



Advanced Environmental Landscape
Design & Consulting, LLC

CSLB C-27 Lic#708716
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WATER MANAGEMENT **WATER ANALYSIS & RECOMMENDATIONS**

Property Name: Vista Cascade
Report Dated: 10/27/2017

HIGH PRIORITY RECOMMENDATIONS

High Priority Recommendations & Preventative Maintenance

WEBSITE LOGIN INFORMATION

Visit www.aelandscapedesign.com/nationalcore
Enter Password- watercore

1. **12/03/2015: 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)
 - a. 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

WATER USAGE ANALYSIS SUMMARY

(See individual meter reports for more detailed information)

DOMESTIC

Meter# 1: Daily Average, Projected Monthly and Recent Water bill are all below budget.
Meter# 2: Daily Average, Projected Monthly and Recent Water bill are all below budget.
Meter# 3: Daily Average, Projected Monthly and Recent Water bill are all below budget.
Meter# 4: Daily Average, Projected Monthly and Recent Water bill are all below budget.
Meter# 5: Daily Average, Projected Monthly and Recent Water bill are all below budget.
Meter# 6: Daily Average, Projected Monthly and Recent Water bill are all on budget.
Meter# 9: Daily Average, Projected Monthly and Recent Water bill are all below budget.
Meter #10: Daily Average, Projected Monthly and Recent Water bill are all below budget.
Meter# 11: Daily Average, Projected Monthly and Recent Water bill are all below budget.
Meter# 12: Daily Average, Projected Monthly and Recent Water bill are all below budget.

“Save Water Today, So We Have Water Tomorrow”



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LANDSCAPE

Landscape System:

Irrigation Map: Irrigation Map available online.

Weather Based Irrigation Controllers: Previously installed by construction.

Precision Nozzles: No Precision Nozzles are installed at this time. The Water District is now accepting applications for precision nozzles at \$4.00 each please request a proposal if you would like to proceed.

Turf Removal: Proposal submitted to National Core.

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

Controller in Compliance: Controller is not currently, please see notes below in landscape usage. -3/28

Landscape Usage:

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

Although the drought has ended, most water districts still encourage us to use the water restrictions that were set in place in order to continue to conserve. Due to the weather getting hotter, we have increased scheduling to ensure a healthy and green landscape. We will continue to monitor and we will reduce watering times as needed. In the meantime, landscape water programming is over budget.

Meter# 8: Daily Average, Projected Monthly and Recent Water bill are all above budget.

Although the drought has ended, most water districts still encourage us to use the water restrictions that were set in place in order to continue to conserve. Due to the weather getting hotter, we have increased scheduling to ensure a healthy and green landscape. We will continue to monitor and we will reduce watering times as needed. In the meantime, landscape water programming is over budget.

Pressure Testing: Not able to perform reading at site inspection.

(see recommendations)

“Save Water Today, So We Have Water Tomorrow”

Meter Summary Coversheet

Property Name Vista Cascade

Meter ID	Account Number	Meter Number	Meter Type
1	62329-11964	48652243	Domestic
2	62329-11920	67628364	Domestic
3	62329-11922	68465187	Domestic
4	62329-11924	71606109	Domestic
5	62329-11926	68392778	Domestic
6	62329-11928	46611915	Domestic
7	63483-40184	70931239	Landscape
8	63483-40186	70931240	Landscape
9	62329-11930	63144117	Domestic
10	62329-11932	46611907	Domestic
11	62329-11934	63424985	Domestic
12	62329-11936	68686169	Domestic

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 1

Property Name	Vista Cascade		
Meter Number	48652243	Meter Type	Domestic
Account Number	62329-11964	Meter Type	

REPORT DATED
10/25/2017

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	Multi-Unit Building			
Description	Bldg 1423 1/2(2 BDR)	Bldg 1423 1/2(3 BDR)			TOTALS
Units Served	2	4			6
Budget/Month/Unit	14	20			
Daily Budget Total	0.92	2.63			3.6
Monthly Budget Total	28.00	80.00			108.0

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	1.453	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	44.20	Tier 2 @	\$2.30	34	\$78.20	24	\$55.20
		Tier 3 @	\$2.53				
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		44	\$99.50	34	\$76.50
		Rialto Tax					\$8.99
		Monthly Service Chg			\$33.07		\$33.07
		Backflow Chg			\$2.84		\$2.84
		PAST DUE BALANCE					\$146.24
		TOTAL USAGE & CHARGES			\$135.41		\$267.64

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)
10/16/2017 10:30 AM	280,404.5	RST	29.05	21,729.40	20	1.453	480	0.061
9/26/2017 10:00 AM	277,500.0	WB	12.10	9,050.80	11	1.100	266	0.045
9/15/2017 8:10 AM	276,290.5	RST	38.81	29,029.88	31	1.252	744	0.052
8/15/2017 8:44 AM	272,409.5	RST	27.10	20,270.80	19	1.426	454	0.060
7/27/2017 10:00 AM	269,700.0	WB	23.52	17,592.96	13	1.809	312	0.075
7/14/2017 10:00 AM	267,348.4	RST	26.48	19,807.04	16	1.655	384	0.069
6/28/2017 10:00 AM	264,700.0	WB	68.92	51,552.16	44	1.566	1056	0.065
5/15/2017 10:00 AM	257,807.8	RST	27.08	20,255.84	19	1.425	456	0.059
4/26/2017 10:00 AM	255,100.0	WB	17.86	13,359.28	12	1.488	288	0.062
4/14/2017 10:00 AM	253,314.0	RST	28.14	21,048.72	17	1.655	408	0.069

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# 1

3/28/2017	10:00 AM	250,500.0	WB	22.73	17,002.04	13	1.748	312	0.073
3/15/2017	10:00 AM	248,227.0	RST	30.27	22,641.96	16	1.892	384	0.079
2/27/2017	10:00 AM	245,200.0	WB	19.96	14,930.08	12	1.663	288	0.069
2/15/2017	10:00 AM	243,204.4	RST	25.04	18,729.92	20	1.252	480	0.052
1/26/2017	10:00 AM	240,700.0	WB	14.46	10,816.08	9	1.607	218	0.066
1/17/2017	8:59 AM	239,254.1	RST	33.13	24,781.24	20	1.657	475	0.070
12/28/2016	1:30 PM	235,941.5	RST	1.42	1,062.16	1	1.420	27	0.053
12/27/2016	10:00 AM	235,800.0	WB	53.00	39,644.00	29	1.828	696	0.076
11/28/2016	10:00 AM	230,500.0	WB	22.43	16,777.64	13	1.725	313	0.072
11/15/2016	9:00 AM	228,257.4	RST	41.57	31,094.36	19	2.188	455	0.091
10/27/2016	10:00 AM	224,100.0	WB	26.69	19,964.12	13	2.053	312	0.086
10/14/2016	10:00 AM	221,431.3	RST	42.31	31,647.88	18	2.351	432	0.098
9/26/2016	10:00 AM	217,200.0	WB	14.03	10,494.44	11	1.275	265	0.053
9/15/2016	9:00 AM	215,797.4	RST	39.97	29,897.56	21	1.903	503	0.079
8/25/2016	10:00 AM	211,800.0	WB	20.78	15,543.44	10	2.078	241	0.086
8/15/2016	9:00 AM	209,722.4	RST	51.22	38,312.56	20	2.561	479	0.107
7/26/2016	10:00 AM	204,600.0	WB	28.00	20,944.00	11	2.545	266	0.105
7/15/2016	8:30 AM	201,800.0	RST	39.00	29,172.00	17	2.294	406	0.096
6/28/2016	10:00 AM	197,900.0	WB	19.91	14,892.68	13	1.532	312	0.064
6/15/2016	10:00 AM	195,909.3	RST	42.09	31,483.32	15	2.806	360	0.117
5/31/2016	10:00 AM	191,700.0	WB	34.33	25,678.84	15	2.289	360	0.095
5/16/2016	10:00 AM	188,266.7	RST	43.67	32,665.16	20	2.184	480	0.091
4/26/2016	10:00 AM	183,900.0	WB	13.23	9,896.04	8	1.654	191	0.069
4/18/2016	11:40 AM	182,577.2	RST	35.77	26,755.96	20	1.789	481	0.074
3/29/2016	10:00 AM	179,000.0	WB	42.67	31,917.16	28	1.524	670	0.064
3/1/2016	12:40 PM	174,732.8	WMT	9.33	6,978.84	5	1.866	122	0.076
2/25/2016	10:00 AM	173,800.0	WB	57.00	42,636.00	30	1.900	720	0.079
1/26/2016	10:00 AM	168,100.0	WB	41.00	30,668.00	29	1.414	696	0.059
12/28/2015	10:00 AM	164,000.0	WB	55.00	41,140.00	34	1.618	816	0.067
11/24/2015	10:00 AM	158,500.0	WB	27.00	20,196.00	28	0.964	672	0.040
10/27/2015	10:00 AM	155,800.0	WB	33.00	24,684.00	29	1.138	696	0.047
9/28/2015	10:00 AM	152,500.0	WB	50.00	37,400.00	32	1.563	768	0.065
8/27/2015	10:00 AM	147,500.0	WB	40.40	30,219.20	29	1.393	693	0.058
7/29/2015	1:45 PM	143,460.2	WMT	0.60	448.80	1	0.600	27	0.022
7/28/2015	10:00 AM	143,400.0	WMT	40.00	29,920.00	33	1.212	792	0.051
6/25/2015	10:00 AM	139,400.0	WB	36.00	26,928.00	29	1.241	696	0.052
5/27/2015	10:00 AM	135,800.0	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# 2

Property Name	Vista Cascade		
Meter Number	67628364	Meter Type	Domestic
Account Number	62329-11920	Meter Type	1"

REPORT DATED
10/25/2017

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	Bldg 1451 (2BDR)			TOTALS
Units Served	4			4
Budget/Month/Unit	14			
Daily Budget Total	1.84			1.8
Monthly Budget Total	56.00			56.0

