



City of Ewart
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6 - 3 H.P. Turbine Units Installed Jan. 2013
Replacing 6 - 20 H.P. Prop Style Aerators

	2012	2013
JANUARY	\$ 10,329.78	\$ 6,634.67
FEBRUARY	\$ 11,931.64	\$ 6,715.13
MARCH		\$ 6,090.34
APRIL	\$ 10,665.01	\$ 6,179.35
MAY	\$ 10,560.34	\$ 6,229.88
JUNE	\$ 9,767.05	\$ 6,395.12
JULY	\$ 9,283.85	\$ 7,744.36
AUGUST	\$ 11,276.39	\$ 6,948.69
SEPTEMBER	\$ 10,634.05	\$ 5,127.48
OCTOBER		
NOVEMBER	\$ 10,217.72	
DECEMBER	\$ 5,653.62	
TOTAL	\$ 100,319.45	\$ 58,065.02

6 Units
Partial Units Installed
All Units Replaced
with VaraCorp
Turbine Aerators
Total of 19 Units

Previous Year
Electric Bill

13 - 3 H.P. Turbine Units Installed Sept. 2013 Replacing 13 -
20 H.P. Prop Style Aerators (Electric Bill Reduced Over 50% &
Increasing Dissolved Oxygen from 4-5 to 5-7ppm)

*Electric savings for Ewart Mi.
First full billing month with all
units installed was September
2013.*

Buck is the Ewart, Michigan PW director. He stated that a year and a half ago they were faced with deep cuts and they needed to find away to reduce costs. They replaced 20HP surface aerators similar with 3 HP units in kind, not HP for HP. They recognized a 50% reduction in electrical costs and an increase in dissolved oxygen from 4-5 to 5-7. The city is happy with the aerator performance and they have no regrets for doing the switch.