



Advanced Environmental Landscape
Design & Consulting, LLC

CSLB C-27 Lic#708716
PO Box 8296, Alta Loma, CA 91737
Phone: 909.980.8300 Fax: 909.941.6876
www.aelandscapedesign.com

WATER MANAGEMENT **WATER ANALYSIS & RECOMMENDATIONS**

Property Name: Villa Plumosa
Report Dated: 10/25/2017

HIGH PRIORITY RECOMMENDATIONS

High Priority Recommendations & Preventative Maintenance

WEBSITE LOGIN INFORMATION

Visit www.aelandscapedesign.com/nationalcore

Enter Password- watercore

- 12/04/2015 Water Pressure Readings:** Unable to read pressure during initial site inspection due to lack of hose-bibs on exterior. Please schedule interior readings at one unit per building (water heater/kitchen or bathroom faucets) to register each building's water pressure. Please download the Pressure Reading Tutorial and Building Inspection Worksheet on the website (see website login information at the top of the recommendations)
 - Please use the Building Inspection Worksheet to record meter readings and identify whether or not each building has a secured hose-bib and/or a pressure regulator. Please provide readings for evaluation & recommendations. Please email the Building Inspection Worksheet to water@aelandscapedesign.com
- 11/18/2016 Backflow Test Forms:** Please obtain and submit a copy of the backflow test forms for your property. You may either send us a copy of the last test forms completed at your property or if you have recently received test forms that are blank, you can send those also. Please send these test forms to water@aelandscapedesign.com Water Management is requesting this information so we can add this data to the Property Overview and so you always know how many backflows you have, details on each and when testing is scheduled, to avoid any water shut-off notices and/or late charges.

“Save Water Today, So We Have Water Tomorrow”



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WATER USAGE ANALYSIS SUMMARY

(See individual meter reports for more detailed information)

The Yorba Linda Water District Board of Directors voted unanimously to suspend administrative penalties on customer billings beginning in June, 2016.

For recent press release please visit: <https://www.ylwd.com>

DOMESTIC

Meter# 1: Daily Average, Projected Monthly Average, and latest water bill are all below budget.

Meter# 2: Daily Average, Projected Monthly Average, and latest water bill are all below budget.

Meter# 3: Daily Average, Projected Monthly Average, and latest water bill are all below budget.

Meter# 4: Daily Average, Projected Monthly Average, and latest water bill are all below budget.

Meter# 5: Daily Average, Projected Monthly Average, and latest water bill are all below budget.

Meter# 6: Daily Average, Projected Monthly Average, and latest water bill are all below budget.

LANDSCAPE

Irrigation Map: Irrigation Map is available online.

Weather Based Irrigation Controllers: Hunter I-Cores W/Solar Sync, Installed 5/01/15.

Precision Nozzles: No Precision Nozzles are installed at this time. The Water District does not offer rebates.

Turf Removal: Submitted turf removal proposal to National Core.

Yorba Linda Water District Watering Restrictions: Please check our website for your district's current restrictions.

Controller in Compliance: Controller is not currently; please see notes in Landscape description. - 3/28

Landscape Usage:

Meter# 7: Daily Average, Projected Monthly Average, and latest Water bill are all above budget.

10/17: Water was reduced to 77% usage. Irrigation repairs recently completed, will continue to monitor and update on next report.

“Save Water Today, So We Have Water Tomorrow”

Meter Summary Coversheet

Property Name **Villa Plumosa**

Meter ID	Account Number	Meter Number(s)	Meter Type
1	927664-105538	56315053 35329858	Domestic
2	915778-101825	52968390	Domestic
3	914743-101502	67718627	Domestic
4	945322-111044	52095751	Domestic
5	919522-102994	59237634 68781864	Domestic
6	956398-114526	59237633	Domestic
7	933443-107342	70019038	Landscape
8	950701-112752	52095750 35329855 35329854	Fire Service

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LLC

METER ID# 1

Property Name	Villa Plumosa		
Meter Number	82271098	Meter Type	Domestic
Account Number	927664-105538	Meter Type	1"

REPORT DATED
10/23/2017

Backflow Details: Designated Backflow Size Pressure Regulator?

DOMESTIC ANALYSIS

Each meter services different types of buildings, water features, etc. The following budgets have been created for each type of coverage below:

Coverage Type	Multi-Unit Building	Fire Service			
Description		Fire Service			TOTALS
Units Served	13	0			13
Budget/Month/Unit	14	0			
Daily Budget Total	5.98	0.00			6.0
Monthly Budget Total	182.00	0.00			182.0

The following calculations are based on the data collected from the physical meter readings and water bills:

Multiple Meters on Water Account:

	Meter Number	Size
Meter A	82271098	1"
Meter B	35329858	4"
Meter C		

Daily Avg. Meter A	3.280
Daily Avg. Meter B	0.000
Daily Avg. Meter C	
Daily Avg Meter Total	3.280
Monthly Avg Meter Total	99.767

Projected vs. Actual Water Bill Analysis

	Projected		Most Recent	
Tier 1 @ \$2.70	100	\$270.00	56	\$151.20
Tier 2 @				
Tier 3 @				
Tier 4 @				
Tier 5 @				
WATER CONSUMPTION TOTALS	100	\$270.00	56	\$151.20
1" Meter Basic Service Charge		\$32.49		\$32.49
Fire Detector Charge 4"		\$16.00		\$16.00
Residential Penalty Block				
Conservation Credit				
TOTAL USAGE & CHARGES		\$318.49		\$199.69

PHYSICAL METER READINGS

METER A:

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
10/19/2017 9:15 AM	52,517.0	RST	72.17	53,983.16	22	3.280	527	0.137
9/27/2017 10:00 AM	45,300.0	WB	22.84	17,084.32	12	1.903	288	0.079
9/15/2017 10:20 AM	43,016.0	RST	33.16	24,803.68	15	2.211	360	0.092
8/31/2017 10:00 AM	39,700.0	WB	31.29	23,404.92	16	1.956	386	0.081
8/15/2017 8:15 AM	36,571.0	RST	30.71	22,971.08	14	2.194	334	0.092
8/1/2017 10:00 AM	33,500.0	WB	63.00	47,124.00	34	1.853	816	0.077
6/28/2017 10:00 AM	27,200.0	WB	56.00	41,888.00	29	1.931	696	0.080
5/30/2017 10:00 AM	21,600.0	WB	71.00	53,108.00	35	2.029	840	0.085
4/25/2017 10:00 AM	14,500.0	WB	56.00	41,888.00	28	2.000	672	0.083
3/28/2017 10:00 AM	8,900.0	WB	49.00	36,652.00	28	1.750	672	0.073

