



Advanced Environmental Landscape  
Design & Consulting, LLC

CSLB C-27 Lic#708716  
PO Box 8296, Alta Loma, CA 91737  
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## **WATER MANAGEMENT** **WATER ANALYSIS & RECOMMENDATIONS**

**Property Name:** Tres Lomas Garden  
**Report Dated:** 11/13/2017

### **HIGH PRIORITY RECOMMENDATIONS**

**High Priority Recommendations & Preventative Maintenance**

#### **WEBSITE LOGIN INFORMATION**

Visit [www.aelandscapedesign.com/nationalcore](http://www.aelandscapedesign.com/nationalcore)  
Enter Password- watercore

- 1. 4/21/2017: Fire Backflow Test Forms:** Please obtain and submit a copy of the remaining backflow test forms for your property (Fire). 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](mailto: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.

### **WATER USAGE ANALYSIS SUMMARY**

(See individual meter reports for more detailed information)

#### **DOMESTIC**

**Mixed Meter# 1:** Daily Average, Projected Monthly Average, and Current Water bill are each below budget.

#### **LANDSCAPE**

**Landscape System:**

**Irrigation Map:** Irrigation Map is not available at this time, as soon as it is completed we will notify you.

**Weather Based Irrigation Controllers:** Hunter 1-Core W/Solar Sync-installed 07/01/2015. Irrigation revamp completed 05/11/2016, converted to Drip and Cap areas.

**Precision Nozzles:** No Precision Nozzles are installed at this time.

**Turf Removal:** 7600 square feet, removal of 590 square feet completed 05/11/2016. Remaining 7010 square feet usage is Minimal. Removal not recommended.

***“Save Water Today, So We Have Water Tomorrow”***



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**Los Angeles Department Water & Power watering restrictions are as follow:**

Please check our website for your district's current restrictions.

**Controller in Compliance:** Controller is not currently, please see notes in Landscape description.

**Landscape Usage:**

**Mixed Meter# 1:** Please refer to Domestic Meter# 1.

**Pressure Testing:** Building does have a pressure regulator. Pressure reading is 70 PSI, pressure is average, no concern.

***“Save Water Today, So We Have Water Tomorrow”***

# Meter Summary Coversheet

Property Name Tres Lomas Garden

Meter ID	Account Number	Meter Number	Meter Type
1	0443410000	96203913	Mixed

# Water Meter Inspection and Evaluation

Report prepared by Advanced Environmental Landscape Design & Consulting, LL

METER ID# 1

Property Name	Tres Lomas Garden		
Meter Number	96203913	Meter Type	Mixed
Account Number	0443410000	Meter Type	2"

REPORT DATED  
11/13/2017

Backflow Details: Designated Backflow  Size 3" 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	Landscape	Laundry	Other	
Description	(1 BDR)	Landscape	CAM2762TQ2	Comm Center/OFC	TOTALS
Units Served	46	7600	6	2	7,654
Budget/Month/Unit	9	0.0042	13	9	
Daily Budget Total	13.61	1.05	2.56	0.59	17.8
Monthly Budget Total	414.00	31.92	78.00	18.00	541.9
<b>Bi-Monthly Budget Total</b>					<b>1,083.8</b>

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	7.521	Projected		Most Recent			
			Tier 1 @	\$5.78	457	\$2,639.18	470
Physical Monthly-Average	228.76	Tier 2 @	\$2.27			2	\$4.55
		Tier 3 @					
Physical Bi-Monthly-Average	457.53	Tier 4 @					
		Tier 5 @					
		<b>WATER CONSUMPTION TOTALS</b>		<b>457</b>	<b>\$2,639.18</b>	<b>472</b>	<b>\$2,718.80</b>
		Solid Waste Charges					\$60.01
		Sewer Service Charge					\$2,119.06
		Water Service Low Income Surcharge					
		Adjustment by WMT					
		<b>TOTAL USAGE &amp; CHARGES</b>			<b>\$2,639.18</b>		<b>\$4,897.87</b>

