to Members	27.106	45.304	13.742	0.000	86.152
M.G. Charged to All Users	27.106	45.304	13.742	6.633	92.785
M.G. Same Month Last Year (Members)	27.857	44.759	13.239	6.885	85.855
M.G. Same Month Last Year (All)	27.857	44.759	13.239	6.885	92.740
Accumulated M.G.	85.047	132.049	43.613	19.418	280.127
Accumulated M.G. Last Year	85.080	138.942	41.333	20.172	285.527
Accumulated % of Total Pumped	30.36%	47.14%	15.57%	6.93%	100.00%
Monthly % of Total Pumped	29.21%	48.83%	14.81%	7.15%	100.00%
Accumulated % Pumped of Members	32.62%	50.65%	16.73%		100.00%
Monthly % Pumped of Members	31.46%	52.59%	15.95%		100.00%
Average Daily Pumpage in M.G.	0.874	1.461	0.443	0.214	2.993

	Mar. 2018	Mar. 2017
Maximum Day Pumpage (MG)	3.293	3.355
Date of Max. Pumpage (Day)	6	9
Maximum Flow Rate (MGD)	6.578	5.001
Date of Max Flow (Day)	13	29
Hour of Max Flow (24 Hour Clock)	12	22
Average Station Pressure (PSI)	83.4	83.5
Avg. Total Cl Residual (mg/L) - Tap	2.78	2.57
Raw Water Temperature (F) - Max	37	38
Raw Water Temperature (F) - Ave	36	36
Raw Water Temperature (F) - Min	34	35
Tap Hardness (mg/L as CaCO3) - Max	145	155
Tap Hardness (mg/L as CaCO3) - Ave	138	140
Tap Hardness (mg/L as CaCO3) - Min	130	132

	Mar. 2018	Mar. 2017
Bender On-Peak Consumption (KWH)	52,070	54,027
Bender Off-Peak Consumption (KWH)	104,811	98,805
Klode On-Peak Consumption (KWH)	14,550	13,968
Klode Off-Peak Consumption (KWH)	25,026	24,638
Electrical Charge / KWH	\$0.08657	\$0.0885
KWH / M.G.	2,117	2,064
\$ / M.G.	\$183.29	\$182.68

	Mar. 2018		Mar. 2017	
Chemicals Applied	mg/L	\$/MG	mg/L	\$/MG
Ammonium Hydroxide (act. lbs)	0.802	\$8.46	0.657	\$6.91
Sodium Hypochlorite (act. lbs)	3.442	\$16.82	3.200	\$15.38
Fluoride (act. lbs)	0.712	\$5.21	0.790	\$6.32
Alum (scale lbs)	19.678	\$8.46	12.426	\$7.59
Mussel Control (scale lbs)	0.000	\$0.00	0.000	\$0.00
Phosphates (act lbs)	0.814	\$9.34	0.735	\$8.43
Cationic Polymer (scale lbs)	1.168	\$6.34	0.493	\$2.67
Total Chemical Cost		\$54.63		\$47.30

	Mar. 2018		Mar. 2017	
Water Metering	M.G.	% Diff.	M.G.	% Diff.
Corrected High Service (Filters)	91.776	-1.1	92.830	0.1
Communities	92.785		92.740	