This report was prepared by Advanced Environmental Landscape Design & Consulting, LLC. If you have any questions regarding this report please contact us

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LLC

METER ID# 1

METER B:

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
8/1/2017 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
1/31/2017 10:01 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
12/26/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
11/30/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
11/1/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
9/28/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
8/29/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
7/26/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
6/28/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
6/1/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
4/27/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
3/28/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
2/29/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
1/25/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
12/29/2015 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
12/15/2015 3:05 PM	0.0	RST	0.00	0.00	N/A	N/A	N/A	N/A
12/1/2015 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
10/27/2015 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
9/28/2015 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
8/31/2015 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
7/28/2015 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
6/30/2015 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

METER C:

METER EVALUATION NOTES:

See Findings and Recommendations Report for specific meter notes.

This report was prepared by Advanced Environmental Landscape Design & Consulting, LLC. If you have any questions regarding this report please contact us

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 2

Property Name	Villa Plumosa		
Meter Number	52968390	Meter Type	Domestic
Account Number	915778-101825	Meter Type	1"

REPORT DATED
10/23/2017

Backflow Details: Designated Backflow Size _____ Pressure Regulator?

DOMESTIC ANALYSIS

Each meter services different types of buildings, water features, etc. The following budgets have been created for each type of coverage below:

Coverage Type	Multi-Unit Building				TOTALS
Description					
Units Served	13				13
Budget/Month/Unit	14				
Daily Budget Total	5.98				6.0
Monthly Budget Total	182.00				182.0

The following calculations are based on the data collected from the physical meter readings and water bills:

		Projected vs. Actual Water Bill Analysis					
Physical Daily-Average	1.636	Projected			Most Recent		
		Tier 1 @	\$2.70	50	\$135.00	45	\$121.50
Physical Monthly-Average	49.76	Tier 2 @					
		Tier 3 @					
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS	50	\$135.00	45	\$121.50	
		1 Inch Meter Basic Service Charge		\$32.49		\$32.49	
		Backflow Fee		\$2.33		\$2.33	
		Conservation Credit					
		TOTAL USAGE & CHARGES		\$169.82		\$156.32	

PHYSICAL METER READINGS

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
10/19/2017 9:15 AM	231,663.0	RST	37.63	28,147.24	23	1.636	551	0.068
9/26/2017 10:00 AM	227,900.0	WB	17.59	13,157.32	11	1.599	264	0.067
9/15/2017 10:20 AM	226,141.0	RST	27.41	20,502.68	15	1.827	360	0.076
8/31/2017 10:00 AM	223,400.0	WB	22.57	16,882.36	16	1.411	386	0.058
8/15/2017 8:15 AM	221,143.0	RST	23.43	17,525.64	14	1.674	334	0.070
8/1/2017 10:00 AM	218,800.0	WB	53.00	39,644.00	34	1.559	816	0.065
6/28/2017 10:00 AM	213,500.0	WB	40.00	29,920.00	28	1.429	672	0.060
5/31/2017 10:00 AM	209,500.0	WB	49.00	36,652.00	36	1.361	864	0.057
4/25/2017 10:00 AM	204,600.0	WB	76.25	57,035.00	55	1.386	1320	0.058
3/1/2017 10:00 AM	196,974.6	RST	22.28	16,665.44	14	1.591	331	0.067

This report was prepared by Advanced Environmental Landscape Design & Consulting, LLC. If you have any questions regarding this report, please contact us at (909) 980-8300 or water@aelandscaped.com

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 2

2/15/2017	3:06 PM	194,747.0	RST	22.47	16,807.56	15	1.498	365	0.062
1/31/2017	10:00 AM	192,500.0	WB	19.26	14,406.48	12	1.605	288	0.067
1/19/2017	10:02 AM	190,574.0	RST	36.74	27,481.52	24	1.531	576	0.064
12/26/2016	10:00 AM	186,900.0	WB	10.10	7,554.80	7	1.443	166	0.061
12/19/2016	12:00 PM	185,890.0	RST	27.90	20,869.20	19	1.468	458	0.061
11/30/2016	10:00 AM	183,100.0	WB	19.84	14,840.32	14	1.417	336	0.059
11/16/2016	10:36 AM	181,116.0	RST	25.16	18,819.68	15	1.677	360	0.070
11/1/2016	10:00 AM	178,600.0	WB	19.72	14,750.56	13	1.517	306	0.064
10/19/2016	4:30 PM	176,628.0	RST	13.55	10,135.40	8	1.694	195	0.069
10/11/2016	1:00 PM	175,273.3	WMT	20.73	15,506.04	13	1.595	315	0.066
9/28/2016	10:00 AM	173,200.0	WB	19.01	14,219.48	13	1.462	313	0.061
9/15/2016	9:00 AM	171,299.0	RST	27.99	20,936.52	17	1.646	407	0.069
8/29/2016	10:00 AM	168,500.0	WB	20.67	15,461.16	14	1.476	330	0.063
8/15/2016	4:20 PM	166,433.0	RST	33.33	24,930.84	20	1.667	486	0.069
7/26/2016	10:00 AM	163,100.0	WB	7.40	5,535.20	5	1.480	121	0.061
7/21/2016	9:30 AM	162,360.0	RST	36.60	27,376.80	23	1.591	551	0.066
6/28/2016	10:00 AM	158,700.0	WB	9.66	7,225.68	6	1.610	138	0.070
6/22/2016	4:10 PM	157,734.0	RST	33.34	24,938.32	21	1.588	510	0.065
6/1/2016	10:00 AM	154,400.0	WB	12.79	9,566.92	9	1.421	210	0.061
5/23/2016	4:35 PM	153,121.0	RST	41.21	30,825.08	26	1.585	630	0.065
4/27/2016	10:00 AM	149,000.0	WB	12.88	9,634.24	8	1.610	188	0.069
4/19/2016	2:15 PM	147,712.0	RST	36.12	27,017.76	22	1.642	532	0.068
3/28/2016	10:00 AM	144,100.0	WB	10.64	7,958.72	7	1.520	164	0.065
3/21/2016	2:45 PM	143,036.0	RST	34.36	25,701.28	21	1.636	508	0.068
2/29/2016	10:00 AM	139,600.0	WB	8.25	6,171.00	6	1.375	139	0.059
2/23/2016	3:02 PM	138,775.0	RST	36.31	27,159.88	21	1.729	509	0.071
2/2/2016	10:00 AM	135,144.0	RST	14.44	10,801.12	8	1.805	192	0.075
1/25/2016	10:00 AM	133,700.0	WB	43.00	32,164.00	27	1.593	648	0.066
12/29/2015	10:00 AM	129,400.0	WB	22.03	16,478.44	14	1.574	331	0.067
12/15/2015	3:10 PM	127,197.0	RST	24.97	18,677.56	14	1.784	341	0.073
12/1/2015	10:00 AM	124,700.0	WB	59.00	44,132.00	35	1.686	840	0.070
10/27/2015	10:00 AM	118,800.0	WB	53.00	39,644.00	29	1.828	696	0.076
9/28/2015	10:00 AM	113,500.0	WB	53.00	39,644.00	28	1.893	672	0.079
8/31/2015	10:00 AM	108,200.0	WB	24.49	18,318.52	14	1.749	334	0.073
8/17/2015	12:05 PM	105,751.2	WMT	12.12	9,065.76	5	2.424	119	0.102
8/12/2015	1:30 PM	104,538.9	WMT	1.84	1,376.32	1	1.840	24	0.077
8/11/2015	1:20 PM	104,355.1	WMT	29.55	22,103.40	15	1.970	363	0.081
7/27/2015	10:00 AM	101,400.0	WB	51.00	38,148.00	27	1.889	648	0.079
6/30/2015	10:00 AM	96,300.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