## 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	2,006,300.0	WB	105.30	78,764.40	14	7.521	337	0.312
10/2/2017 9:10 AM	1,995,770.1	RST	240.40	179,819.20	32	7.513	769	0.313
8/31/2017 8:42 AM	1,971,730.2	RST	126.30	94,472.40	16	7.894	382	0.331
8/15/2017 10:00 AM	1,959,100.0	WB	122.50	91,630.00	15	8.167	362	0.338
7/31/2017 8:44 AM	1,946,850.4	RST	232.90	174,209.20	28	8.318	671	0.347
7/3/2017 9:02 AM	1,923,560.8	RST	160.61	120,136.28	18	8.923	431	0.373
6/15/2017 10:00 AM	1,907,500.0	WB	466.00	348,568.00	59	7.898	1416	0.329
4/17/2017 10:00 AM	1,860,900.0	WB	122.90	91,929.20	17	7.229	409	0.300
3/31/2017 9:05 AM	1,848,610.0	RST	192.60	144,064.80	31	6.213	743	0.259
2/28/2017 10:50 AM	1,829,350.4	RST	83.50	62,458.00	13	6.423	312	0.268

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

2/15/2017	10:00 AM	1,821,000.0	WB	77.00	57,596.00	15	5.133	361	0.213
1/31/2017	9:20 AM	1,813,300.2	RST	178.10	133,218.80	32	5.566	766	0.233
12/30/2016	11:25 AM	1,795,490.4	RST	93.90	70,237.20	15	6.260	361	0.260
12/15/2016	10:00 AM	1,786,100.0	WB	69.39	51,903.72	14	4.956	333	0.208
12/1/2016	1:44 PM	1,779,160.7	RST	194.00	145,112.00	31	6.258	748	0.259
10/31/2016	9:58 AM	1,759,760.5	RST	116.61	87,224.28	17	6.859	407	0.287
10/14/2016	10:00 AM	1,748,100.0	WB	85.60	64,028.80	11	7.782	266	0.322
10/3/2016	8:50 AM	1,739,540.5	RST	230.80	172,638.40	32	7.213	767	0.301
9/1/2016	9:10 AM	1,716,460.1	RST	127.60	95,444.80	17	7.506	407	0.314
8/15/2016	10:00 AM	1,703,700.0	WB	104.69	78,308.12	14	7.478	336	0.312
8/1/2016	10:00 AM	1,693,230.9	RST	246.20	184,157.60	31	7.942	744	0.331
7/1/2016	10:05 AM	1,668,610.7	RST	119.11	89,094.28	16	7.444	384	0.310
6/15/2016	10:00 AM	1,656,700.0	WB	56.89	42,553.72	9	6.321	212	0.268
6/6/2016	2:45 PM	1,651,010.9	RST	367.11	274,598.28	52	7.060	1252	0.293
4/15/2016	10:00 AM	1,614,300.0	WB	406.00	303,688.00	57	7.123	1368	0.297
2/18/2016	10:00 AM	1,573,700.0	WB	306.29	229,104.92	45	6.806	1079	0.284
1/4/2016	11:45 AM	1,543,070.7	RST	140.71	105,251.08	19	7.406	457	0.308
12/16/2015	10:00 AM	1,529,000.0	WB	585.00	437,580.00	62	9.435	1488	0.393
10/15/2015	10:00 AM	1,470,500.0	WB	473.50	354,178.00	57	8.307	1364	0.347
8/19/2015	2:30 PM	1,423,150.3	WMT	49.50	37,026.00	5	9.900	124	0.399
8/14/2015	10:00 AM	1,418,200.0	WB	6.30	4,712.40	1	6.300	25	0.252
8/13/2015	9:30 AM	1,417,570.4	WMT	7.40	5,535.20	1	7.400	23	0.322
8/12/2015	10:10 AM	1,416,830.3	WMT	546.30	408,632.40	57	9.584	1368	0.399
6/16/2015	10:00 AM	1,362,200.0	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.

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