

**W-G WASTEWATER TREATMENT FACILITY
2023-2024 BUDGET**

Account #	Description	Budget
PERSONNEL SERVICES		
71 10	Personal Services	351,036
71 20	Fringe Benefits	227,657
71 30	Overtime	10,000
71 60	Certification Incentive Pay	<u>5,000</u>
Total Personal Services		593,693
MATERIALS & SERVICES		
71 110	Office Supplies	5,000
71 120	Tools/Spare Parts	41,500
71 130	Equipment Maint/Repair	90,000
71 140	Equipment Oper/Materials	30,000
71 160	Phone	6,000
71 170	Training & Conferences	4,500
71 180	Material & Expenses NOC	1,000
71 190	Building Maintenance	21,500
71 200	Electricity	150,000
71 205	Natural Gas	15,000
71 210	Water & Other Utilities	8,000
71 220	Chemicals	60,000
71 225	Salt	35,000
71 240	Lab	24,000
71 250	Personal Protective Equip.	7,000
71 320	Permit Fees	20,000
71 330	Professional Services	12,500
71 350	Insurance	41,328
71 390	Dues & Subscriptions	<u>1,500</u>
Total Material & Services		573,828
CAPITAL OUTLAY		
71 1010	New Equipment	0
71 1020	Facility Improvements	250,000
71 1050	Owner Projects	430,000
71 1060	Emergency Sinking Fund	<u>50,000</u>
Total Capital Outlay		730,000
TOTAL PLANT EXPENSES		<u>1,897,521</u>
GAWSA Portion		<u><u>1,600,675</u></u>

City of Winston to pay Personal Services expenses -
GAWSA to reimburse 50% of costs to City of Winston.

GAWSA to pay Materials & Services expenses -
City of Winston to reimburse proportionate
costs to Green.

GAWSA to pay Capital Outlay expenses -
City of Winston to reimburse 50% of costs to Green.

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CAPITAL OUTLAY DETAIL

New Equipment	Cost
None	-
Facility Improvements	
Aeration Basin Blower Upgrade	\$ 250,000
<p>The plant relies on a process called Activated Sludge for its main treatment of wastewater. This is achieved by the use of aerobic bacteria. This bacteria needs oxygen in order to survive and effectively treat the incoming waste stream. In 2014 the plant upgraded one of its 3 blowers, which provides oxygen to the bacteria, to a new blower capable of delivering more air with increased energy efficiency. This new single blower was the equivalent to 2 of the older blowers. The plant still retained 2 of its older blowers for backup to the newer system. Unfortunately, these back up blowers have come to the point that they are no longer a viable option for a backup as they will not provide sufficient air flow needed to keep the bacteria in the basin alive.</p>	
Owner Projects	
Facilities Plan	\$ 430,000
<p>With the increase of populations in the Winston and Green areas the plant last year had Carollo Engineering perform a Flow and Load study on the plant. This study is the cornerstone of a much larger and more in depth Facilities Plan which would take a look at the capacity concern areas identified in the Flow and Load Study and come up with a engineered plan for moving forward with the plant.</p>	