METER EVALUATION NOTES:

See Findings and Recommendations Report for specific meter notes.

This report was prepared by Advanced Environmental Landscape Design & Consulting, LLC. If you have any questions regarding this report, please contact us at (909) 980-8300 or water@aelandscaped.com

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 3

Property Name	Villa Plumosa		
Meter Number	67718627	Meter Type	Domestic
Account Number	914743-101502	Meter Type	1"

REPORT DATED
10/23/2017

Backflow Details: Designated Backflow Size _____ Pressure Regulator?

DOMESTIC ANALYSIS

Each meter services different types of buildings, water features, etc. The following budgets have been created for each type of coverage below:

Coverage Type	Multi-Unit Building				
Description					TOTALS
Units Served	13				13
Budget/Month/Unit	14				
Daily Budget Total	5.98				6.0
Monthly Budget Total	182.00				182.0

The following calculations are based on the data collected from the physical meter readings and water bills:

		Projected vs. Actual Water Bill Analysis					
Physical Daily-Average	2.747			Projected		Most Recent	
		Tier 1 @	\$2.70	84	\$226.80	76	\$205.20
Physical Monthly-Average	83.55	Tier 2 @					
		Tier 3 @					
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS	84	\$226.80	76	\$205.20	
	1 Inch Meter Basic Service Charge		\$32.49		\$32.49		
	Conservation Credit						
	TOTAL USAGE & CHARGES		\$259.29		\$237.69		

PHYSICAL METER READINGS

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
10/19/2017 9:15 AM	547,119.0	RST	63.19	47,266.12	23	2.747	551	0.115
9/26/2017 10:00 AM	540,800.0	WB	32.10	24,010.80	11	2.918	264	0.122
9/15/2017 10:20 AM	537,590.0	RST	43.90	32,837.20	15	2.927	360	0.122
8/31/2017 10:00 AM	533,200.0	WB	39.97	29,897.56	16	2.498	386	0.104
8/15/2017 8:15 AM	529,203.0	RST	40.03	29,942.44	14	2.859	334	0.120
8/1/2017 10:00 AM	525,200.0	WB	94.00	70,312.00	34	2.765	816	0.115
6/28/2017 10:00 AM	515,800.0	WB	87.00	65,076.00	28	3.107	672	0.129
5/31/2017 10:00 AM	507,100.0	WB	104.00	77,792.00	36	2.889	864	0.120
4/25/2017 10:00 AM	496,700.0	WB	87.00	65,076.00	27	3.222	648	0.134
3/29/2017 10:00 AM	488,000.0	WB	33.23	24,856.04	28	1.187	672	0.049

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 3

3/1/2017	10:00 AM	484,677.0	RST	84.43	63,153.64	14	6.031	331	0.255
2/15/2017	3:06 PM	476,234.0	RST	43.34	32,418.32	15	2.889	365	0.119
1/31/2017	10:00 AM	471,900.0	WB	38.23	28,596.04	12	3.186	288	0.133
1/19/2017	10:04 AM	468,077.0	RST	65.77	49,195.96	24	2.740	576	0.114
12/26/2016	10:00 AM	461,500.0	WB	20.88	15,618.24	7	2.983	166	0.126
12/19/2016	12:00 PM	459,412.0	RST	58.12	43,473.76	19	3.059	458	0.127
11/30/2016	10:00 AM	453,600.0	WB	89.00	66,572.00	29	3.069	696	0.128
11/1/2016	10:00 AM	444,700.0	WB	88.00	65,824.00	34	2.588	816	0.108
9/28/2016	10:00 AM	435,900.0	WB	89.00	66,572.00	30	2.967	720	0.124
8/29/2016	10:00 AM	427,000.0	WB	92.00	68,816.00	34	2.706	816	0.113
7/26/2016	10:00 AM	417,800.0	WB	76.00	56,848.00	28	2.714	672	0.113
6/28/2016	10:00 AM	410,200.0	WB	77.00	57,596.00	27	2.852	648	0.119
6/1/2016	10:00 AM	402,500.0	WB	95.00	71,060.00	35	2.714	840	0.113
4/27/2016	10:00 AM	393,000.0	WB	78.00	58,344.00	30	2.600	720	0.108
3/28/2016	10:00 AM	385,200.0	WB	74.00	55,352.00	28	2.643	672	0.110
2/29/2016	10:00 AM	377,800.0	WB	107.00	80,036.00	35	3.057	840	0.127
1/25/2016	10:00 AM	367,100.0	WB	94.00	70,312.00	27	3.481	648	0.145
12/29/2015	10:00 AM	357,700.0	WB	93.00	69,564.00	28	3.321	672	0.138
12/1/2015	10:00 AM	348,400.0	WB	116.00	86,768.00	35	3.314	840	0.138
10/27/2015	10:00 AM	336,800.0	WB	99.00	74,052.00	29	3.414	696	0.142
9/28/2015	10:00 AM	326,900.0	WB	96.00	71,808.00	28	3.429	672	0.143
8/31/2015	10:00 AM	317,300.0	WB	114.00	85,272.00	35	3.257	840	0.136
7/27/2015	10:00 AM	305,900.0	WB	96.00	71,808.00	27	3.556	648	0.148
6/30/2015	10:00 AM	296,300.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

METER EVALUATION NOTES:

See Findings and Recommendations Report for specific meter notes.