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	0.587	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	17.85	Tier 2 @	\$2.30	8	\$18.40	5	\$11.50
		Tier 3 @	\$2.53				
		Tier 4 @	\$0.00				
		Tier 5 @	\$0.00				
		WATER CONSUMPTION TOTALS		18	\$39.70	15	\$32.80
		Rialto Tax					\$5.27
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$86.04
		TOTAL USAGE & CHARGES			\$72.77		\$157.18

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)
10/16/2017 10:32 AM	156,273.8	RST	11.74	8,781.52	20	0.587	480	0.024
9/26/2017 10:00 AM	155,100.0	WB	5.21	3,897.08	11	0.474	266	0.020
9/15/2017 8:15 AM	154,578.8	RST	9.79	7,322.92	17	0.576	406	0.024
8/29/2017 10:00 AM	153,600.0	WB	8.06	6,028.88	14	0.576	338	0.024
8/15/2017 8:46 AM	152,794.3	RST	12.94	9,679.12	19	0.681	454	0.029
7/27/2017 10:00 AM	151,500.0	WB	6.77	5,063.96	13	0.521	312	0.022
7/14/2017 10:00 AM	150,822.7	RST	11.23	8,400.04	16	0.702	384	0.029
6/28/2017 10:00 AM	149,700.0	WB	37.03	27,698.44	44	0.842	1056	0.035
5/15/2017 10:00 AM	145,997.2	RST	16.97	12,693.56	19	0.893	456	0.037
4/26/2017 10:00 AM	144,300.0	WB	11.81	8,833.88	12	0.984	288	0.041

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 2

4/14/2017	10:00 AM	143,118.9	RST	18.19	13,606.12	17	1.070	408	0.045
3/28/2017	10:00 AM	141,300.0	WB	11.06	8,272.88	13	0.851	312	0.035
3/15/2017	10:00 AM	140,193.6	RST	9.94	7,435.12	16	0.621	384	0.026
2/27/2017	10:00 AM	139,200.0	WB	6.57	4,914.36	12	0.548	288	0.023
2/15/2017	10:00 AM	138,543.0	RST	10.43	7,801.64	20	0.522	480	0.022
1/26/2017	10:00 AM	137,500.0	WB	4.31	3,223.88	9	0.479	218	0.020
1/17/2017	8:58 AM	137,068.6	RST	16.69	12,484.12	21	0.795	502	0.033
12/27/2016	10:00 AM	135,400.0	WB	6.02	4,502.96	12	0.502	289	0.021
12/15/2016	9:00 AM	134,798.0	RST	10.98	8,213.04	17	0.646	407	0.027
11/28/2016	10:00 AM	133,700.0	WB	8.98	6,717.04	13	0.691	313	0.029
11/15/2016	9:00 AM	132,801.8	RST	12.02	8,990.96	19	0.633	455	0.026
10/27/2016	10:00 AM	131,600.0	RW	7.35	5,497.80	13	0.565	312	0.024
10/14/2016	10:00 AM	130,865.4	RST	11.65	8,714.20	18	0.647	432	0.027
9/26/2016	10:00 AM	129,700.0	WB	4.75	3,553.00	11	0.432	265	0.018
9/15/2016	9:00 AM	129,225.1	RST	11.25	8,415.00	21	0.536	503	0.022
8/25/2016	10:00 AM	128,100.0	WB	5.10	3,814.80	10	0.510	241	0.021
8/15/2016	9:00 AM	127,590.0	RST	10.90	8,153.20	20	0.545	479	0.023
7/26/2016	10:00 AM	126,500.0	WB	6.11	4,570.28	11	0.555	266	0.023
7/15/2016	8:30 AM	125,889.1	RST	8.89	6,649.72	17	0.523	406	0.022
6/28/2016	10:00 AM	125,000.0	WB	5.19	3,882.12	13	0.399	312	0.017
6/15/2016	10:03 AM	124,481.0	RST	11.81	8,833.88	15	0.787	360	0.033
5/31/2016	10:00 AM	123,300.0	WB	9.85	7,367.80	15	0.657	360	0.027
5/16/2016	10:05 AM	122,315.1	RST	15.15	11,332.20	20	0.758	480	0.032
4/26/2016	10:00 AM	120,800.0	WB	33.00	24,684.00	28	1.179	672	0.049
3/29/2016	10:00 AM	117,500.0	WB	34.68	25,940.64	28	1.239	671	0.052
3/1/2016	11:45 AM	114,031.9	WMT	3.32	2,483.36	5	0.664	121	0.027
2/25/2016	10:00 AM	113,700.0	WB	20.00	14,960.00	30	0.667	720	0.028
1/26/2016	10:00 AM	111,700.0	WB	20.00	14,960.00	29	0.690	696	0.029
12/28/2015	10:00 AM	109,700.0	WB	26.00	19,448.00	34	0.765	816	0.032
11/24/2015	10:00 AM	107,100.0	WB	22.00	16,456.00	28	0.786	672	0.033
10/27/2015	10:00 AM	104,900.0	WB	22.00	16,456.00	29	0.759	696	0.032
9/28/2015	10:00 AM	102,700.0	WB	28.00	20,944.00	32	0.875	768	0.036
8/27/2015	10:00 AM	99,900.0	WB	20.33	15,206.84	22	0.924	523	0.039
8/5/2015	3:20 PM	97,867.3	WMT	5.31	3,971.88	6	0.885	144	0.037
7/30/2015	3:00 PM	97,336.6	WMT	1.64	1,226.72	1	1.640	28	0.059
7/29/2015	11:30 AM	97,172.9	WMT	0.73	546.04	1	0.730	25	0.029
7/28/2015	10:00 AM	97,100.0	WB	27.00	20,196.00	33	0.818	792	0.034
6/25/2015	10:00 AM	94,400.0	WB	24.00	17,952.00	29	0.828	696	0.034
5/27/2015	10:00 AM	92,000.0	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# 3

Property Name	Vista Cascade		
Meter Number	68465187	Meter Type	Domestic
Account Number	62329-11922	Meter Type	1"

REPORT DATED
10/25/2017

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	Bldg 1461 (2BDR)			TOTALS
Units Served	4			4
Budget/Month/Unit	14			
Daily Budget Total	1.84			1.8
Monthly Budget Total	56.00			56.0

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	0.794	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	24.15	Tier 2 @	\$2.30	14	\$32.20	12	\$27.60
		Tier 3 @	\$2.53				
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		24	\$53.50	22	\$48.90
		Rialto Tax					\$6.56
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$98.46
		TOTAL USAGE & CHARGES			\$86.57		\$186.99

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)
10/16/2017 10:30 AM	128,587.9	RST	15.88	11,878.24	20	0.794	480	0.033
9/26/2017 10:00 AM	127,000.0	WB	8.11	6,066.28	11	0.737	266	0.030
9/15/2017 8:20 AM	126,188.9	RST	13.89	10,389.72	17	0.817	406	0.034
8/29/2017 10:00 AM	124,800.0	WB	10.38	7,764.24	14	0.741	338	0.031
8/15/2017 8:46 AM	123,762.5	RST	15.63	11,691.24	19	0.823	454	0.034
7/27/2017 10:00 AM	122,200.0	WB	8.75	6,545.00	13	0.673	312	0.028
7/14/2017 10:00 AM	121,325.4	RST	13.25	9,911.00	16	0.828	384	0.035
6/28/2017 10:00 AM	120,000.0	WB	36.41	27,234.68	44	0.828	1056	0.034
5/15/2017 10:00 AM	116,358.9	RST	14.59	10,913.32	19	0.768	456	0.032
4/26/2017 10:00 AM	114,900.0	WB	8.14	6,088.72	12	0.678	288	0.028

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 3

4/14/2017	10:00 AM	114,086.1	RST	13.86	10,367.28	17	0.815	408	0.034
3/28/2017	10:00 AM	112,700.0	WB	9.32	6,971.36	13	0.717	312	0.030
3/15/2017	10:00 AM	111,768.3	RST	11.68	8,736.64	16	0.730	384	0.030
2/27/2017	10:00 AM	110,600.0	WB	6.77	5,063.96	12	0.564	288	0.024
2/15/2017	10:00 AM	109,923.0	RST	13.23	9,896.04	20	0.662	480	0.028
1/26/2017	10:00 AM	108,600.0	WB	4.36	3,261.28	9	0.484	218	0.020
1/17/2017	8:56 AM	108,163.6	RST	13.64	10,202.72	21	0.650	502	0.027
12/27/2016	10:00 AM	106,800.0	WB	7.52	5,624.96	12	0.627	289	0.026
12/15/2016	9:00 AM	106,048.1	RST	10.48	7,839.04	17	0.616	407	0.026
11/28/2016	10:00 AM	105,000.0	WB	7.76	5,804.48	13	0.597	313	0.025
11/15/2016	9:00 AM	104,224.0	RST	9.24	6,911.52	19	0.486	455	0.020
10/27/2016	10:00 AM	103,300.0	WB	10.93	8,175.64	13	0.841	312	0.035
10/14/2016	10:00 AM	102,207.0	RST	11.07	8,280.36	18	0.615	432	0.026
9/26/2016	10:00 AM	101,100.0	WB	5.46	4,084.08	11	0.496	265	0.021
9/15/2016	9:00 AM	100,554.2	RST	14.54	10,875.92	21	0.692	503	0.029
8/25/2016	10:00 AM	99,100.0	WB	5.78	4,323.44	10	0.578	241	0.024
8/15/2016	9:00 AM	98,521.7	RST	16.22	12,132.56	20	0.811	479	0.034
7/26/2016	10:00 AM	96,900.0	WB	6.56	4,906.88	11	0.596	266	0.025
7/15/2016	8:30 AM	96,244.3	RST	10.44	7,809.12	17	0.614	406	0.026
6/28/2016	10:00 AM	95,200.0	WB	5.30	3,964.40	13	0.408	312	0.017
6/15/2016	10:03 AM	94,670.4	RST	8.70	6,507.60	15	0.580	360	0.024
5/31/2016	10:00 AM	93,800.0	WB	8.57	6,410.36	15	0.571	360	0.024
5/16/2016	10:10 AM	92,942.7	RST	10.43	7,801.64	20	0.522	480	0.022
4/26/2016	10:00 AM	91,900.0	WB	4.91	3,672.68	8	0.614	191	0.026
4/18/2016	11:40 AM	91,408.9	RST	10.09	7,547.32	20	0.505	481	0.021
3/29/2016	10:00 AM	90,400.0	WB	17.12	12,805.76	28	0.611	671	0.026
3/1/2016	11:50 AM	88,687.6	WMT	3.88	2,902.24	5	0.776	120	0.032
2/25/2016	11:50 AM	88,300.0	WB	17.00	12,716.00	30	0.567	721	0.024
1/26/2016	10:00 AM	86,600.0	WB	16.00	11,968.00	29	0.552	696	0.023
12/28/2015	10:00 AM	85,000.0	WB	6.15	4,600.20	12	0.513	286	0.022
12/16/2015	12:46 PM	84,384.7	RST	11.85	8,863.80	22	0.539	530	0.022
11/24/2015	10:00 AM	83,200.0	WB	13.00	9,724.00	28	0.464	672	0.019
10/27/2015	10:00 AM	81,900.0	WB	15.00	11,220.00	29	0.517	696	0.022
9/28/2015	10:00 AM	80,400.0	WB	20.00	14,960.00	32	0.625	768	0.026
8/27/2015	10:00 AM	78,400.0	WB	27.97	20,921.56	22	1.271	523	0.053
8/5/2015	3:25 PM	75,603.1	WMT	3.88	2,902.24	6	0.647	144	0.027
7/30/2015	3:05 PM	75,215.3	WMT	3.17	2,371.16	1	3.170	28	0.113
7/29/2015	11:35 AM	74,898.5	WMT	0.99	740.52	1	0.990	25	0.040
7/28/2015	10:00 AM	74,800.0	WB	27.00	20,196.00	33	0.818	792	0.034
6/25/2015	10:00 AM	72,100.0	WB	17.00	12,716.00	29	0.586	696	0.024
5/27/2015	10:00 AM	70,400.0	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	Vista Cascade		
Meter Number	71606109	Meter Type	Domestic
Account Number	62329-11924	Meter Type	1"

