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**Estimated Annual Water Usage**

10/7/11

**Project Site Information**

Job #1078 LMD  
 BRIDGES HVP-1B LMD AREAS  
 HERITAGE VALLEY PARKS  
 Fillmore, CA

**Project Contact Information**

LANDSTONE COMMUNITIES  
 12011 San Vicente Blvd., Suite 350  
 Los Angeles, CA 90049  
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**Controller A**

ETo Location: CIMIS #198 (Santa Paula), California

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ETo Rates :	1.83	2.20	3.42	4.49	5.25	5.67	5.86	5.61	4.49	3.42	2.36	1.83
	Annual ETo Rate: 46.43											

Ave. Annual Rainfall: 0.00 in  
 % Usable Rainfall: 0.25

**Site Results:**

Gallons: 246,021.26  
 Cubic Feet: 32,888.12  
 100 Cubic Feet: 328.91  
 Acre Feet: 0.76

**TURF - spray - high PF - S/W**

Total Area: 7,008.00 Sq Feet  
 System Efficiency: 0.71  
 Plant Factor Method: User Defined  
 Plant Factor: 0.80

**Hydrozone Results:**

Gallons: 228,408.61  
 Cubic Feet: 30,533.66  
 100 Cubic Feet: 305.36  
 Acre Feet: 0.70

**SHRUBS - dripperline - moderate PF - S/W**

Total Area: 866.00 Sq Feet  
 System Efficiency: 0.90  
 Plant Factor Method: User Defined  
 Plant Factor: 0.50

**Hydrozone Results:**

Gallons: 13,916.57  
 Cubic Feet: 1,860.37  
 100 Cubic Feet: 18.61  
 Acre Feet: 0.04

**TREES - bubblers - moderate PF - S/W**

Total Area: 230.00 Sq Feet  
 System Efficiency: 0.90

Plant Factor Method: User Defined  
Plant Factor: 0.50

**Hydrozone Results:**

Gallons: 3,696.09  
Cubic Feet: 494.09  
100 Cubic Feet: 4.94  
Acre Feet: 0.01

**Controller G**

ETo Location: CIMIS #198 (Santa Paula), California

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ETo Rates :	1.83	2.20	3.42	4.49	5.25	5.67	5.86	5.61	4.49	3.42	2.36	1.83
	Annual ETo Rate: 46.43											

Average Annual: 0.00 in  
Percent Usable: 0.25

**Site Results:**

Gallons: 846,035.97  
Cubic Feet: 113,098.09  
100 Cubic Feet: 1,131.06  
Acre Feet: 2.60

**TURF - spray - high PF - S/W**

Total Area: 14,634.00 Sq Feet  
System Efficiency: 0.71  
Plant Factor Method: User Defined  
Plant Factor: 0.80

**Hydrozone Results:**

Gallons: 476,959.41  
Cubic Feet: 63,759.93  
100 Cubic Feet: 637.65  
Acre Feet: 1.46

**SHRUBS - spray - moderate PF - east**

Total Area: 1,087.00 Sq Feet  
System Efficiency: 0.71  
Plant Factor Method: User Defined  
Plant Factor: 0.43

**Hydrozone Results:**

Gallons: 19,042.61  
Cubic Feet: 2,545.62  
100 Cubic Feet: 25.46  
Acre Feet: 0.06

**SHRUBS - dripperline - moderate PF - S/W**

Total Area: 6,077.00 Sq Feet  
System Efficiency: 0.90  
Plant Factor Method: User Defined  
Plant Factor: 0.50

**Hydrozone Results:**

Gallons: 97,657.02  
Cubic Feet: 13,054.79  
100 Cubic Feet: 130.56  
Acre Feet: 0.30

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**GROUNDCOVER - spray - moderate PF - S/W**

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Total Area: 3,692.00 Sq Feet  
System Efficiency: 0.71  
Plant Factor Method: User Defined  
Plant Factor 0.50

**Hydrozone Results:**

Gallons: 75,207.31  
Cubic Feet: 10,053.71  
100 Cubic Feet: 100.54  
Acre Feet: 0.23

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**GROUNDCOVER - spray - moderate PF - north**

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Total Area: 2,952.00 Sq Feet  
System Efficiency: 0.71  
Plant Factor Method: User Defined  
Plant Factor 0.35

**Hydrozone Results:**

Gallons: 42,093.28  
Cubic Feet: 5,627.03  
100 Cubic Feet: 56.27  
Acre Feet: 0.13

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**GROUNDCOVER - rotors - moderate PF - north**

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Total Area: 10,650.00 Sq Feet  
System Efficiency: 0.85  
Plant Factor Method: User Defined  
Plant Factor 0.35

**Hydrozone Results:**

Gallons: 126,848.54  
Cubic Feet: 16,957.11  
100 Cubic Feet: 169.58  
Acre Feet: 0.39

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**TREES - bubblers - high PF - S/W**

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Total Area: 40.00 Sq Feet  
System Efficiency: 0.90  
Plant Factor Method: User Defined  
Plant Factor 0.80

**Hydrozone Results:**

Gallons: 1,028.48  
Cubic Feet: 137.49  
100 Cubic Feet: 1.37  
Acre Feet: 0.00

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**TREES - bubblers - moderate PF - S/W**

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Total Area: 440.00 Sq Feet  
System Efficiency: 0.90  
Plant Factor Method: User Defined  
Plant Factor 0.50

**Hydrozone Results:**

Gallons: 7,070.77  
Cubic Feet: 945.22  
100 Cubic Feet: 9.45  
Acre Feet: 0.02

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**TREES - bubblers - low PF - S/W**

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Total Area:	20.00 Sq Feet
System Efficiency:	0.90
Plant Factor Method:	User Defined
Plant Factor	0.20

**Hydrozone Results:**

Gallons:	128.56
Cubic Feet:	17.19
100 Cubic Feet:	0.17
Acre Feet:	0.00