

NORTH SHORE WATER COMMISSION  
 Monthly Summary of Operations  
 Month of January, 2018  
 2/8/2018

	WFB.	GLE.	FPT.	MEQ	Totals
M.G. Metered at Plant	29.740	42.690	27.977	0.000	100.407
M.G. Milwaukee Interconnect	0.000	0.000	0.000	0.000	0.000
M.G. Metered in System	1.431	3.518	-11.789	6.840	0.000
M.G. Charged to Members	31.171	46.208	16.188	0.000	93.567
M.G. Charged to All Users	31.171	46.208	16.188	6.840	100.407
M.G. Same Month Last Year (Members)	31.229	50.708	14.767	7.169	96.704
M.G. Same Month Last Year (All)	31.229	50.708	14.767	7.169	103.873
Accumulated M.G.	31.171	46.208	16.188	6.840	100.407
Accumulated M.G. Last Year	31.229	50.708	14.767	7.169	103.873
Accumulated % of Total Pumped	31.04%	46.02%	16.12%	6.81%	100.00%
Monthly % of Total Pumped	31.04%	46.02%	16.12%	6.81%	100.00%
Accumulated % Pumped of Members	33.31%	49.38%	17.30%		100.00%
Monthly % Pumped of Members	33.31%	49.38%	17.30%		100.00%
Average Daily Pumpage in M.G.	1.006	1.491	0.522	0.221	3.239

	Jan. 2018	Jan. 2017
Maximum Day Pumpage (MG)	3.644	3.869
Date of Max. Pumpage (Day)	8	9
Maximum Flow Rate (MGD)	6.328	5.729
Date of Max Flow (Day)	12	9
Hour of Max Flow (24 Hour Clock)	6	22
Average Station Pressure (PSI)	83.5	83.5
Avg. Total Cl Residual (mg/L) - Tap	2.79	2.54
Raw Water Temperature (F) - Max	33	36
Raw Water Temperature (F) - Ave	33	34
Raw Water Temperature (F) - Min	32	33
Tap Hardness (mg/L as CaCO3) - Max	150	140
Tap Hardness (mg/L as CaCO3) - Ave	138	137
Tap Hardness (mg/L as CaCO3) - Min	132	130

	Jan. 2018	Jan. 2017
Bender On-Peak Consumption (KWH)	53,809	56,010
Bender Off-Peak Consumption (KWH)	108,721	110,563
Klode On-Peak Consumption (KWH)	14,938	15,132
Klode Off-Peak Consumption (KWH)	28,518	28,518
Electrical Charge / KWH	\$0.08588	\$0.08561
KWH / M.G.	2,052	2,024
\$ / M.G.	\$176.19	\$173.26

	Jan. 2018		Jan. 2017	
Chemicals Applied	mg/L	\$/MG	mg/L	\$/MG
Ammonium Hydroxide (act. lbs)	0.758	\$7.99	0.640	\$6.81
Sodium Hypochlorite (act. lbs)	3.465	\$16.80	3.127	\$15.03
Fluoride (act. lbs)	0.768	\$5.61	0.799	\$6.39
Alum (scale lbs)	15.566	\$7.15	7.755	\$5.36
Mussel Control (scale lbs)	0.003	\$0.02	0.000	\$0.00
Phosphates (act lbs)	0.814	\$9.31	0.760	\$8.85
Cationic Polymer (scale lbs)	0.919	\$4.99	0.395	\$2.50
Total Chemical Cost		\$51.88		\$44.94

	Jan. 2018		Jan. 2017	
Water Metering	M.G.	% Diff.	M.G.	% Diff.
Corrected High Service (Filters)	98.956	-1.4	104.770	0.9
Communities	100.407	0.0	103.873	0.0