

Choctaw Lake Utilities, Inc.  
Upgrade and Replacement Cost Analysis and Calculation

Inventory Replacement							
Project	Estimated Replaced Cost	Useful Life	Annual Cost	Monthly Cost	Per PO per Month	Current Allocation in Escrow	Estimated Replaced Cost less Current Allocation in Escrow
Replace Distribution Lines (2M)	\$ 2,000,000.00	45	\$ 44,444.4	\$ 3,703.70	\$ 4.19	\$ -	\$ 2,000,000.00
Replace Hydrants	\$ 100,000.00	29	\$ 1,724.1	\$ 143.68	\$ 0.16	\$ 50,000.00	\$ 50,000.00
Tower 300,000 Gallon - Replacement (1M)	\$ 1,000,000.00	60	\$ 16,666.7	\$ 1,388.89	\$ 1.57	\$ -	\$ 1,000,000.00
Tower 40,000 Gallon - Replacement	\$ 150,000.00	25	\$ -	\$ -	\$ -	\$ 150,000.00	\$ -
Misc. Capital	\$ 500,000.00	29	\$ 17,241.4	\$ 1,436.78	\$ 1.63	\$ -	\$ 500,000.00
Electrical Updates	\$ 100,000.00	29	\$ 2,758.6	\$ 229.89	\$ 0.26	\$ 20,000.00	\$ 80,000.00
Engineering	\$ 300,000.00	29	\$ 6,896.6	\$ 574.71	\$ 0.65	\$ 100,000.00	\$ 200,000.00
Replace Controls/Meters Plant	\$ 25,000.00	10	\$ -	\$ -	\$ -	\$ 25,000.00	\$ -
Valve Replacement Plant (10 valves)	\$ 25,000.00	20	\$ -	\$ -	\$ -	\$ 25,000.00	\$ -
Valve Replacement Distribution (100)	\$ 40,000.00	30	\$ 666.7	\$ 55.56	\$ 0.06	\$ 20,000.00	\$ 20,000.00
Replace Detention Tank	\$ 180,000.00	29	\$ 2,344.8	\$ 195.40	\$ 0.22	\$ 112,000.00	\$ 68,000.00
Replace Aeration Tower	\$ 45,000.00	29	\$ -	\$ -	\$ -	\$ 45,000.00	\$ -
Replace Filter Media (EPA require every 10 yrs)	\$ 60,000.00	9	\$ -	\$ -	\$ -	\$ 60,000.00	\$ -
Replace High Service Pump 1	\$ 30,000.00	29	\$ -	\$ -	\$ -	\$ 30,000.00	\$ -
Replace High Service Pump 2	\$ 30,000.00	29	\$ -	\$ -	\$ -	\$ 30,000.00	\$ -
Replace Generator	\$ 75,000.00	10	\$ -	\$ -	\$ -	\$ 75,000.00	\$ -
Replace Well Pump 1	\$ 15,000.00	7	\$ -	\$ -	\$ -	\$ 15,000.00	\$ -
Replace Well Pump 2	\$ 15,000.00	10	\$ -	\$ -	\$ -	\$ 15,000.00	\$ -
Replace Well Pump 3	\$ 15,000.00	10	\$ -	\$ -	\$ -	\$ 15,000.00	\$ -
Replace Orthophosphate Injection System	\$ 15,000.00	10	\$ -	\$ -	\$ -	\$ 15,000.00	\$ -
Replace Chlorine Injection System	\$ 15,000.00	10	\$ -	\$ -	\$ -	\$ 15,000.00	\$ -
Dredge Iron Lagoon	\$ 25,000.00	20	\$ -	\$ -	\$ -	\$ 25,000.00	\$ -
Tower Maintenance (Foundation/Main Line/Valves)	\$ 80,000.00	9	\$ -	\$ -	\$ -	\$ 80,000.00	\$ -
IamGis	\$ 30,000.00	15	\$ -	\$ -	\$ -	\$ 30,000.00	\$ -
<b>Subtotal</b>	<b>\$ 4,870,000.00</b>		<b>\$ 92,743.3</b>	<b>\$ 7,728.61</b>	<b>\$ 8.75</b>	<b>\$ 952,000.00</b>	

