

EVALUATION MATRIX					
Evaluation Parameter		Weight	Option 1 GS + UV System	Option 2 GS + Chlorine gas	Option 3 Membrane Filtration Addition
WATER QUALITY & TREATMENT					
1	Water Quality - Aesthetic Objective (Hardness/TDS)		0	0	5
2	Water Quality - Maximum Allowable Concentration/Aesthetic Objectives (Iron+Manganese)		5	5	5
3	Potential for avoiding unwanted disinfection byproducts (THMs/HAA5)		3	1	5
4	Chemical Requirements		5	3	3
5	Plant Waste Quantity and Management		5	5	3
	Total		18	14	21
	Average		3.6	2.8	4.2
	<i>Contribution - Sub Total</i>	40	28.8	22.4	33.6
CONSTRUCTABILITY AND EXPANDABILITY					
1	Building Expansion		3	4	1
2	Ease of staging and future expansion		5	5	1
3	Time frame to reach additional capacity/Improved water quality		5	5	5
	Total		13	14	7
	Average		4.3	4.7	2.3
	<i>Contribution - Sub Total</i>	20	17.3	18.7	9.3
OPERABILITY AND MAINTAINABILITY					
1	Ease of operation		4	4	3
2	Reliability		5	5	5
3	Operator Training Requirements		5	4	3
4	Operator Safety		4	2	3
	Total		18	15	14
	Average		4.5	3.8	3.5
	<i>Contribution - Sub Total</i>	30	27.0	22.5	21.0
REDUNDANCY					
1	Redundancy		2.5	5.0	2.5
	Total		2.5	5.0	2.5
	Average		2.5	5.0	2.5
	<i>Contribution - Sub Total</i>	10	5.0	10.0	5.0
	TOTAL	100	78.1	73.6	68.9