

Plant Capacity	Flow MGD	LIQUIDS PHASE			SLUDGE		
		B.O.D. per lbs./day	S.S. per lbs./day	Nitrogen per lbs./day	B.O.D. per lbs./day	S.S. per lbs./day	Nitrogen per lbs./day
Flow Capacity	16	43,395	56,747	7,611	65,093	85,121	11,417

RENTAL CHARGE RATE DEVELOPMENT

Capital Capacity Cost	Flow	LIQUIDS PHASE			SLUDGE			TOTAL
		B.O.D.	S.S.	Nitrogen	B.O.D.	S.S.	Nitrogen	
Total Capital Cost	\$ 53,106,486	\$ 18,102,255	\$ 3,505,279	\$ 7,318,857	\$ 40,894,638	\$ 48,041,010	\$ 1,928,279	\$ 172,896,803
Assumed Borrowing Rate	8%							
Assumed Life of Loan	30 yrs							
Annual Payment - Total Plant	\$ 4,717,313	\$ 1,607,977	\$ 311,365	\$ 650,115	\$ 3,632,566	\$ 4,267,360	\$ 171,284	\$ 15,357,979

	1	2	3	4	5	6	7
Total Fixed Monthly Rental Rate Capital Rental Rate:	Flow per MGD	LIQUIDS PHASE			SLUDGE		
		B.O.D. per lbs./day	S.S. per lbs./day	Nitrogen per lbs./day	B.O.D. per lbs./day	S.S. per lbs./day	Nitrogen per lbs./day
	\$24,569.34	\$3.09	\$0.46	\$7.12	\$4.65	\$4.18	\$1.25

	1	2	3	4	5	6	7
Available Capacity	Flow MGD	LIQUIDS PHASE			SLUDGE		
		B.O.D. per lbs./day	S.S. per lbs./day	Nitrogen per lbs./day	B.O.D. per lbs./day	S.S. per lbs./day	Nitrogen per lbs./day
City of Mesa	(1.00)	(1,669.00)	(2,086.00)	(334.00)	(1,669.00)	(2,086.00)	(334.00)
Town of Gilbert	1.00	1,669.00	2,086.00	334.00	1,669.00	2,086.00	334.00
Town of Queen Creek	3.00	5,007.00	6,258.00	1,002.00	5,007.00	6,258.00	1,002.00

	1	2	3	4	5	6	7	8
Rental Rates\Credits	Formula - Flow (QC*EQ)	LIQUIDS PHASE			SLUDGE			TOTAL MRC
		B.O.D. (BODC*EBOD)	S.S. (SSC*ESS)	Nitrogen (NC*EN)	B.O.D. (SBODC*SEBOD)	S.S. (SSSC*SESS)	Nitrogen (SNC*SEN)	
COM - Rental Rate	24,569	5,154	954	2,377	7,762	8,715	418	49,948
COM - Less: Rental Credit	-	-	-	-	-	-	-	-
City of Mesa Total	\$ 24,569	\$ 5,154	\$ 954	\$ 2,377	\$ 7,762	\$ 8,715	\$ 418	\$ 49,948
TOG - Rental Rate	-	-	-	-	-	-	-	-
TOG Less: Rental Credit	(6,142)	(1,288)	(238)	(594)	(1,940)	(2,179)	(104)	(12,487)
Town of Gilbert Total	\$ (6,142)	\$ (1,288)	\$ (238)	\$ (594)	\$ (1,940)	\$ (2,179)	\$ (104)	\$ (12,487)
TOQC - Rental Rate	-	-	-	-	-	-	-	-
TOQC - Less: Rental Credit	(18,427)	(3,865)	(715)	(1,783)	(5,821)	(6,536)	(313)	(37,461)
Town of Queen Creek Total	\$ (18,427)	\$ (3,865)	\$ (715)	\$ (1,783)	\$ (5,821)	\$ (6,536)	\$ (313)	\$ (37,461)
Check Sum	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

1	Capital Rental Rate Flow per MDG	*	1	Flow MGD	=	1	MRC Flow
2	Capital Rental Rate B.O.D per lbs./day (Liquid Phase)	*	2	B.O.D per lbs./day (Liquid Phase)	=	2	MRC B.O.D (Liquid Phase)
3	Capital Rental Rate S.S per lbs/day (Liquid Phase)	*	3	S.S per lbs/day (Liquid Phase)	=	3	MRC S.S (Liquid Phase)
4	Capital Rental Rate Nitrogen per lbs/day (Liquid Phase)	*	4	Nitrogen per lbs/day (Liquid Phase)	=	4	MRC Nitrogen (Liquid Phase)
5	Capital Rental Rate B.O.D per lbs./day (Solid Phase)	*	5	B.O.D per lbs./day (Sludge Phase)	=	5	MRC B.O.D (Liquid Phase)
6	Capital Rental Rate S.S per lbs/day (Solid Phase)	*	6	S.S per lbs/day (Sludge Phase)	=	6	MRC S.S (Liquid Phase)
7	Capital Rental Rate Nitrogen per lbs/day (Solid Phase)	*	7	Nitrogen per lbs/day (Sludge Phase)	=	7	MRC Nitrogen (Liquid Phase)
						8	Total MRC (Sum 1 through 7)

* Scenario assumes City of Mesa exceeded available capacity for the month