This report was prepared by Advanced Environmental Landscape Design & Consulting, LLC. If you have any questions regarding this report, please contact us at (909) 980-8300 or water@aelandscaped

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 4

Property Name	Villa Plumosa		
Meter Number	52095751	Meter Type	Domestic
Account Number	945322-111044	Meter Type	1"

REPORT DATED
10/23/2017

Backflow Details: Designated Backflow Size _____ Pressure Regulator?

DOMESTIC ANALYSIS

Each meter services different types of buildings, water features, etc. The following budgets have been created for each type of coverage below:

Coverage Type	Multi-Unit Building				TOTALS
Description					
Units Served	13				13
Budget/Month/Unit	14				
Daily Budget Total	5.98				6.0
Monthly Budget Total	182.00				182.0

The following calculations are based on the data collected from the physical meter readings and water bills:

		Projected vs. Actual Water Bill Analysis					
Physical Daily-Average	2.693	Projected			Most Recent		
		Tier 1 @	\$2.70	82	\$221.40	72	\$194.40
Physical Monthly-Average	81.91	Tier 2 @					
		Tier 3 @					
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS	82	\$221.40	72	\$194.40	
1 Inch Meter Basic Service Charge			\$32.49		\$32.49		
Backflow Fee			\$4.66		\$4.66		
Residential Penalty Block							
Conservation Credit							
TOTAL USAGE & CHARGES			\$258.55		\$231.55		

PHYSICAL METER READINGS

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
10/19/2017 9:15 AM	513,395.0	RST	61.95	46,338.60	23	2.693	551	0.112
9/26/2017 10:00 AM	507,200.0	WB	28.29	21,160.92	11	2.572	264	0.107
9/15/2017 10:20 AM	504,371.0	RST	43.71	32,695.08	15	2.914	360	0.121
8/31/2017 10:00 AM	500,000.0	WB	37.53	28,072.44	16	2.346	384	0.098
8/15/2017 10:00 AM	496,247.0	RST	34.47	25,783.56	14	2.462	336	0.103
8/1/2017 10:00 AM	492,800.0	WB	87.00	65,076.00	34	2.559	816	0.107
6/28/2017 10:00 AM	484,100.0	WB	165.00	123,420.00	64	2.578	1536	0.107
4/25/2017 10:00 AM	467,600.0	WB	68.00	50,864.00	28	2.429	672	0.101
3/28/2017 10:00 AM	460,800.0	WB	20.90	15,633.20	27	0.774	648	0.032
3/1/2017 10:00 AM	458,709.8	RST	67.84	50,744.32	14	4.846	331	0.205

This report was prepared by Advanced Environmental Landscape Design & Consulting, LLC. If you have any questions regarding this report, please contact us at (909) 980-8300 or water@aelandscaped.com

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 4

2/15/2017	3:06 PM	451,926.0	RST	36.26	27,122.48	15	2.417	365	0.099
1/31/2017	10:00 AM	448,300.0	WB	29.27	21,893.96	12	2.439	288	0.102
1/19/2017	10:06 AM	445,373.0	RST	56.73	42,434.04	24	2.364	576	0.098
12/26/2016	10:00 AM	439,700.0	WB	15.59	11,661.32	7	2.227	166	0.094
12/19/2016	12:00 PM	438,141.0	RST	42.41	31,722.68	19	2.232	458	0.093
11/30/2016	10:00 AM	433,900.0	WB	31.00	23,188.00	14	2.214	336	0.092
11/16/2016	10:40 AM	430,799.9	RST	37.00	27,676.00	15	2.467	360	0.103
11/1/2016	10:00 AM	427,100.0	WB	28.85	21,579.80	13	2.219	306	0.094
10/19/2016	4:30 PM	424,215.0	RST	19.60	14,660.80	8	2.450	195	0.101
10/11/2016	1:00 PM	422,254.7	RST	31.55	23,599.40	13	2.427	315	0.100
9/28/2016	10:00 AM	419,100.0	WB	32.83	24,556.84	13	2.525	313	0.105
9/15/2016	9:00 AM	415,817.0	RST	41.17	30,795.16	17	2.422	407	0.101
8/29/2016	10:00 AM	411,700.0	WB	33.56	25,102.88	14	2.397	330	0.102
8/15/2016	4:20 PM	408,344.0	RST	47.44	35,485.12	20	2.372	486	0.098
7/26/2016	10:00 AM	403,600.0	WB	10.15	7,592.20	5	2.030	121	0.084
7/21/2016	9:30 AM	402,585.0	RST	51.85	38,783.80	23	2.254	551	0.094
6/28/2016	10:00 AM	397,400.0	WB	14.56	10,890.88	6	2.427	138	0.106
6/22/2016	4:20 PM	395,944.0	RST	57.44	42,965.12	21	2.735	510	0.113
6/1/2016	10:00 AM	390,200.0	WB	20.91	15,640.68	9	2.323	210	0.100
5/23/2016	4:40 PM	388,109.0	RST	68.09	50,931.32	26	2.619	630	0.108
4/27/2016	10:00 AM	381,300.0	WB	21.36	15,977.28	8	2.670	188	0.114
4/19/2016	2:25 PM	379,164.0	RST	56.64	42,366.72	22	2.575	532	0.106
3/28/2016	10:00 AM	373,500.0	WB	17.85	13,351.80	7	2.550	164	0.109
3/21/2016	2:50 PM	371,715.0	RST	50.15	37,512.20	21	2.388	508	0.099
2/29/2016	10:00 AM	366,700.0	WB	13.68	10,232.64	6	2.280	139	0.098
2/23/2016	3:06 PM	365,332.0	RST	51.41	38,454.68	21	2.448	509	0.101
2/2/2016	10:00 AM	360,191.0	RST	14.91	11,152.68	8	1.864	192	0.078
1/25/2016	10:00 AM	358,700.0	WB	66.00	49,368.00	27	2.444	648	0.102
12/29/2015	10:00 AM	352,100.0	WB	32.16	24,055.68	14	2.297	331	0.097
12/15/2015	3:15 PM	348,884.0	RST	34.84	26,060.32	14	2.489	341	0.102
12/1/2015	10:00 AM	345,400.0	WB	86.00	64,328.00	35	2.457	840	0.102
10/27/2015	10:00 AM	336,800.0	WB	71.00	53,108.00	29	2.448	696	0.102
9/28/2015	10:00 AM	329,700.0	WB	69.00	51,612.00	28	2.464	672	0.103
8/31/2015	10:00 AM	322,800.0	WB	30.34	22,694.32	14	2.167	334	0.091
8/17/2015	12:20 PM	319,766.5	WMT	13.15	9,836.20	5	2.630	119	0.111
8/12/2015	1:35 PM	318,451.7	WMT	2.46	1,840.08	1	2.460	24	0.103
8/11/2015	1:25 PM	318,205.9	WMT	36.06	26,972.88	15	2.404	363	0.099
7/27/2015	10:00 AM	314,600.0	WB	61.00	45,628.00	27	2.259	648	0.094
6/30/2015	10:00 AM	308,500.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

