

Osceola Township Water Supply Cost Calculation

Electrical Use Cost:

<u>T.C. users</u>	<u>Unit</u>	<u>Pump Rate</u>	<u>Pump</u>	<u>Cost</u>	<u>Cost</u>	<u>Cost</u>	
	per 1,000 gal	gpm		elec: \$/kwh	\$/year	\$/1000 gal.	
170	1000	300	T.C.	\$0.17	\$564.40	\$0.11	TC only
170	1000	300	D.B.	\$0.17	\$2,257.60	\$0.42	TC only

<u>D.B. users</u>	<u>Unit</u>	<u>Pump Rate</u>	<u>Pump</u>	<u>Cost</u>	<u>Cost</u>	<u>Cost</u>	
	per 1,000 gal	gpm		elec: \$/kwh	\$/year	\$/1000 gal.	
330	1000	300	D.B.	\$0.17	\$10,200.00	\$0.67	DB only

Note: DB system pumps 2X water sales, ie. 50% water loss through distribution system.

Pump Repair and Replacement:

		<u>\$/year</u>	<u>Ave. gpmo.</u>	<u>Users</u>	<u>\$/1000 gal.</u>	
pump RRI	2 @ 10 HP x \$7,500 =	\$1,000	3000	170	\$0.16	TC only
pump RRI	2 @ 40 HP x \$20,000 =	\$2,667	3000	500	\$0.15	DB+TC

T.C. Supply Rate: \$0.84 \$/1000 gal

D.B. supply cost: \$0.82 \$/1000 gal