REPORT DATED
10/25/2017

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	Bldg 1471 (2 BDR)				TOTALS
Units Served	4				4
Budget/Month/Unit	14				
Daily Budget Total	1.84				1.8
Monthly Budget Total	56.00				56.0

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	0.493	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	15.00	Tier 2 @	\$2.30	5	\$11.50	8	\$18.40
		Tier 3 @	\$2.53				
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		15	\$32.80	18	\$39.70
		Rialto Tax					\$5.82
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$73.62
		TOTAL USAGE & CHARGES			\$65.87		\$152.21

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)
10/16/2017 10:00 AM	178,584.7	RST	9.85	7,367.80	20	0.493	480	0.021
9/26/2017 10:00 AM	177,600.0	WB	7.00	5,236.00	11	0.636	266	0.026
9/15/2017 8:25 AM	176,899.7	RST	11.00	8,228.00	17	0.647	406	0.027
8/29/2017 10:00 AM	175,800.0	WB	6.56	4,906.88	14	0.469	338	0.019
8/15/2017 8:52 AM	175,144.5	RST	9.45	7,068.60	19	0.497	454	0.021
7/27/2017 10:00 AM	174,200.0	WB	6.91	5,168.68	13	0.532	312	0.022
7/14/2017 10:00 AM	173,508.6	RST	9.09	6,799.32	16	0.568	384	0.024
6/28/2017 10:00 AM	172,600.0	WB	23.92	17,892.16	44	0.544	1056	0.023
5/15/2017 10:00 AM	170,207.9	RST	11.08	8,287.84	19	0.583	456	0.024
4/26/2017 10:00 AM	169,100.0	WB	5.92	4,428.16	12	0.493	288	0.021

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 4

4/14/2017	10:00 AM	168,508.1	RST	10.08	7,539.84	17	0.593	408	0.025
3/28/2017	10:00 AM	167,500.0	WB	6.92	5,176.16	13	0.532	312	0.022
3/15/2017	10:00 AM	166,808.0	RST	9.08	6,791.84	16	0.568	384	0.024
2/27/2017	10:00 AM	165,900.0	WB	5.74	4,293.52	12	0.478	288	0.020
2/15/2017	10:00 AM	165,325.6	RST	10.26	7,674.48	20	0.513	480	0.021
1/26/2017	10:00 AM	164,300.0	WB	3.95	2,954.60	9	0.439	218	0.018
1/17/2017	8:55 AM	163,905.2	RST	10.05	7,517.40	21	0.479	502	0.020
12/27/2016	10:00 AM	162,900.0	WB	4.13	3,089.24	12	0.344	289	0.014
12/15/2016	9:00 AM	162,487.4	RST	6.87	5,138.76	17	0.404	407	0.017
11/28/2016	10:00 AM	161,800.0	WB	3.80	2,842.40	13	0.292	313	0.012
11/15/2016	9:00 AM	161,419.8	RST	11.20	8,377.60	19	0.589	455	0.025
10/27/2016	10:00 AM	160,300.0	WB	4.91	3,672.68	13	0.378	312	0.016
10/14/2016	10:00 AM	159,808.6	RST	7.09	5,303.32	18	0.394	432	0.016
9/26/2016	10:00 AM	159,100.0	WB	4.62	3,455.76	11	0.420	265	0.017
9/15/2016	9:00 AM	158,637.6	RST	9.38	7,016.24	21	0.447	503	0.019
8/25/2016	10:00 AM	157,700.0	WB	4.71	3,523.08	10	0.471	241	0.020
8/15/2016	9:00 AM	157,229.3	RST	9.29	6,948.92	20	0.465	479	0.019
7/26/2016	10:00 AM	156,300.0	WB	1.87	1,398.76	6	0.312	140	0.013
7/20/2016	2:00 PM	156,113.0	RST	0.53	396.44	1	0.530	24	0.022
7/19/2016	2:00 PM	156,059.9	RST	10.60	7,928.80	21	0.505	508	0.021
6/28/2016	10:00 AM	155,000.0	WB	4.47	3,343.56	13	0.344	311	0.014
6/15/2016	11:09 AM	154,552.8	RST	8.53	6,380.44	15	0.569	361	0.024
5/31/2016	10:00 AM	153,700.0	WB	4.85	3,627.80	15	0.323	360	0.013
5/16/2016	10:20 AM	153,215.4	RST	11.15	8,340.20	20	0.558	480	0.023
4/26/2016	10:00 AM	152,100.0	WB	3.13	2,341.24	8	0.391	191	0.016
4/18/2016	11:53 AM	151,787.4	RST	10.87	8,130.76	20	0.544	481	0.023
3/29/2016	10:00 AM	150,700.0	WB	18.18	13,598.64	28	0.649	671	0.027
3/1/2016	11:55 AM	148,882.2	WMT	2.82	2,109.36	5	0.564	121	0.023
2/25/2016	10:00 AM	148,600.0	WB	16.00	11,968.00	30	0.533	720	0.022
1/26/2016	10:00 AM	147,000.0	WB	18.00	13,464.00	29	0.621	696	0.026
12/28/2015	10:00 AM	145,200.0	WB	5.94	4,443.12	12	0.495	286	0.021
12/16/2015	12:45 PM	144,605.8	RST	11.06	8,272.88	22	0.503	530	0.021
11/24/2015	10:00 AM	143,500.0	WB	16.00	11,968.00	28	0.571	672	0.024
10/27/2015	10:00 AM	141,900.0	WB	12.00	8,976.00	29	0.414	696	0.017
9/28/2015	10:00 AM	140,700.0	WB	16.00	11,968.00	32	0.500	768	0.021
8/27/2015	10:00 AM	139,100.0	WB	10.35	7,741.80	22	0.470	523	0.020
8/5/2015	3:25 PM	138,065.2	WMT	3.00	2,244.00	6	0.500	144	0.021
7/30/2015	3:10 PM	137,765.3	WMT	0.84	628.32	1	0.840	28	0.030
7/29/2015	11:40 AM	137,681.4	WMT	0.81	605.88	1	0.810	25	0.032
7/28/2015	10:00 AM	137,600.0	WB	16.00	11,968.00	33	0.485	792	0.020
6/25/2015	10:00 AM	136,000.0	WB	17.00	12,716.00	29	0.586	696	0.024
5/27/2015	10:00 AM	134,300.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

METER EVALUATION NOTES:

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 5

Property Name	Vista Cascade		
Meter Number	68392778	Meter Type	Domestic
Account Number	62329-11926	Meter Type	1"

REPORT DATED
10/25/2017

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	Bldg 422 (2 BDR)				TOTALS
Units Served	4				4
Budget/Month/Unit	14				
Daily Budget Total	1.84				1.8
Monthly Budget Total	56.00				56.0

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

Physical Daily-Average	0.491	Projected vs. Actual Water Bill Analysis					
				Projected		Most Recent	
Physical Monthly-Average	14.93	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
		Tier 2 @	\$2.30	5	\$11.50	4	\$9.20
		Tier 3 @	\$2.53				
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		15	\$32.80	14	\$30.50
		Rialto Tax					\$5.09
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$81.08
		TOTAL USAGE & CHARGES			\$65.87		\$149.74

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)
10/16/2017 10:00 AM	103,281.5	RST	9.82	7,345.36	20	0.491	480	0.020
9/26/2017 10:00 AM	102,300.0	WB	5.41	4,046.68	11	0.492	266	0.020
9/15/2017 8:30 AM	101,758.7	RST	8.59	6,425.32	17	0.505	406	0.021
8/29/2017 10:00 AM	100,900.0	WB	7.66	5,729.68	14	0.547	338	0.023
8/15/2017 8:55 AM	100,134.2	RST	11.34	8,482.32	19	0.597	454	0.025
7/27/2017 10:00 AM	99,000.0	WB	11.39	8,519.72	13	0.876	312	0.037
7/14/2017 10:00 AM	97,861.1	RST	9.61	7,188.28	16	0.601	384	0.025
6/28/2017 10:00 AM	96,900.0	WB	22.37	16,732.76	44	0.508	1056	0.021
5/15/2017 10:00 AM	94,663.1	RST	10.63	7,951.24	19	0.559	456	0.023
4/26/2017 10:00 AM	93,600.0	WB	6.13	4,585.24	12	0.511	288	0.021