METER EVALUATION NOTES:

See Findings and Recommendations Report for specific meter notes.

This report was prepared by Advanced Environmental Landscape Design & Consulting, LLC. If you have any questions regarding this report, please contact us at (909) 980-8300 or water@aelandscaped

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 5

Property Name	Villa Plumosa		
Meter Number	59237634	Meter Type	Domestic
Account Number	919522-102994	Meter Type	1.5"

REPORT DATED
10/23/2017

Backflow Details: Designated Backflow Size _____ Pressure Regulator?

DOMESTIC ANALYSIS

Each meter services different types of buildings, water features, etc. The following budgets have been created for each type of coverage below:

Coverage Type	Multi-Unit Building				TOTALS
Description					
Units Served	13				13
Budget/Month/Unit	14				
Daily Budget Total	5.98				6.0
Monthly Budget Total	182.00				182.0

The following calculations are based on the data collected from the physical meter readings and water bills:

		Projected vs. Actual Water Bill Analysis					
Physical Daily-Average	3.861	Projected		Most Recent			
	Physical Monthly-Average	117.44	Tier 1 @	\$2.70	117	\$315.90	103
		Tier 2 @					
		Tier 3 @					
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		117	\$315.90	103	\$278.10
		1 1/2" Basic Service Charge			\$64.78		\$64.78
		Backflow Fee			\$2.33		\$2.33
		Fire Detector Charge 6"			\$35.00		\$35.00
		Residential Penalty Block			\$0.00		
		Conservation Credit					
		TOTAL USAGE & CHARGES			\$418.01		\$380.21

PHYSICAL METER READINGS

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
10/19/2017 9:15 AM	1,303,881.0	RST	88.81	66,429.88	23	3.861	551	0.161
9/26/2017 10:00 AM	1,295,000.0	WB	41.97	31,393.56	11	3.815	264	0.159
9/15/2017 10:20 AM	1,290,803.0	RST	61.03	45,650.44	15	4.069	360	0.170
8/31/2017 10:00 AM	1,284,700.0	WB	54.19	40,534.12	16	3.387	386	0.140
8/15/2017 8:15 AM	1,279,281.0	RST	52.81	39,501.88	14	3.772	334	0.158
8/1/2017 10:00 AM	1,274,000.0	WB	378.00	282,744.00	98	3.857	2352	0.161
4/25/2017 10:00 AM	1,236,200.0	WB	108.00	80,784.00	28	3.857	672	0.161
3/28/2017 10:00 AM	1,225,400.0	WB	137.35	102,737.80	27	5.087	648	0.212
3/1/2017 10:00 AM	1,211,665.0	RST	5.81	4,345.88	14	0.415	331	0.018
2/15/2017 3:06 PM	1,211,084.0	RST	51.84	38,776.32	15	3.456	365	0.142

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 5

1/31/2017	10:00 AM	1,205,900.0	WB	42.80	32,014.40	12	3.567	288	0.149
1/19/2017	10:08 AM	1,201,620.0	RST	79.20	59,241.60	24	3.300	576	0.138
12/26/2016	10:00 AM	1,193,700.0	WB	21.79	16,298.92	7	3.113	166	0.131
12/19/2016	12:00 PM	1,191,521.0	RST	64.21	48,029.08	19	3.379	458	0.140
11/30/2016	10:00 AM	1,185,100.0	WB	47.83	35,776.84	14	3.416	336	0.142
11/16/2016	10:23 AM	1,180,317.0	RST	54.17	40,519.16	15	3.611	360	0.150
11/1/2016	10:00 AM	1,174,900.0	WB	38.72	28,962.56	13	2.978	306	0.127
10/19/2016	4:30 PM	1,171,028.0	RST	27.79	20,786.92	8	3.474	195	0.143
10/11/2016	1:00 PM	1,168,248.6	WMT	44.49	33,278.52	13	3.422	315	0.141
9/28/2016	10:00 AM	1,163,800.0	WB	45.42	33,974.16	13	3.494	313	0.145
9/15/2016	9:00 AM	1,159,258.0	RST	58.58	43,817.84	17	3.446	407	0.144
8/29/2016	10:00 AM	1,153,400.0	WB	47.92	35,844.16	14	3.423	330	0.145
8/15/2016	4:20 PM	1,148,608.0	RST	70.08	52,419.84	20	3.504	486	0.144
7/26/2016	10:00 AM	1,141,600.0	WB	16.31	12,199.88	5	3.262	121	0.135
7/21/2016	9:30 AM	1,139,969.0	RST	71.69	53,624.12	23	3.117	551	0.130
6/28/2016	10:00 AM	1,132,800.0	WB	19.63	14,683.24	6	3.272	138	0.142
6/22/2016	4:25 PM	1,130,837.0	RST	72.37	54,132.76	21	3.446	510	0.142
6/1/2016	10:00 AM	1,123,600.0	WB	27.50	20,570.00	9	3.056	210	0.131
5/23/2016	4:45 PM	1,120,850.0	RST	86.50	64,702.00	26	3.327	630	0.137
4/27/2016	10:00 AM	1,112,200.0	WB	24.96	18,670.08	8	3.120	188	0.133
4/19/2016	2:30 PM	1,109,704.0	RST	73.04	54,633.92	22	3.320	532	0.137
3/28/2016	10:00 AM	1,102,400.0	WB	23.57	17,630.36	7	3.367	164	0.144
3/21/2016	2:55 PM	1,100,043.0	RST	71.43	53,429.64	21	3.401	508	0.141
2/29/2016	10:00 AM	1,092,900.0	WB	21.09	15,775.32	6	3.515	140	0.151
2/23/2016	2:24 PM	1,090,791.0	RST	90.41	67,626.68	26	3.477	621	0.146
1/28/2016	5:00 PM	1,081,750.0	RST	11.50	8,602.00	3	3.833	79	0.146
1/25/2016	10:00 AM	1,080,600.0	WB	93.00	69,564.00	27	3.444	648	0.144
12/29/2015	10:00 AM	1,071,300.0	WB	43.56	32,582.88	14	3.111	331	0.132
12/15/2015	3:00 PM	1,066,944.0	RST	47.44	35,485.12	14	3.389	341	0.139
12/1/2015	10:00 AM	1,062,200.0	WB	112.00	83,776.00	35	3.200	840	0.133
10/27/2015	10:00 AM	1,051,000.0	WB	93.00	69,564.00	29	3.207	696	0.134
9/28/2015	10:00 AM	1,041,700.0	WB	94.00	70,312.00	28	3.357	672	0.140
8/31/2015	10:00 AM	1,032,300.0	WB	43.84	32,792.32	14	3.131	334	0.131
8/17/2015	12:25 PM	1,027,916.4	WMT	21.39	15,999.72	5	4.278	119	0.180
8/12/2015	1:55 PM	1,025,777.9	WMT	3.64	2,722.72	1	3.640	24	0.152
8/11/2015	1:40 PM	1,025,413.6	WMT	54.14	40,496.72	15	3.609	363	0.149
7/27/2015	10:00 AM	1,020,000.0	WB	90.00	67,320.00	27	3.333	648	0.139
6/30/2015	10:00 AM	1,011,000.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

