

TAHOE RENO

INDUSTRIAL CENTER

TRI GENERAL IMPROVEMENT DISTRICT

TYPE NAME OF PROJECT HERE

IRRIGATION CALCULATIONS

(Trees) x (2gph x 1hr x 2days week x 32 weeks year/ 325851) = _____	acre-ft
(Shrubs) x (3gph x 1hr x 2days week x 32 weeks year/ 325851) = _____	acre-ft
(Turf Heads) x (55.1gpm x 20min x 2days week x 32 weeks year/ 325851) = _____	acre-ft
or TOTAL REQUIRED FROM LS PLAN BY LANDSCAPE ARCHITECT	A = _____

FIXTURE UNIT BREAKDOWN

Table a-2 and 7-3 upc		Sewer	Water	Total Fixture Units	
Num	Type of Fixture	Fu per	Fu per	= SS	= WATER
A		B	C	AXB	AXC
	Drinking Fountain	1	1		
	Bar Sink	2	2		
	Lavatory Sink, single	2	1		
	Lavatory Sink, in sets	2	2		
	Laundry Tubs	2	2		
	Shower, single stall	2	2		
	Shower, gang (one per head)	3	2		
	Clothes washers	3	4		
	Service Sink or dishwasher	3	3		
	Water closet, tank	4	3		
	Urinal - valve	4	3		
	Water closet, valve	6	10		
	Floor Drains	1			
	Receptors floor sinks, all	1			
	Interceptors for grease, oil, solids, auto wash ect	3			
	Hose Bibb		3		
	3/8 inch supply line		2		
	1/2 inch supply line		4		
	3/4 inch supply line		6		
	1 inch supply line		10		
TOTAL SS FIXTURES USED IN CALCULATING SEWER FEES					
TOTAL WATER FIXTURES USED IN CALCULATING WATER FEES					
Sewer GPD = SS Fixture units x 15 gal per day per fu				DI =	
Water GPD = Wtr Fixture units x 15 gal per day per fu				B =	
GPD x 365 days per year x 1 acre-ft per 325,851 gal = wtr acre-ft =					

PROCESS WATER

Provided by building owner. No standard form exists.		Water		SEWER
		DAY/YR	Acres feet	% TO SEWER =
		365		100%

TOTALS

	Acres feet	gpd	
Total irrigation water amount			A
Total potable water amount			B
Total process water amount			C
Total SEWER amount			D2
Total process SEWER amount			E
Total Water rights dedication required from PUD Water agreement (potable + process)			

FEES

Sewer Connection Fees - (\$9.57 / GPD)	PAYABLE TO TRI-GID	D2+D1 *9.57
Water Connection Fees (potable and process) - (\$4.91 / GPD)	PAYABLE TO TRI-GID	B+C *4.91
Irrigation Connection Fees - (\$4.91 / GPD)	PAYABLE TO TRI-GID	A *4.91
Water Sewer plan review fee.	PAYABLE TO TRI-WATER AND SEWER COMPANY	\$500
Water Sewer inspection deposit.	PAYABLE TO TRI-WATER AND SEWER COMPANY	\$1,000
Water Rights (TBD)	PAYABLE TO TRI-LLC	Call REC E-0.5 *SITE*
TOTALS	Total Due =	\$1,500