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# 5

4/14/2017	10:00 AM	92,986.9	RST	7.87	5,886.76	17	0.463	408	0.019
3/28/2017	10:00 AM	92,200.0	WB	5.30	3,964.40	13	0.408	312	0.017
3/15/2017	10:00 AM	91,669.6	RST	8.70	6,507.60	16	0.544	384	0.023
2/27/2017	10:00 AM	90,800.0	WB	5.42	4,054.16	12	0.452	288	0.019
2/15/2017	10:00 AM	90,258.3	RST	9.58	7,165.84	20	0.479	480	0.020
1/26/2017	10:00 AM	89,300.0	WB	3.28	2,453.44	9	0.364	218	0.015
1/17/2017	8:53 AM	88,971.8	RST	9.72	7,270.56	21	0.463	502	0.019
12/27/2016	10:00 AM	88,000.0	WB	5.21	3,897.08	12	0.434	289	0.018
12/15/2016	9:00 AM	87,478.6	RST	7.79	5,826.92	17	0.458	407	0.019
11/28/2016	10:00 AM	86,700.0	WB	6.50	4,862.00	13	0.500	313	0.021
11/15/2016	9:00 AM	86,049.6	RST	8.50	6,358.00	19	0.447	455	0.019
10/27/2016	10:00 AM	85,200.0	WB	4.61	3,448.28	13	0.355	312	0.015
10/14/2016	10:00 AM	84,739.0	RST	8.39	6,275.72	18	0.466	432	0.019
9/26/2016	10:00 AM	83,900.0	RST	3.24	2,423.52	11	0.295	265	0.012
9/15/2016	9:00 AM	83,576.1	RST	12.76	9,544.48	21	0.608	503	0.025
8/25/2016	10:00 AM	82,300.0	WB	4.69	3,508.12	10	0.469	241	0.019
8/15/2016	9:00 AM	81,831.2	RST	12.31	9,207.88	20	0.616	479	0.026
7/26/2016	10:00 AM	80,600.0	WB	4.56	3,410.88	11	0.415	266	0.017
7/15/2016	8:30 AM	80,143.9	RST	9.44	7,061.12	17	0.555	406	0.023
6/28/2016	10:00 AM	79,200.0	WB	6.55	4,899.40	13	0.504	312	0.021
6/15/2016	10:12 AM	78,545.0	RST	11.45	8,564.60	15	0.763	360	0.032
5/31/2016	10:00 AM	77,400.0	WB	7.91	5,916.68	15	0.527	360	0.022
5/16/2016	10:25 AM	76,609.3	RST	12.09	9,043.32	20	0.605	480	0.025
4/26/2016	10:00 AM	75,400.0	WB	3.94	2,947.12	8	0.493	192	0.021
4/18/2016	10:00 AM	75,005.9	RST	14.06	10,516.88	20	0.703	480	0.029
3/29/2016	10:00 AM	73,600.0	WB	18.28	13,673.44	28	0.653	670	0.027
3/1/2016	12:00 PM	71,772.2	WMT	3.72	2,782.56	5	0.744	122	0.030
2/25/2016	10:00 AM	71,400.0	WB	17.00	12,716.00	30	0.567	720	0.024
1/26/2016	10:00 AM	69,700.0	WB	18.00	13,464.00	29	0.621	696	0.026
12/28/2015	10:00 AM	67,900.0	WB	4.35	3,253.80	12	0.363	286	0.015
12/16/2015	12:46 PM	67,464.7	RST	9.65	7,218.20	22	0.439	530	0.018
11/24/2015	10:00 AM	66,500.0	WB	12.00	8,976.00	28	0.429	672	0.018
10/27/2015	10:00 AM	65,300.0	WB	12.00	8,976.00	29	0.414	696	0.017
9/28/2015	10:00 AM	64,100.0	WB	13.00	9,724.00	32	0.406	768	0.017
8/27/2015	10:00 AM	62,800.0	WB	9.11	6,814.28	22	0.414	523	0.017
8/5/2015	3:10 PM	61,889.3	WMT	2.55	1,907.40	6	0.425	144	0.018
7/30/2015	3:10 PM	61,634.2	WMT	1.19	890.12	1	1.190	28	0.043
7/29/2015	11:45 AM	61,515.4	WMT	0.15	112.20	1	0.150	25	0.006
7/28/2015	10:00 AM	61,500.0	WB	18.00	13,464.00	33	0.545	792	0.023
6/25/2015	10:00 AM	59,700.0	WB	11.00	8,228.00	29	0.379	696	0.016
5/27/2015	10:00 AM	58,600.0	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.com

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 6

Property Name	Vista Cascade		
Meter Number	46611915	Meter Type	Domestic
Account Number	62329-11928	Meter Type	1"

REPORT DATED
10/27/2017

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	Bldg 432 (2 BDR)				TOTALS
Units Served	4				4
Budget/Month/Unit	14				
Daily Budget Total	1.84				1.8
Monthly Budget Total	56.00				56.0

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	1.837	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	55.88	Tier 2 @	\$2.30	40	\$92.00	36	\$82.80
		Tier 3 @	\$2.53	6	\$15.18		
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		56	\$128.48	46	\$104.10
		Rialto Tax					\$10.97
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$160.81
		TOTAL USAGE & CHARGES			\$161.55		\$308.95

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)
10/26/2017 10:00 AM	222,314.7	RST	18.37	13,740.76	10	1.837	240	0.077
10/16/2017 10:00 AM	220,477.8	RST	38.78	29,007.44	20	1.939	480	0.081
9/26/2017 10:00 AM	216,600.0	WB	15.91	11,900.68	11	1.446	266	0.060
9/15/2017 8:35 AM	215,009.4	RST	30.09	22,507.32	17	1.770	406	0.074
8/29/2017 10:00 AM	212,000.0	WB	20.86	15,603.28	14	1.490	337	0.062
8/15/2017 9:00 AM	209,914.5	RST	30.15	22,552.20	19	1.587	455	0.066
7/27/2017 10:00 AM	206,900.0	WB	18.82	14,077.36	13	1.448	312	0.060
7/14/2017 10:00 AM	205,017.9	RST	44.18	33,046.64	16	2.761	384	0.115
6/28/2017 10:00 AM	200,600.0	WB	97.57	72,982.36	44	2.218	1056	0.092
5/15/2017 10:00 AM	190,843.2	RST	12.43	9,297.64	19	0.654	456	0.027

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# 6

4/26/2017	10:00 AM	189,600.0	WB	8.08	6,043.84	12	0.673	288	0.028
4/14/2017	10:00 AM	188,791.7	RST	10.92	8,168.16	17	0.642	408	0.027
3/28/2017	10:00 AM	187,700.0	WB	7.93	5,931.64	13	0.610	312	0.025
3/15/2017	10:00 AM	186,907.2	RST	11.07	8,280.36	16	0.692	384	0.029
2/27/2017	10:00 AM	185,800.0	WB	8.38	6,268.24	12	0.698	288	0.029
2/15/2017	10:00 AM	184,961.7	RST	17.62	13,179.76	20	0.881	480	0.037
1/26/2017	10:00 AM	183,200.0	WB	10.24	7,659.52	9	1.138	218	0.047
1/17/2017	8:52 AM	182,176.3	RST	18.76	14,032.48	21	0.893	502	0.037
12/27/2016	10:00 AM	180,300.0	WB	9.40	7,031.20	12	0.783	289	0.033
12/15/2016	9:00 AM	179,360.1	RST	20.60	15,408.80	17	1.212	407	0.051
11/28/2016	10:00 AM	177,300.0	WB	13.13	9,821.24	13	1.010	313	0.042
11/15/2016	9:00 AM	175,987.0	RST	13.87	10,374.76	19	0.730	455	0.030
10/27/2016	10:00 AM	174,600.0	WB	11.42	8,542.16	13	0.878	312	0.037
10/14/2016	10:00 AM	173,458.0	RST	11.58	8,661.84	18	0.643	432	0.027
9/26/2016	10:00 AM	172,300.0	WB	5.28	3,949.44	11	0.480	265	0.020
9/15/2016	9:00 AM	171,772.3	RST	12.72	9,514.56	21	0.606	503	0.025
8/25/2016	10:00 AM	170,500.0	WB	3.85	2,879.80	10	0.385	241	0.016
8/15/2016	9:00 AM	170,114.9	RST	10.15	7,592.20	20	0.508	479	0.021
7/26/2016	10:00 AM	169,100.0	WB	3.41	2,550.68	11	0.310	266	0.013
7/15/2016	8:30 AM	168,759.4	RST	8.59	6,425.32	17	0.505	406	0.021
6/28/2016	10:00 AM	167,900.0	WB	4.25	3,179.00	13	0.327	312	0.014
6/15/2016	10:15 AM	167,475.3	RST	7.75	5,797.00	15	0.517	360	0.022
5/31/2016	10:00 AM	166,700.0	WB	5.49	4,106.52	15	0.366	360	0.015
5/16/2016	10:30 AM	166,150.6	RST	7.51	5,617.48	20	0.376	480	0.016
4/26/2016	10:00 AM	165,400.0	WB	2.80	2,094.40	8	0.350	192	0.015
4/18/2016	10:00 AM	165,120.5	RST	10.21	7,637.08	20	0.511	480	0.021
3/29/2016	10:00 AM	164,100.0	WB	11.34	8,482.32	28	0.405	670	0.017
3/1/2016	12:05 PM	162,966.0	WMT	2.66	1,989.68	5	0.532	122	0.022
2/25/2016	10:00 AM	162,700.0	WB	13.00	9,724.00	30	0.433	720	0.018
1/26/2016	10:00 AM	161,400.0	WB	12.00	8,976.00	29	0.414	696	0.017
12/28/2015	10:00 AM	160,200.0	WB	4.03	3,014.44	12	0.336	286	0.014
12/16/2015	12:47 PM	159,796.6	RST	9.97	7,457.56	22	0.453	530	0.019
11/24/2015	10:00 AM	158,800.0	WB	12.00	8,976.00	28	0.429	672	0.018
10/27/2015	10:00 AM	157,600.0	WB	46.00	34,408.00	29	1.586	696	0.066
9/28/2015	10:00 AM	153,000.0	WB	64.00	47,872.00	32	2.000	768	0.083
8/27/2015	10:00 AM	146,600.0	WB	62.71	46,907.08	22	2.850	523	0.120
8/5/2015	3:30 PM	140,329.1	WMT	16.48	12,327.04	6	2.747	144	0.114
7/30/2015	3:15 PM	138,681.0	WMT	6.03	4,510.44	1	6.030	28	0.215
7/29/2015	11:45 AM	138,078.4	WMT	0.78	583.44	1	0.780	25	0.031
7/28/2015	10:00 AM	138,000.0	WB	56.00	41,888.00	33	1.697	792	0.071
6/25/2015	10:00 AM	132,400.0	WB	14.00	10,472.00	29	0.483	696	0.020
5/27/2015	10:00 AM	131,000.0	WB	0.00	0.00	N/A	N/A	N/A	N/A