METER EVALUATION NOTES:

See Findings and Recommendations Report for specific meter notes.

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 6

Property Name	Villa Plumosa		
Meter Number	59237633	Meter Type	Domestic
Account Number	956398-114526	Meter Type	1.5"

REPORT DATED
10/23/2017

Backflow Details: Designated Backflow Size _____ Pressure Regulator?

DOMESTIC ANALYSIS

Each meter services different types of buildings, water features, etc. The following budgets have been created for each type of coverage below:

Coverage Type	Multi-Unit Building				TOTALS
Description					
Units Served	11				11
Budget/Month/Unit	14				
Daily Budget Total	5.06				5.1
Monthly Budget Total	154.00				154.0

The following calculations are based on the data collected from the physical meter readings and water bills:

		Projected vs. Actual Water Bill Analysis					
		Projected			Most Recent		
Physical Daily-Average	3.870	Tier 1 @	\$2.70	118	\$318.60	104	\$280.80
Physical Monthly-Average	117.71	Tier 2 @					
		Tier 3 @					
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		118	\$318.60	104	\$280.80
		1 1/2 "Meter Basic Service Charge			\$64.78		\$64.78
		Residential Penalty Block					
		Sewer Maintenance Charge			\$495.52		\$495.52
		Conservation Credit					
		TOTAL USAGE & CHARGES			\$878.90		\$841.10

PHYSICAL METER READINGS

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
10/19/2017 9:15 AM	1,298,002.0	RST	89.02	66,586.96	23	3.870	551	0.162
9/26/2017 10:00 AM	1,289,100.0	WB	41.26	30,862.48	11	3.751	264	0.156
9/15/2017 10:20 AM	1,284,974.0	RST	62.74	46,929.52	15	4.183	360	0.174
8/31/2017 10:00 AM	1,278,700.0	WB	54.54	40,795.92	16	3.409	386	0.141
8/15/2017 8:15 AM	1,273,246.0	RST	50.46	37,744.08	14	3.604	334	0.151
8/1/2017 10:00 AM	1,268,200.0	WB	130.00	97,240.00	34	3.824	816	0.159
6/28/2017 10:00 AM	1,255,200.0	WB	109.00	81,532.00	28	3.893	672	0.162
5/31/2017 10:00 AM	1,244,300.0	WB	337.97	252,801.56	91	3.714	2184	0.155
3/1/2017 10:00 AM	1,210,503.0	RST	49.44	36,981.12	14	3.531	331	0.149
2/15/2017 3:09 PM	1,205,559.0	RST	54.59	40,833.32	15	3.639	365	0.150

