

# Water Calcs: Desert Hot Springs Landscape Design Project

**Plan 3:** Lush & Efficient Design Option  
ET Adjustment Factor: 0.5

Maximum Applied Annual Water Allowance (MAAWA)					
Landscape Type	ET	ETAF	Lands Area	Conversion	CCF
Conventional	93.9	0.5	1040	0.62	40.47
Recreational	93.9	0.82		0.62	0.00
		<b>Total</b>	<b>1040</b>		<b>40.47</b>

Estimated Annual Applied Water Use (EAAWU)						
Water Use Class	ET**	Plant Factor	Lands Area	Conversion	Irrig Eff.	CCF
Low - Drip						
Spring	18.99	0.2	500	0.62	0.9	1.75
Summer	54.87	0.2	500	0.62	0.9	5.05
Fall/Winter	15.86	0.2	500	0.62	0.9	1.46
Mod. - Drip						
Spring	18.99	0.5	252	0.62	0.9	2.20
Summer	54.87	0.5	252	0.62	0.9	6.37
Fall/Winter	15.86	0.5	252	0.62	0.9	1.84
High - Drip						
Spring	18.99	0.8	0	0.62	0.9	0.00
Summer	54.87	0.8	0	0.62	0.9	0.00
Fall/Winter	15.86	0.8	0	0.62	0.9	0.00
Turf* - Spray						
Spring	18.99	0.7	288	0.62	0.75	4.23
Summer	54.87	0.7	288	0.62	0.75	12.23
Fall/Winter	15.86	0.7	288	0.62	0.75	3.53
		<b>Total</b>	<b>1040</b>			<b>38.66</b>

**Analysis:**

**EAAWU < MAAWA**

**1.81 CCF**

Monthly ET						
Inches	Season		Months		ET (in.)	
18.99	Spring		Feb, Mar, Apr		4.08, 6.35, 8.56	
54.87	Summer		May, Jun, Jul, Aug, Sept		10.98, 12.10, 12.45, 10.25, 9.09	
15.86	Fall/Winter		Oct, Nov, Dec, Jan		6.35, 3.90, 2.56, 3.05	

Landscaped Area	Percentage	Sq Ft
Drip - Shrubs & Trees	72.31%	752
Spray - Turf	27.69%	288
<b>Total</b>	<b>100.00%</b>	<b>1040</b>