METER EVALUATION 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	Vista Cascade		
Meter Number	70931239	Meter Type	Landscape
Account Number	63483-40184	Meter Type	1"

REPORT DATED
10/25/2017

Backflow Details: Designated Backflow Size 1" 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	95.38

Allocated S/F (Landscape) 22,800

WBIC (Weather Based Irrigation Controller)

WBIC-MAKE/MODEL TBD

PRECISION NOZZLES

DROUGHT TOLERANT LANDSCAPE

Projected vs. Actual Water Bill Analysis

		Projected		Most Recent	
Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Tier 2 @	\$2.30	40	\$92.00	40	\$92.00
Tier 3 @	\$2.53	84	\$212.52	78	\$197.34
Tier 4 @					
Tier 5 @					
WATER CONSUMPTION TOTALS		134	\$325.82	128	\$310.64
Rialto Tax					\$27.72
Monthly Service Chg			\$33.07		\$33.07
Back flow Chg			\$2.84		\$2.84
PAST DUE BALANCE					\$491.77
TOTAL USAGE & CHARGES			\$361.73		\$866.04

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)
10/16/2017 10:00 AM	270,722.9	RST	89.23	66,744.04	20	4.462	480	0.186
9/26/2017 10:00 AM	261,800.0	WB	44.03	32,934.44	11	4.003	266	0.166
9/15/2017 8:40 AM	257,397.4	RST	83.97	62,809.56	17	4.939	406	0.207
8/29/2017 10:00 AM	249,000.0	WB	68.65	51,350.20	14	4.904	337	0.204
8/15/2017 9:05 AM	242,135.0	RST	102.35	76,557.80	19	5.387	455	0.225
7/27/2017 10:00 AM	231,900.0	WB	69.31	51,843.88	13	5.332	312	0.222
7/14/2017 10:00 AM	224,969.2	RST	86.69	64,844.12	16	5.418	384	0.226
6/28/2017 10:00 AM	216,300.0	WB	222.87	166,706.76	44	5.065	1056	0.211
5/15/2017 10:00 AM	194,013.3	RST	94.13	70,409.24	19	4.954	456	0.206
4/26/2017 10:00 AM	184,600.0	WB	58.57	43,810.36	12	4.881	288	0.203
4/14/2017 10:00 AM	178,742.8	RST	72.43	54,177.64	17	4.261	408	0.178

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LLC

METER ID# 7

3/28/2017	10:00 AM	171,500.0	WB	24.41	18,258.68	13	1.878	312	0.078
3/15/2017	10:00 AM	169,059.1	RST	25.47	19,051.56	16	1.592	384	0.066
2/27/2017	10:00 AM	166,512.5	WB	0.00	0.00	12	0.000	288	0.000
2/15/2017	10:00 AM	166,512.5	RST	52.29	39,112.92	20	2.615	480	0.109
1/26/2017	10:00 AM	161,284.0	WB	0.00	0.00	9	0.000	218	0.000
1/17/2017	8:51 AM	161,284.0	RST	0.84	628.32	21	0.040	502	0.002
12/27/2016	10:00 AM	161,200.0	WB	24.73	18,498.04	12	2.061	289	0.086
12/15/2016	9:00 AM	158,727.0	RST	80.27	60,041.96	17	4.722	407	0.197
11/28/2016	10:00 AM	150,700.0	WB	55.41	41,446.68	13	4.262	313	0.177
11/15/2016	9:00 AM	145,158.6	RST	15.59	11,661.32	19	0.821	455	0.034
10/27/2016	10:00 AM	143,600.0	WB	62.37	46,652.76	13	4.798	312	0.200
10/14/2016	10:00 AM	137,363.3	RST	76.63	57,319.24	18	4.257	432	0.177
9/26/2016	10:00 AM	129,700.0	WB	49.79	37,242.92	11	4.526	265	0.188
9/15/2016	9:00 AM	124,721.1	RST	106.21	79,445.08	21	5.058	503	0.211
8/25/2016	10:00 AM	114,100.0	WB	42.38	31,700.24	10	4.238	241	0.176
8/15/2016	9:00 AM	109,861.7	RST	87.62	65,539.76	20	4.381	479	0.183
7/26/2016	10:00 AM	101,100.0	WB	25.13	18,797.24	6	4.188	140	0.180
7/20/2016	2:00 PM	98,587.2	RST	4.95	3,702.60	1	4.950	24	0.206
7/19/2016	2:00 PM	98,092.2	RST	17.22	12,880.56	4	4.305	102	0.169
7/15/2016	8:30 AM	96,370.5	RST	69.71	52,143.08	17	4.101	406	0.172
6/28/2016	10:00 AM	89,400.0	WB	24.80	18,550.40	5	4.960	122	0.203
6/23/2016	8:30 AM	86,920.4	RST	0.13	97.24	1	0.130	24	0.005
6/22/2016	8:30 AM	86,907.7	RST	23.00	17,204.00	7	3.286	166	0.139
6/15/2016	10:18 AM	84,607.4	RST	55.07	41,192.36	15	3.671	360	0.153
5/31/2016	10:00 AM	79,100.0	WB	35.35	26,441.80	15	2.357	360	0.098
5/16/2016	10:35 AM	75,564.7	RST	24.65	18,438.20	20	1.233	480	0.051
4/26/2016	10:00 AM	73,100.0	WB	20.93	15,655.64	8	2.616	191	0.110
4/18/2016	11:51 AM	71,007.5	RST	32.08	23,995.84	20	1.604	481	0.067
3/29/2016	10:00 AM	67,800.0	WB	45.31	33,891.88	28	1.618	670	0.068
3/1/2016	12:15 PM	63,269.1	WMT	6.69	5,004.12	5	1.338	122	0.055
2/25/2016	10:00 AM	62,600.0	WB	33.00	24,684.00	30	1.100	720	0.046
1/26/2016	10:00 AM	59,300.0	WB	13.00	9,724.00	29	0.448	696	0.019
12/28/2015	10:00 AM	58,000.0	WB	3.50	2,618.00	12	0.292	286	0.012
12/16/2015	12:48 PM	57,649.7	RST	71.50	53,482.00	22	3.250	530	0.135
11/24/2015	10:00 AM	50,500.0	WB	97.00	72,556.00	28	3.464	672	0.144
10/27/2015	10:00 AM	40,800.0	WB	108.00	80,784.00	29	3.724	696	0.155
9/28/2015	10:00 AM	30,000.0	WB	163.00	121,924.00	32	5.094	768	0.212
8/27/2015	10:00 AM	13,700.0	WB	118.22	88,428.56	22	5.374	523	0.226
8/5/2015	3:35 PM	1,878.4	WMT	-9,968.79	7,456,654.9	6	1,661.46	144	-69.228
7/30/2015	3:15 PM	998,757.7	WMT	12.80	9,574.40	1	12.800	28	0.457
7/29/2015	11:50 AM	997,478.2	WMT	0.78	583.44	1	0.780	25	0.031
7/28/2015	10:00 AM	997,400.0	WB	175.00	130,900.00	33	5.303	792	0.221
6/25/2015	10:00 AM	979,900.0	WB	169.00	126,412.00	29	5.828	696	0.243
5/27/2015	10:00 AM	963,000.0	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	Vista Cascade		
Meter Number	70931240	Meter Type	Landscape
Account Number	63483-40186	Meter Type	1"

REPORT DATED
10/25/2017

Backflow Details: Designated Backflow Size 1" 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	95.38

Allocated S/F (Landscape) 22,800

WBIC (Weather Based Irrigation Controller)

WBIC-MAKE/MODEL TBD

PRECISION NOZZLES

DROUGHT TOLERANT LANDSCAPE

Projected vs. Actual Water Bill Analysis

	Projected		Most Recent	
Tier 1 @ \$2.13	10	\$21.30	10	\$21.30
Tier 2 @ \$2.30	40	\$92.00	40	\$92.00
Tier 3 @ \$2.53	62	\$156.86	57	\$144.21
Tier 4 @				
Tier 5 @				
WATER CONSUMPTION TOTALS	112	\$270.16	107	\$257.51
Rialto Tax				\$23.47
Monthly Service Chg		\$33.07		\$33.07
Back Flow Chg		\$2.84		\$2.84
PAST DUE BALANCE				\$417.99
TOTAL USAGE & CHARGES		\$306.07		\$734.88

