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 November, 8 2017
 Mark Desotell, Mayor, & City Council Members
 700 Edison Street
 Antigo, WI 54409

Water and Waste Water Reports for September 2017

Routine and preventative maintenance was performed as required on the equipment at the facilities. Other maintenance activities during the month are as followed. The wastewater and water treatment plants are operated and maintained per EPA & DNR requirements.

Wastewater Plant:

1. Maintenance on equipment and buildings continues.

Operating Data Summary:

Monthly Flow	47.606	MG
Average Daily Flow	1.587	MGD
Average Influent BOD	153	mg/L
Average Influent Total Suspended Solids	168	mg/L
Average Effluent BOD (Permit : 15 mg/L)	<2.0	mg/L
Average Effluent Total Suspended Solids	<2.0	mg/L
Average Effluent Ammonia Nitrogen	0.07	mg/L
Average Effluent Phosphorus	0.442	mg/L
Average KWH/Day of Electricity	4,107	KWH

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The water plant is operated and maintained per EPA & DNR requirements

Water Plant:

1. Routine Maintenance continues.

Operating Data Summary:

Average Fluoride	0.74	P.P.M.
Total Gallons of Water Softened	28.305	M.G.
Average Daily Treated Flow	0.944	MGD
Total Lime Used	51,804	Lbs.
Total Sodium Hypochlorite Used	2,136	Lbs.
Fluoride Used	925	Lbs.
Total Sodium Aluminate Used	192	Lbs.
Aqua Hawk 307 (Conditioner)	29	Lbs.
Average Iron for Finished Water	0.00	mg/L
Average Hardness (CaCO ₃) for Finished Water	124	mg/L
Well 15 Pumpage (Country Well)	5.136	Gallons
Well 18 Pumpage (Country Well)	4.947	Gallons
Well 19 Pumpage (Country Well)	9.629	Gallons
Well 20 Pumpage (Country Well)	9.967	Gallons

If you have any questions, please feel free to call me at 627-2710.

Sincerely,

Tommy Horswill
 Project Manager, Infrastructure Alternatives