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 6

1/31/2017	10:00 AM	1,200,100.0	WB	45.47	34,011.56	12	3.789	288	0.158
1/19/2017	10:10 AM	1,195,553.0	RST	85.53	63,976.44	24	3.564	576	0.148
12/26/2016	10:00 AM	1,187,000.0	WB	22.79	17,046.92	7	3.256	166	0.137
12/19/2016	12:00 PM	1,184,721.0	RST	68.21	51,021.08	19	3.590	458	0.149
11/30/2016	10:00 AM	1,177,900.0	WB	51.12	38,237.76	14	3.651	336	0.152
11/16/2016	10:25 AM	1,172,788.0	RST	57.88	43,294.24	15	3.859	360	0.161
11/1/2016	10:00 AM	1,167,000.0	WB	40.09	29,987.32	13	3.084	306	0.131
10/19/2016	4:30 PM	1,162,991.0	RST	28.67	21,445.16	8	3.584	195	0.147
10/11/2016	1:00 PM	1,160,123.6	WMT	45.24	33,839.52	13	3.480	315	0.144
9/28/2016	10:00 AM	1,155,600.0	WB	44.40	33,211.20	13	3.415	313	0.142
9/15/2016	9:00 AM	1,151,160.0	RST	60.60	45,328.80	17	3.565	407	0.149
8/29/2016	10:00 AM	1,145,100.0	WB	50.43	37,721.64	14	3.602	330	0.153
8/15/2016	4:20 PM	1,140,057.0	RST	73.57	55,030.36	20	3.679	486	0.151
7/26/2016	10:00 AM	1,132,700.0	WB	17.22	12,880.56	5	3.444	121	0.142
7/21/2016	9:30 AM	1,130,978.0	RST	76.78	57,431.44	23	3.338	551	0.139
6/28/2016	10:00 AM	1,123,300.0	WB	19.77	14,787.96	6	3.295	138	0.143
6/22/2016	4:30 PM	1,121,323.0	RST	72.23	54,028.04	21	3.440	510	0.142
6/1/2016	10:00 AM	1,114,100.0	WB	27.90	20,869.20	9	3.100	210	0.133
5/23/2016	4:50 PM	1,111,310.0	RST	84.10	62,906.80	26	3.235	630	0.133
4/27/2016	10:00 AM	1,102,900.0	WB	24.42	18,266.16	8	3.053	188	0.130
4/19/2016	2:35 PM	1,100,458.0	RST	72.58	54,289.84	22	3.299	532	0.136
3/28/2016	10:00 AM	1,093,200.0	WB	23.57	17,630.36	7	3.367	163	0.145
3/21/2016	3:00 PM	1,090,843.0	RST	71.43	53,429.64	21	3.401	509	0.140
2/29/2016	10:00 AM	1,083,700.0	WB	20.33	15,206.84	6	3.388	140	0.145
2/23/2016	2:22 PM	1,081,667.0	RST	41.34	30,922.32	12	3.445	293	0.141
2/11/2016	9:00 AM	1,077,533.0	RST	3.50	2,618.00	1	3.500	24	0.146
2/10/2016	9:00 AM	1,077,183.0	RST	23.64	17,682.72	13	1.818	304	0.078
1/28/2016	5:00 PM	1,074,819.0	RST	31.19	23,330.12	3	10.397	79	0.395
1/25/2016	10:00 AM	1,071,700.0	WB	92.00	68,816.00	27	3.407	648	0.142
12/29/2015	10:00 AM	1,062,500.0	WB	42.82	32,029.36	14	3.059	332	0.129
12/15/2015	2:55 PM	1,058,218.0	RST	46.18	34,542.64	14	3.299	340	0.136
12/1/2015	10:00 AM	1,053,600.0	WB	109.00	81,532.00	35	3.114	840	0.130
10/27/2015	10:00 AM	1,042,700.0	WB	97.00	72,556.00	29	3.345	696	0.139
9/28/2015	10:00 AM	1,033,000.0	WB	96.00	71,808.00	28	3.429	672	0.143
8/31/2015	10:00 AM	1,023,400.0	WB	44.18	33,046.64	14	3.156	334	0.132
8/17/2015	12:45 PM	1,018,982.5	WMT	21.45	16,044.60	5	4.290	119	0.180
8/12/2015	1:55 PM	1,016,837.5	WMT	3.67	2,745.16	1	3.670	24	0.153
8/11/2015	1:40 PM	1,016,470.8	WMT	53.71	40,175.08	15	3.581	363	0.148
7/27/2015	10:00 AM	1,011,100.0	WB	90.00	67,320.00	27	3.333	648	0.139
6/30/2015	10:00 AM	1,002,100.0	WB	115.00	86,020.00	29	3.966	696	0.165
6/1/2015	10:00 AM	990,600.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

METER EVALUATION NOTES:

See Findings and Recommendations Report for specific meter notes.

This report was prepared by Advanced Environmental Landscape Design & Consulting, LLC. If you have any questions regarding this report, please contact us at (909) 980-8300 or water@aelandscaped

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LLC

METER ID# 7

Property Name	Villa Plumosa		
Meter Number	70019038	Meter Type	Landscape
Account Number	933443-107342	Meter Type	2"

REPORT DATED
10/23/2017

Backflow Details: Designated Backflow Size Pressure Regulator?

LANDSCAPE ANALYSIS

The following calculations are based on the data collected from the physical meter readings and water bills:

	MAWA Analysis
Current ETo (Monthly)	7.21
Monthly Budget	338.85

Allocated S/F (Landscape) 81,000

WBIC (Weather Based Irrigation Controller)

WBIC-MAKE/MODEL HUNTER I-CORE W/SOLAR SYNC

PRECISION NOZZLES

DROUGHT TOLERANT LANDSCAPE

Projected vs. Actual Water Bill Analysis

	Projected		Most Recent	
Tier 1 @ \$2.70	565	\$1,525.50	681	\$1,838.70
Tier 2 @				
Tier 3 @				
Tier 4 @				
Tier 5 @				
WATER CONSUMPTION TOTALS	565	\$1,525.50	681	\$1,838.70
2" Basic Service Charge		\$103.69		\$103.69
Irrigation Penalty Block		\$0.00		\$0.00
Conservation Credit				
TOTAL USAGE & CHARGES		\$1,629.19		\$1,942.39

PHYSICAL METER READINGS

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
10/19/2017 9:15 AM	2,857,887.0	RST	432.87	323,786.76	23	18.820	551	0.786
9/26/2017 10:00 AM	2,814,600.0	WB	325.21	243,257.08	11	29.565	264	1.232
9/15/2017 10:20 AM	2,782,079.0	RST	32.91	24,616.68	3	10.970	71	0.464
9/12/2017 11:05 AM	2,778,787.8	WMT	322.88	241,514.24	12	26.907	289	1.117
8/31/2017 10:00 AM	2,746,500.0	WB	413.79	309,514.92	16	25.862	386	1.072
8/15/2017 8:15 AM	2,705,121.0	RST	410.21	306,837.08	14	29.301	334	1.228
8/1/2017 10:00 AM	2,664,100.0	WB	698.00	522,104.00	34	20.529	816	0.855
6/28/2017 10:00 AM	2,594,300.0	WB	554.00	414,392.00	28	19.786	672	0.824
5/31/2017 10:00 AM	2,538,900.0	WB	333.00	249,084.00	36	9.250	864	0.385
4/25/2017 10:00 AM	2,505,600.0	WB	333.00	249,084.00	28	11.893	672	0.496
3/28/2017 10:00 AM	2,472,300.0	WB	76.11	56,930.28	27	2.819	648	0.117