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)
10/16/2017 10:00 AM	463,560.5	RST	74.61	55,808.28	20	3.731	480	0.155
9/26/2017 10:00 AM	456,100.0	WB	36.94	27,631.12	11	3.358	266	0.139
9/15/2017 8:45 AM	452,406.5	RST	70.07	52,412.36	17	4.122	406	0.173
8/29/2017 10:00 AM	445,400.0	WB	57.56	43,054.88	14	4.111	337	0.171
8/15/2017 9:08 AM	439,644.2	RST	86.44	64,657.12	19	4.549	455	0.190
7/27/2017 10:00 AM	431,000.0	WB	57.18	42,770.64	13	4.398	312	0.183
7/14/2017 10:00 AM	425,281.9	RST	72.82	54,469.36	16	4.551	384	0.190
6/28/2017 10:00 AM	418,000.0	WB	186.70	139,651.60	44	4.243	1056	0.177
5/15/2017 10:00 AM	399,330.3	RST	79.30	59,316.40	19	4.174	456	0.174
4/26/2017 10:00 AM	391,400.0	WB	48.76	36,472.48	12	4.063	288	0.169
4/14/2017 10:00 AM	386,523.7	RST	60.24	45,059.52	17	3.544	408	0.148

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LLC

METER ID# 8

3/28/2017	10:00 AM	380,500.0	WB	17.83	13,336.84	13	1.372	312	0.057
3/15/2017	10:00 AM	378,716.9	RST	18.57	13,890.36	16	1.161	384	0.048
2/27/2017	10:00 AM	376,859.8	WB	0.00	0.00	12	0.000	288	0.000
2/15/2017	10:00 AM	376,859.8	RST	44.21	33,069.08	20	2.211	480	0.092
1/26/2017	10:00 AM	372,439.3	WB	0.00	0.00	9	0.000	218	0.000
1/17/2017	8:50 AM	372,439.3	RST	0.39	291.72	21	0.019	502	0.001
12/27/2016	10:00 AM	372,400.0	WB	21.59	16,149.32	12	1.799	289	0.075
12/15/2016	9:00 AM	370,241.4	RST	69.41	51,918.68	17	4.083	407	0.171
11/28/2016	10:00 AM	363,300.0	WB	46.78	34,991.44	13	3.598	313	0.149
11/15/2016	9:00 AM	358,621.7	RST	14.22	10,636.56	19	0.748	455	0.031
10/27/2016	10:00 AM	357,200.0	WB	52.08	38,955.84	13	4.006	312	0.167
10/14/2016	10:00 AM	351,992.4	RST	64.92	48,560.16	18	3.607	432	0.150
9/26/2016	10:00 AM	345,500.0	WB	41.91	31,348.68	11	3.810	265	0.158
9/15/2016	9:00 AM	341,308.6	RST	91.09	68,135.32	21	4.338	503	0.181
8/25/2016	10:00 AM	332,200.0	WB	36.31	27,159.88	10	3.631	241	0.151
8/15/2016	9:00 AM	328,568.7	RST	74.69	55,868.12	20	3.735	479	0.156
7/26/2016	10:00 AM	321,100.0	WB	39.80	29,770.40	11	3.618	266	0.150
7/15/2016	8:30 AM	317,120.5	RST	59.21	44,289.08	17	3.483	406	0.146
6/28/2016	10:00 AM	311,200.0	WB	40.56	30,338.88	13	3.120	312	0.130
6/15/2016	10:21 AM	307,144.2	RST	47.44	35,485.12	15	3.163	360	0.132
5/31/2016	10:00 AM	302,400.0	WB	29.59	22,133.32	15	1.973	360	0.082
5/16/2016	10:40 AM	299,441.5	RST	21.42	16,022.16	20	1.071	480	0.045
4/26/2016	10:00 AM	297,300.0	WB	17.75	13,277.00	8	2.219	191	0.093
4/18/2016	11:51 AM	295,524.6	RST	27.25	20,383.00	20	1.363	481	0.057
3/29/2016	10:00 AM	292,800.0	WB	38.87	29,074.76	28	1.388	670	0.058
3/1/2016	12:15 PM	288,913.2	WMT	6.13	4,585.24	5	1.226	122	0.050
2/25/2016	10:00 AM	288,300.0	WB	18.63	13,935.24	30	0.621	720	0.026
1/26/2016	10:00 AM	286,437.4	WB	0.00	0.00	41	0.000	982	0.000
12/16/2015	12:50 PM	286,437.4	RST	59.37	44,408.76	22	2.699	530	0.112
11/24/2015	10:00 AM	280,500.0	WB	87.00	65,076.00	28	3.107	672	0.129
10/27/2015	10:00 AM	271,800.0	WB	93.00	69,564.00	29	3.207	696	0.134
9/28/2015	10:00 AM	262,500.0	WB	139.00	103,972.00	32	4.344	768	0.181
8/27/2015	10:00 AM	248,600.0	WB	102.63	76,767.24	22	4.665	523	0.196
8/5/2015	3:40 PM	238,337.3	WMT	27.02	20,210.96	6	4.503	144	0.188
7/30/2015	3:20 PM	235,635.3	WMT	11.22	8,392.56	1	11.220	28	0.401
7/29/2015	11:55 AM	234,513.5	WMT	0.14	104.72	1	0.140	25	0.006
7/28/2015	10:00 AM	234,500.0	WB	152.00	113,696.00	33	4.606	792	0.192
6/25/2015	10:00 AM	219,300.0	WB	121.00	90,508.00	29	4.172	696	0.174
5/27/2015	10:00 AM	207,200.0	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. If you have any questions regarding this report please contact us at (909) 980-8300 or water@aelandscapedesign.com

Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 9

Property Name	Vista Cascade		
Meter Number	63144117	Meter Type	Domestic
Account Number	62329-11930	Meter Type	1"

REPORT DATED
10/25/2017

Backflow Details: Designated Backflow Size 1" 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	422 Cascade Prkwy			TOTALS
Units Served	4			4
Budget/Month/Unit	14			
Daily Budget Total	1.84			1.8
Monthly Budget Total	56.00			56.0

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	0.548	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	16.67	Tier 2 @	\$2.30	7	\$16.10	5	\$11.50
		Tier 3 @	\$2.53				
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		17	\$37.40	15	\$32.80
		Rialto Tax					\$5.27
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$71.14
		TOTAL USAGE & CHARGES			\$70.47		\$142.28

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)
10/16/2017 10:00 AM	107,295.4	RST	10.95	8,190.60	20	0.548	480	0.023
9/26/2017 10:00 AM	106,200.0	WB	5.70	4,263.60	11	0.518	266	0.021
9/15/2017 8:50 AM	105,629.9	RST	9.30	6,956.40	17	0.547	406	0.023
8/29/2017 10:00 AM	104,700.0	WB	6.41	4,794.68	14	0.458	337	0.019
8/15/2017 9:12 AM	104,058.8	RST	8.59	6,425.32	19	0.452	455	0.019
7/27/2017 10:00 AM	103,200.0	WB	4.40	3,291.20	13	0.338	312	0.014
7/14/2017 10:00 AM	102,759.9	RST	5.60	4,188.80	16	0.350	384	0.015
6/28/2017 10:00 AM	102,200.0	WB	22.12	16,545.76	44	0.503	1056	0.021
5/15/2017 10:00 AM	99,988.1	RST	8.88	6,642.24	19	0.467	456	0.019
4/26/2017 10:00 AM	99,100.0	WB	6.11	4,570.28	12	0.509	288	0.021

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# 9

4/14/2017	10:00 AM	98,488.6	RST	7.89	5,901.72	17	0.464	408	0.019
3/28/2017	10:00 AM	97,700.0	WB	5.92	4,428.16	13	0.455	312	0.019
3/15/2017	10:00 AM	97,108.3	RST	7.08	5,295.84	16	0.443	384	0.018
2/27/2017	10:00 AM	96,400.0	WB	5.94	4,443.12	12	0.495	288	0.021
2/15/2017	10:00 AM	95,806.3	RST	9.06	6,776.88	20	0.453	480	0.019
1/26/2017	10:00 AM	94,900.0	WB	4.70	3,515.60	9	0.522	218	0.022
1/17/2017	8:48 AM	94,429.6	RST	10.29	7,696.92	20	0.515	475	0.022
12/28/2016	1:30 PM	93,400.9	RST	1.01	755.48	1	1.010	27	0.037
12/27/2016	10:00 AM	93,300.0	WB	13.00	9,724.00	29	0.448	696	0.019
11/28/2016	10:00 AM	92,000.0	WB	7.86	5,879.28	13	0.605	313	0.025
11/15/2016	9:00 AM	91,214.0	RST	13.14	9,828.72	19	0.692	455	0.029
10/27/2016	10:00 AM	89,900.0	WB	7.24	5,415.52	13	0.557	312	0.023
10/14/2016	10:00 AM	89,175.9	RST	9.76	7,300.48	18	0.542	432	0.023
9/26/2016	10:00 AM	88,200.0	WB	4.71	3,523.08	11	0.428	265	0.018
9/15/2016	9:00 AM	87,728.8	RST	12.29	9,192.92	21	0.585	503	0.024
8/25/2016	10:00 AM	86,500.0	WB	5.69	4,256.12	10	0.569	241	0.024
8/15/2016	9:00 AM	85,931.4	RST	14.31	10,703.88	20	0.716	479	0.030
7/26/2016	10:00 AM	84,500.0	WB	7.31	5,467.88	11	0.665	266	0.027
7/15/2016	8:30 AM	83,769.5	RST	12.70	9,499.60	17	0.747	406	0.031
6/28/2016	10:00 AM	82,500.0	WB	7.35	5,497.80	13	0.565	312	0.024
6/15/2016	10:24 AM	81,765.4	RST	12.65	9,462.20	15	0.843	360	0.035
5/31/2016	10:00 AM	80,500.0	WB	9.86	7,375.28	15	0.657	360	0.027
5/16/2016	10:45 AM	79,514.4	RST	14.14	10,576.72	20	0.707	480	0.029
4/26/2016	10:00 AM	78,100.0	WB	4.74	3,545.52	8	0.593	191	0.025
4/18/2016	11:50 AM	77,625.8	RST	13.26	9,918.48	20	0.663	481	0.028
3/29/2016	10:00 AM	76,300.0	WB	16.20	12,117.60	28	0.579	670	0.024
3/1/2016	12:20 PM	74,679.7	WMT	2.80	2,094.40	5	0.560	122	0.023
2/25/2016	10:00 AM	74,400.0	WB	18.00	13,464.00	30	0.600	720	0.025
1/26/2016	10:00 AM	72,600.0	WB	18.00	13,464.00	29	0.621	696	0.026
12/28/2015	10:00 AM	70,800.0	WB	6.20	4,637.60	12	0.517	286	0.022
12/16/2015	12:54 PM	70,179.8	RST	11.80	8,826.40	22	0.536	530	0.022
11/24/2015	10:00 AM	69,000.0	WB	14.00	10,472.00	28	0.500	672	0.021
10/27/2015	10:00 AM	67,600.0	WB	16.00	11,968.00	29	0.552	696	0.023
9/28/2015	10:00 AM	66,000.0	WB	20.00	14,960.00	32	0.625	768	0.026
8/27/2015	10:00 AM	64,000.0	WB	10.41	7,786.68	22	0.473	523	0.020
8/5/2015	3:45 PM	62,959.3	WMT	2.72	2,034.56	6	0.453	144	0.019
7/30/2015	3:25 PM	62,687.3	WMT	0.55	411.40	1	0.550	28	0.020
7/29/2015	11:55 AM	62,632.3	WMT	0.32	239.36	1	0.320	25	0.013
7/28/2015	10:00 AM	62,600.0	WB	12.00	8,976.00	33	0.364	792	0.015
6/25/2015	10:00 AM	61,400.0	WB	11.00	8,228.00	29	0.379	696	0.016
5/27/2015	10:00 AM	60,300.0	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# 10

