

NORTH SHORE WATER COMMISSION  
 Monthly Summary of Operations  
 Month of February, 2018  
 3/8/2018 - REVISED

	WFB.	GLE.	FPT.	MEQ	Totals
M.G. Metered at Plant	25.745	37.121	24.069	0.000	86.935
M.G. Milwaukee Interconnect	0.000	0.000	0.000	0.000	0.000
M.G. Metered in System	1.025	3.416	-10.386	5.945	0.000
M.G. Charged to Members	26.770	40.537	13.683	0.000	80.990
M.G. Charged to All Users	26.770	40.537	13.683	5.945	86.935
M.G. Same Month Last Year (Members)	25.994	43.475	13.327	6.118	82.796
M.G. Same Month Last Year (All)	25.994	43.475	13.327	6.118	88.914
Accumulated M.G.	57.941	86.745	29.871	12.785	187.342
Accumulated M.G. Last Year	57.223	94.183	28.094	13.287	192.787
Accumulated % of Total Pumped	30.93%	46.30%	15.94%	6.82%	100.00%
Monthly % of Total Pumped	30.79%	46.63%	15.74%	6.84%	100.00%
Accumulated % Pumped of Members	33.19%	49.69%	17.11%		100.00%
Monthly % Pumped of Members	33.05%	50.05%	16.89%		100.00%
Average Daily Pumpage in M.G.	0.956	1.448	0.489	0.212	3.105

	Feb. 2018	Feb. 2017
Maximum Day Pumpage (MG)	3.293	3.620
Date of Max. Pumpage (Day)	6	7
Maximum Flow Rate (MGD)	6.578	5.119
Date of Max Flow (Day)	13	7
Hour of Max Flow (24 Hour Clock)	12	2
Average Station Pressure (PSI)	83.5	83.5
Avg. Total Cl Residual (mg/L) - Tap	2.78	2.51
Raw Water Temperature (F) - Max	34	37
Raw Water Temperature (F) - Ave	33	35
Raw Water Temperature (F) - Min	32	34
Tap Hardness (mg/L as CaCO3) - Max	150	139
Tap Hardness (mg/L as CaCO3) - Ave	139	136
Tap Hardness (mg/L as CaCO3) - Min	130	130

	Feb. 2018	Feb. 2017
Bender On-Peak Consumption (KWH)	47,542	50,883
Bender Off-Peak Consumption (KWH)	96,309	94,234
Klode On-Peak Consumption (KWH)	14,162	13,386
Klode Off-Peak Consumption (KWH)	24,444	23,668
Electrical Charge / KWH	\$0.08925	\$0.08982
KWH / M.G.	2,099	2,049
\$ / M.G.	\$187.31	\$184.02

	Feb. 2018		Feb. 2017	
Chemicals Applied	mg/L	\$/MG	mg/L	\$/MG
Ammonium Hydroxide (act. lbs)	0.751	\$7.92	0.637	\$6.70
Sodium Hypochlorite (act. lbs)	3.308	\$16.09	3.107	\$14.93
Fluoride (act. lbs)	0.751	\$5.48	0.789	\$6.31
Alum (scale lbs)	8.577	\$7.92	7.644	\$5.29
Mussel Control (scale lbs)	0.000	\$0.00	0.000	\$0.00
Phosphates (act lbs)	0.815	\$9.36	0.739	\$8.47
Cationic Polymer (scale lbs)	0.960	\$5.21	0.104	\$0.66
Total Chemical Cost		\$51.98		\$42.36

	Feb. 2018		Feb. 2017	
Water Metering	M.G.	% Diff.	M.G.	% Diff.
Corrected High Service (Filters)	85.122	-2.1	88.983	0.1
Communities	86.935		88.914	