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LLC

METER ID# 7

3/1/2017	10:00 AM	2,464,689.0	RST	212.43	158,897.64	14	15.174	331	0.642
2/15/2017	3:09 PM	2,443,446.0	RST	63.31	47,355.88	15	4.221	365	0.173
1/31/2017	10:00 AM	2,437,115.0	WB	0.00	0.00	12	0.000	288	0.000
1/19/2017	10:12 AM	2,437,115.0	RST	49.15	36,764.20	24	2.048	576	0.085
12/26/2016	10:00 AM	2,432,200.0	WB	8.31	6,215.88	7	1.187	166	0.050
12/19/2016	12:00 PM	2,431,369.0	RST	86.69	64,844.12	19	4.563	458	0.189
11/30/2016	10:00 AM	2,422,700.0	WB	60.73	45,426.04	14	4.338	336	0.181
11/16/2016	10:27 AM	2,416,627.0	RST	125.27	93,701.96	15	8.351	360	0.348
11/1/2016	10:00 AM	2,404,100.0	WB	19.47	14,563.56	4	4.868	93	0.209
10/28/2016	1:00 PM	2,402,153.4	WMT	56.84	42,516.32	9	6.316	213	0.267
10/19/2016	4:30 PM	2,396,469.0	RST	50.11	37,482.28	8	6.264	195	0.257
10/11/2016	1:00 PM	2,391,458.2	WMT	128.58	96,177.84	13	9.891	315	0.408
9/28/2016	10:00 AM	2,378,600.0	WB	156.49	117,054.52	13	12.038	313	0.500
9/15/2016	9:00 AM	2,362,951.0	RST	187.51	140,257.48	17	11.030	407	0.461
8/29/2016	10:00 AM	2,344,200.0	WB	162.35	121,437.80	14	11.596	330	0.492
8/15/2016	4:20 PM	2,327,965.0	RST	201.65	150,834.20	20	10.083	486	0.415
7/26/2016	10:00 AM	2,307,800.0	WB	63.67	47,625.16	5	12.734	121	0.526
7/21/2016	9:30 AM	2,301,433.0	RST	241.33	180,514.84	23	10.493	551	0.438
6/28/2016	10:00 AM	2,277,300.0	WB	75.92	56,788.16	6	12.653	138	0.550
6/22/2016	4:30 PM	2,269,708.0	RST	205.08	153,399.84	21	9.766	510	0.402
6/1/2016	10:00 AM	2,249,200.0	WB	91.58	68,501.84	9	10.176	210	0.436
5/23/2016	4:55 PM	2,240,042.0	RST	187.42	140,190.16	26	7.208	630	0.297
4/27/2016	10:00 AM	2,221,300.0	WB	50.64	37,878.72	8	6.330	188	0.269
4/19/2016	2:40 PM	2,216,236.0	RST	88.36	66,093.28	22	4.016	532	0.166
3/28/2016	10:00 AM	2,207,400.0	WB	27.92	20,884.16	7	3.989	163	0.171
3/21/2016	3:05 PM	2,204,608.0	RST	29.08	21,751.84	21	1.385	509	0.057
2/29/2016	10:00 AM	2,201,700.0	WB	12.87	9,626.76	6	2.145	140	0.092
2/23/2016	2:20 PM	2,200,413.0	RST	44.06	32,956.88	21	2.098	504	0.087
2/2/2016	2:00 PM	2,196,007.0	RST	0.00	0.00	5	0.000	119	0.000
1/28/2016	3:35 PM	2,196,007.0	RST	16.07	12,020.36	3	5.357	77	0.209
1/25/2016	10:00 AM	2,194,400.0	WB	19.00	14,212.00	27	0.704	648	0.029
12/29/2015	10:00 AM	2,192,500.0	WB	13.39	10,015.72	14	0.956	332	0.040
12/15/2015	2:50 PM	2,191,161.0	RST	18.61	13,920.28	14	1.329	340	0.055
12/1/2015	10:00 AM	2,189,300.0	WB	67.42	50,430.16	26	2.593	622	0.108
11/5/2015	12:48 PM	2,182,558.0	WMT	65.58	49,053.84	9	7.287	218	0.301
10/27/2015	10:00 AM	2,176,000.0	WB	375.00	280,500.00	29	12.931	696	0.539
9/28/2015	10:00 AM	2,138,500.0	WB	678.00	507,144.00	28	24.214	672	1.009
8/31/2015	10:00 AM	2,070,700.0	WB	298.19	223,046.12	14	21.299	334	0.893
8/17/2015	12:50 PM	2,040,881.5	WMT	223.38	167,088.24	5	44.676	119	1.877
8/12/2015	1:55 PM	2,018,543.9	WMT	0.00	0.00	1	0.000	24	0.000
8/11/2015	1:45 PM	2,018,543.9	WMT	243.44	182,093.12	15	16.229	363	0.671
7/27/2015	10:00 AM	1,994,200.0	WB	254.00	189,992.00	27	9.407	648	0.392
6/30/2015	10:00 AM	1,968,800.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LLC

METER ID# 8

Property Name	Villa Plumosa		
Meter Number	52095750	Meter Type	Fire Service
Account Number	950701-112752	Meter Type	1"

REPORT DATED
10/23/2017

Backflow Details: Designated Backflow Size _____ Pressure Regulator?

DOMESTIC ANALYSIS

Each meter services different types of buildings, water features, etc. The following budgets have been created for each type of coverage below:

Coverage Type	Fire Service	Fire Service	Fire Service		
Description	Fire Service	Fire Service	Fire Service		TOTALS
Units Served	0	0	0		0
Budget/Month/Unit	0	0	0		
Daily Budget Total	0.00	0.00	0.00		0.0
Monthly Budget Total	0.00	0.00	0.00		0.0

The following calculations are based on the data collected from the physical meter readings and water bills:

Projected vs. Actual Water Bill Analysis

Multiple Meters on Water Account:

Meter Number	Size		Projected		Most Recent		
Meter A 52095750	1"	Tier 1 @					
Meter B 35329855	4"	Tier 2 @					
Meter C 35329854	4"	Tier 3 @					
		Tier 4 @					
		Tier 5 @					
Daily Avg. Meter A	0.000	WATER CONSUMPTION TOTALS		0	\$0.00	0	\$0.00
Daily Avg. Meter B	0.000	1 Inch Meter Basic Service Charge			\$32.49		\$32.49
Daily Avg. Meter C	0.000	Fire Detector Charge 4"			\$16.00		\$16.00
Daily Avg Meter Total	0.000	Fire Detector Charge 4"			\$16.00		\$16.00
Monthly Avg Meter Total	0.000	Conservation Credit					
		TOTAL USAGE & CHARGES			\$64.49		\$64.49

PHYSICAL METER READINGS

METER A:

Date & Time	Meter Reading	Reading Source	Usage (hcf)	Usage (gallons)	Days in Cycle	Daily Average (hcf)	Hours in Cycle	Hourly Average (hcf)
8/1/2017 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
6/28/2017 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
5/31/2017 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
2/28/2017 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
1/31/2017 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
12/26/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
11/30/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
11/1/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
9/28/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A
8/29/2016 10:00 AM	0.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

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