Property Name	Vista Cascade		
Meter Number	46611907	Meter Type	Domestic
Account Number	62329-11932	Meter Type	1"

REPORT DATED
10/25/2017

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	Bldg 452 (2BDR)			TOTALS
Units Served	4			4
Budget/Month/Unit	14			
Daily Budget Total	1.84			1.8
Monthly Budget Total	56.00			56.0

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	0.509	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	15.48	Tier 2 @	\$2.30	5	\$11.50	4	\$9.20
		Tier 3 @	\$2.53				
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		15	\$32.80	14	\$30.50
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$79.67
		TOTAL USAGE & CHARGES			\$65.87		\$143.24

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)
10/16/2017 10:49 AM	112,516.5	RST	10.17	7,607.16	20	0.509	480	0.021
9/26/2017 10:00 AM	111,500.0	WB	5.88	4,398.24	11	0.535	266	0.022
9/15/2017 8:55 AM	110,911.9	RST	8.12	6,073.76	17	0.478	406	0.020
8/29/2017 10:00 AM	110,100.0	WB	7.49	5,602.52	14	0.535	337	0.022
8/15/2017 9:16 AM	109,351.2	RST	13.51	10,105.48	19	0.711	455	0.030
7/27/2017 10:00 AM	108,000.0	WB	8.17	6,111.16	13	0.628	312	0.026
7/14/2017 10:00 AM	107,183.4	RST	10.83	8,100.84	16	0.677	384	0.028
6/28/2017 10:00 AM	106,100.0	WB	27.25	20,383.00	44	0.619	1055	0.026
5/15/2017 11:00 AM	103,375.5	RST	12.76	9,544.48	19	0.672	457	0.028
4/26/2017 10:00 AM	102,100.0	WB	6.94	5,191.12	12	0.578	288	0.024

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Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 10

4/14/2017	10:00 AM	101,405.9	RST	12.06	9,020.88	17	0.709	408	0.030
3/28/2017	10:00 AM	100,200.0	WB	7.36	5,505.28	13	0.566	312	0.024
3/15/2017	10:00 AM	99,464.5	RST	30.65	22,926.20	16	1.916	384	0.080
2/27/2017	10:00 AM	96,400.0	WB	5.94	4,443.12	12	0.495	288	0.021
2/15/2017	10:00 AM	95,806.3	RST	6.06	4,532.88	20	0.303	480	0.013
1/26/2017	10:00 AM	95,200.0	WB	3.44	2,573.12	9	0.382	218	0.016
1/17/2017	8:47 AM	94,856.3	RST	11.56	8,646.88	21	0.550	502	0.023
12/27/2016	10:00 AM	93,700.0	WB	4.50	3,366.00	12	0.375	289	0.016
12/15/2016	9:00 AM	93,249.9	RST	8.50	6,358.00	17	0.500	407	0.021
11/28/2016	10:00 AM	92,400.0	WB	6.08	4,547.84	13	0.468	313	0.019
11/15/2016	9:00 AM	91,792.1	RST	8.92	6,672.16	19	0.469	455	0.020
10/27/2016	10:00 AM	90,900.0	WB	5.24	3,919.52	13	0.403	312	0.017
10/14/2016	10:00 AM	90,376.0	RST	7.76	5,804.48	18	0.431	432	0.018
9/26/2016	10:00 AM	89,600.0	WB	5.34	3,994.32	11	0.485	265	0.020
9/15/2016	9:00 AM	89,065.8	RST	10.66	7,973.68	21	0.508	503	0.021
8/25/2016	10:00 AM	88,000.0	WB	4.85	3,627.80	10	0.485	241	0.020
8/15/2016	9:00 AM	87,514.6	RST	10.15	7,592.20	20	0.508	479	0.021
7/26/2016	10:00 AM	86,500.0	WB	5.62	4,203.76	11	0.511	266	0.021
7/15/2016	8:30 AM	85,938.0	RST	8.38	6,268.24	17	0.493	406	0.021
6/28/2016	10:00 AM	85,100.0	WB	3.84	2,872.32	13	0.295	312	0.012
6/15/2016	10:27 AM	84,716.0	RST	7.16	5,355.68	15	0.477	360	0.020
5/31/2016	10:00 AM	84,000.0	WB	6.13	4,585.24	15	0.409	360	0.017
5/16/2016	10:50 AM	83,386.7	RST	7.87	5,886.76	20	0.394	480	0.016
4/26/2016	10:00 AM	82,600.0	WB	3.87	2,894.76	8	0.484	191	0.020
4/18/2016	11:50 AM	82,212.7	RST	24.34	18,206.32	48	0.507	1151	0.021
3/1/2016	12:45 PM	79,778.9	WMT	2.79	2,086.92	5	0.558	122	0.023
2/25/2016	10:00 AM	79,500.0	WB	17.00	12,716.00	30	0.567	720	0.024
1/26/2016	10:00 AM	77,800.0	WB	34.36	25,701.28	41	0.838	982	0.035
12/16/2015	12:55 PM	74,364.5	RST	75.65	56,586.20	111	0.682	2666	0.028
8/27/2015	10:00 AM	66,800.0	WB	13.50	10,098.00	22	0.614	523	0.026
8/5/2015	3:45 PM	65,450.4	WMT	3.79	2,834.92	6	0.632	144	0.026
7/30/2015	3:35 PM	65,071.1	WMT	1.02	762.96	1	1.020	27	0.038
7/29/2015	12:00 PM	64,968.9	WMT	0.69	516.12	1	0.690	26	0.027
7/28/2015	10:00 AM	64,900.0	WB	21.00	15,708.00	33	0.636	792	0.027
6/25/2015	10:00 AM	62,800.0	WB	20.00	14,960.00	29	0.690	696	0.029
5/27/2015	10:00 AM	60,800.0	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# 11

Property Name	Vista Cascade		
Meter Number	63424985	Meter Type	Domestic
Account Number	62329-11934	Meter Type	1"

REPORT DATED
10/25/2017

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	Bldg 482 (2 BDR)				TOTALS
Units Served	4				4
Budget/Month/Unit	14				
Daily Budget Total	1.84				1.8
Monthly Budget Total	56.00				56.0

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	0.835	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	25.40	Tier 2 @	\$2.30	10	\$23.00	10	\$23.00
		Tier 3 @	\$2.53	5	\$12.65		
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		25	\$56.95	20	\$44.30
		Rialto Tax					\$6.19
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$83.56
		TOTAL USAGE & CHARGES			\$90.02		\$167.12

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)
10/16/2017 10:51 AM	93,070.2	RST	16.70	12,491.60	20	0.835	480	0.035
9/26/2017 10:00 AM	91,400.0	WB	8.37	6,260.76	11	0.761	265	0.032
9/15/2017 9:00 AM	90,563.0	RST	11.63	8,699.24	17	0.684	407	0.029
8/29/2017 10:00 AM	89,400.0	WB	7.96	5,954.08	14	0.569	337	0.024
8/15/2017 9:20 AM	88,603.7	RST	12.04	9,005.92	19	0.634	455	0.026
7/27/2017 10:00 AM	87,400.0	WB	4.78	3,575.44	13	0.368	312	0.015
7/14/2017 10:00 AM	86,922.3	RST	8.22	6,148.56	16	0.514	384	0.021
6/28/2017 10:00 AM	86,100.0	WB	17.99	13,456.52	44	0.409	1056	0.017
5/15/2017 10:00 AM	84,301.0	RST	8.01	5,991.48	19	0.422	456	0.018
4/26/2017 10:00 AM	83,500.0	WB	2.84	2,124.32	12	0.237	288	0.010

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# 11

4/14/2017	10:00 AM	83,216.5	RST	7.17	5,363.16	17	0.422	408	0.018
3/28/2017	10:00 AM	82,500.0	WB	5.36	4,009.28	13	0.412	312	0.017
3/15/2017	10:00 AM	81,964.5	RST	7.65	5,722.20	16	0.478	384	0.020
2/27/2017	10:00 AM	81,200.0	WB	4.78	3,575.44	12	0.398	288	0.017
2/15/2017	10:00 AM	80,721.9	RST	9.22	6,896.56	20	0.461	480	0.019
1/26/2017	10:00 AM	79,800.0	WB	3.81	2,849.88	9	0.423	218	0.017
1/17/2017	8:45 AM	79,419.1	RST	10.19	7,622.12	21	0.485	502	0.020
12/27/2016	10:00 AM	78,400.0	WB	5.51	4,121.48	12	0.459	289	0.019
12/15/2016	9:00 AM	77,848.6	RST	7.49	5,602.52	17	0.441	407	0.018
11/28/2016	10:00 AM	77,100.0	WB	4.94	3,695.12	13	0.380	313	0.016
11/15/2016	9:00 AM	76,605.6	RST	8.06	6,028.88	19	0.424	455	0.018
10/27/2016	10:00 AM	75,800.0	WB	4.81	3,597.88	13	0.370	312	0.015
10/14/2016	10:00 AM	75,319.1	RST	8.19	6,126.12	18	0.455	432	0.019
9/26/2016	10:00 AM	74,500.0	WB	3.54	2,647.92	11	0.322	265	0.013
9/15/2016	9:00 AM	74,146.3	RST	9.46	7,076.08	21	0.450	503	0.019
8/25/2016	10:00 AM	73,200.0	WB	3.23	2,416.04	10	0.323	241	0.013
8/15/2016	9:00 AM	72,877.5	RST	8.78	6,567.44	20	0.439	479	0.018
7/26/2016	10:00 AM	72,000.0	WB	4.97	3,717.56	11	0.452	266	0.019
7/15/2016	8:30 AM	71,503.4	RST	7.03	5,258.44	17	0.414	406	0.017
6/28/2016	10:00 AM	70,800.0	WB	5.40	4,039.20	13	0.415	312	0.017
6/15/2016	10:30 AM	70,260.1	RST	9.60	7,180.80	15	0.640	360	0.027
5/31/2016	10:00 AM	69,300.0	WB	6.68	4,996.64	15	0.445	360	0.019
5/16/2016	10:55 AM	68,631.9	RST	10.32	7,719.36	20	0.516	480	0.022
4/26/2016	10:00 AM	67,600.0	WB	14.00	10,472.00	28	0.500	672	0.021
3/29/2016	10:00 AM	66,200.0	WB	15.08	11,279.84	28	0.539	670	0.023
3/1/2016	12:30 PM	64,692.3	WMT	3.92	2,932.16	5	0.784	122	0.032
2/25/2016	10:00 AM	64,300.0	WB	17.00	12,716.00	30	0.567	720	0.024
1/26/2016	10:00 AM	62,600.0	WB	18.00	13,464.00	29	0.621	696	0.026
12/28/2015	10:00 AM	60,800.0	WB	6.82	5,101.36	12	0.568	286	0.024
12/16/2015	12:56 PM	60,118.5	RST	13.19	9,866.12	22	0.600	530	0.025
11/24/2015	10:00 AM	58,800.0	WB	18.00	13,464.00	28	0.643	672	0.027
10/27/2015	10:00 AM	57,000.0	WB	16.00	11,968.00	29	0.552	696	0.023
9/28/2015	10:00 AM	55,400.0	WB	28.00	20,944.00	62	0.452	1488	0.019
7/28/2015	10:00 AM	54,000.0	WB	31.00	23,188.00	33	0.939	792	0.039
7/28/2015	10:00 AM	52,600.0	WB	17.00	12,716.00	33	0.515	792	0.021
7/28/2015	10:00 AM	54,000.0	WB	31.00	23,188.00	33	0.939	792	0.039
7/28/2015	10:00 AM	52,600.0	WB	17.00	12,716.00	33	0.515	792	0.021
6/25/2015	10:00 AM	50,900.0	WB	11.00	8,228.00	29	0.379	696	0.016
5/27/2015	10:00 AM	49,800.0	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# 12

Property Name	Vista Cascade		
Meter Number	68686169	Meter Type	Domestic
Account Number	62329-11936	Meter Type	

REPORT DATED
10/25/2017

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	Bldg 1497 (2 BDR)				TOTALS
Units Served	4				4
Budget/Month/Unit	14				
Daily Budget Total	1.84				1.8
Monthly Budget Total	56.00				56.0

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	0.589	Tier 1 @	\$2.13	10	\$21.30	10	\$21.30
Physical Monthly-Average	17.92	Tier 2 @	\$2.30	8	\$18.40	6	\$13.80
		Tier 3 @	\$2.53				
		Tier 4 @					
		Tier 5 @					
		WATER CONSUMPTION TOTALS		18	\$39.70	16	\$35.10
		Rialto Tax					\$5.45
		Monthly Service Chg			\$33.07		\$33.07
		PAST DUE BALANCE					\$81.08
		TOTAL USAGE & CHARGES			\$72.77		\$154.70

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)
10/16/2017 10:00 AM	149,176.7	RST	11.77	8,803.96	20	0.589	480	0.025
9/26/2017 10:00 AM	148,000.0	WB	6.30	4,712.40	11	0.573	265	0.024
9/15/2017 9:05 AM	147,370.3	RST	9.70	7,255.60	17	0.571	407	0.024
8/29/2017 10:00 AM	146,400.0	WB	6.91	5,168.68	14	0.494	337	0.021
8/15/2017 9:23 AM	145,708.6	RST	12.09	9,043.32	19	0.636	455	0.027
7/27/2017 10:00 AM	144,500.0	WB	8.06	6,028.88	13	0.620	312	0.026
7/14/2017 10:00 AM	143,694.0	RST	12.94	9,679.12	16	0.809	384	0.034
6/28/2017 10:00 AM	142,400.0	WB	31.83	23,808.84	44	0.723	1056	0.030
5/15/2017 10:00 AM	139,217.0	RST	11.17	8,355.16	19	0.588	456	0.024
4/26/2017 10:00 AM	138,100.0	WB	7.22	5,400.56	12	0.602	288	0.025

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# 12

4/14/2017	10:00 AM	137,378.0	RST	9.78	7,315.44	17	0.575	408	0.024
3/28/2017	10:00 AM	136,400.0	WB	8.64	6,462.72	13	0.665	312	0.028
3/15/2017	10:00 AM	135,535.9	RST	17.36	12,985.28	16	1.085	384	0.045
2/27/2017	10:00 AM	133,800.0	WB	7.57	5,662.36	12	0.631	288	0.026
2/15/2017	10:00 AM	133,042.6	RST	8.43	6,305.64	20	0.422	480	0.018
1/26/2017	10:00 AM	132,200.0	WB	1.83	1,368.84	9	0.203	218	0.008
1/17/2017	8:43 AM	132,017.2	RST	9.17	6,859.16	21	0.437	502	0.018
12/27/2016	10:00 AM	131,100.0	WB	3.53	2,640.44	12	0.294	289	0.012
12/15/2016	9:00 AM	130,746.9	RST	5.47	4,091.56	17	0.322	407	0.013
11/28/2016	10:00 AM	130,200.0	WB	4.87	3,642.76	13	0.375	313	0.016
11/15/2016	9:00 AM	129,712.9	RST	9.13	6,829.24	19	0.481	455	0.020
10/27/2016	10:00 AM	128,800.0	WB	4.56	3,410.88	13	0.351	312	0.015
10/14/2016	10:00 AM	128,344.3	RST	6.44	4,817.12	18	0.358	432	0.015
9/26/2016	10:00 AM	127,700.0	WB	4.29	3,208.92	11	0.390	265	0.016
9/15/2016	9:00 AM	127,271.0	RST	6.71	5,019.08	21	0.320	503	0.013
8/25/2016	10:00 AM	126,600.0	WB	3.47	2,595.56	10	0.347	241	0.014
8/15/2016	9:00 AM	126,253.1	RST	17.53	13,112.44	20	0.877	479	0.037
7/26/2016	10:00 AM	124,500.0	WB	4.81	3,597.88	11	0.437	266	0.018
7/15/2016	8:30 AM	124,019.0	RST	10.19	7,622.12	17	0.599	406	0.025
6/28/2016	10:00 AM	123,000.0	WB	5.46	4,084.08	13	0.420	312	0.018
6/15/2016	10:30 AM	122,453.8	RST	11.54	8,631.92	15	0.769	360	0.032
5/31/2016	10:00 AM	121,300.0	WB	5.66	4,233.68	15	0.377	359	0.016
5/16/2016	11:00 AM	120,733.8	RST	8.34	6,238.32	20	0.417	481	0.017
4/26/2016	10:00 AM	119,900.0	WB	7.04	5,265.92	8	0.880	191	0.037
4/18/2016	11:45 AM	119,196.1	RST	8.96	6,702.08	20	0.448	481	0.019
3/29/2016	10:00 AM	118,300.0	WB	9.77	7,307.96	28	0.349	670	0.015
3/1/2016	12:35 PM	117,322.8	WMT	2.23	1,668.04	5	0.446	122	0.018
2/25/2016	10:00 AM	117,100.0	WB	10.00	7,480.00	30	0.333	720	0.014
1/26/2016	10:00 AM	116,100.0	WB	13.00	9,724.00	29	0.448	696	0.019
12/28/2015	10:00 AM	114,800.0	WB	10.28	7,689.44	12	0.857	286	0.036
12/16/2015	12:58 PM	113,771.6	RST	19.72	14,750.56	22	0.896	530	0.037
11/24/2015	10:00 AM	111,800.0	WB	19.00	14,212.00	28	0.679	672	0.028
10/27/2015	10:00 AM	109,900.0	WB	16.00	11,968.00	29	0.552	696	0.023
9/28/2015	10:00 AM	108,300.0	WB	26.00	19,448.00	32	0.813	768	0.034
8/27/2015	10:00 AM	105,700.0	WB	25.00	18,700.00	30	0.833	720	0.035
7/28/2015	10:00 AM	103,200.0	WB	23.00	17,204.00	33	0.697	792	0.029
6/25/2015	10:00 AM	100,900.0	WB	23.00	17,204.00	29	0.793	696	0.033
5/27/2015	10:00 AM	98,600.0	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.

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