

**Kathleen Field - 7117**

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**From:** Kathleen Field - 7117  
**Sent:** Monday, April 10, 2017 10:06 AM  
**To:** Ralph Wagner  
**Subject:** Public Records Act Request - LACSD Monthly Water Reports  
**Attachments:** LACSD 2017 Mar Monthly Water Rpts.pdf

Hi Ralph,

Per your request, the LACSD March 2017 Monthly Water Reports are ready for pick-up at the customer service window.

Best regards,

*Kathleen Field*

Executive Assistant  
Lake Arrowhead Community Services District  
909 336-7117

## Kathleen Field - 7117

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**From:** Matt Brooks - 7163  
**Sent:** Monday, April 10, 2017 9:32 AM  
**To:** Catherine Cerri - 7102  
**Cc:** Mike Blackwood - 7134; Aida Hercules-Dodaro - 7155; Marc Lippert - 7113; Kathleen Field - 7117; Steve Papp - 7135; Mica O'Connell - 7133; Mark Lopez - 7109; Kasey Brandenberger - 7120; Justin Luck - 7154; Tim McIntire - 7161  
**Subject:** March 2017 Monthly/Quarterly Reports  
**Attachments:** Woods + DLP Monthly Reports.xlsx

Hello everyone,

Attached are the March 2017 Monthly Reports.

- In March 2017 (74.23 AF), consumption was up 6.3% compared to March 2016 (69.86 AF). Through the 1<sup>st</sup> Q of 2017 consumption is up **3.7%** (222.35 AF) compared to the 1<sup>st</sup> Q of 2016 (214.49 AF). These numbers are based off of column (12) on the Report, and only counts water delivered to the Distribution System.
- March 2017 Lake Draw = 63.44 AF vs March 2016 = 71.09 AF. Through the 1<sup>st</sup> Q of 2017 lake withdrawals are down significantly (107.07 AF) compared to the 1<sup>st</sup> Q of 2016 (212.78 AF). This can be attributed to the increased CLAWA purchase AND increased well production vs 2016, please see below.
- March 2017 Wells to System = 12.96 AF vs March 2016 = 0 AF. Through the 1<sup>st</sup> Q of 2017 "Wells To System" is (32.61 AF) compared to the 1<sup>st</sup> Q of 2016 (3.85 AF). In 2016 the District had the groundwater system OFF for the 1<sup>st</sup> Q for maintenance and in preparation for the El Nino that never came.
- March 2017 total CLAWA purchase = 0 AF vs March 2016 = 0 AF. Through the 1<sup>st</sup> Q of 2017 CLAWA purchase = 88.40 AF compared to the 1<sup>st</sup> Q of 2016 (0 AF). This can be attributed to the Bernina Tank re-coating project and the Bernina WTP being off-line for approximately 1.5 months of the 2017 1<sup>st</sup> Q.

If you have any questions or comments regarding this report please contact me.

Thank you,  
Matt

*Matt Brooks*

Operations Manager  
Lake Arrowhead Community Services District  
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**ARROWHEAD WOODS MONTHLY DATA  
ACRE FEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
2017 MONTH	TRANSFER TO GV LAKE	WELLS TO SYSTEM	BERNINA PLANT	CEDAR GLEN PLANT	COMBINED PLANT	COMBINED PLANT BACKWASH	BERNINA RECYCLE	ROTW CLAWA PURCHASE (a)	BRENTWOOD CLAWA PURCHASE (a)	COMBINED PURCHASE (a)	LAKE DRAW (b)	DELIVERED TO DISTRIBUTION (c)	METERED WATER	STORAGE VOLUME (e)	STORAGE VOLUME CHANGE +/-	UN-METERED WATER (d)
JANUARY	0.00	8.58	0.00	8.76	8.76	0.48	0.00	60.76	0.00	60.76	8.76	77.62	52.64	20.36	2.84	22.14
FEBRUARY	0.00	11.07	21.85	13.02	34.87	3.81	0.73	27.64	0.00	27.64	34.87	70.50	48.04	23.20	4.24	18.22
MARCH	0.00	12.96	63.44	0.00	63.44	5.07	2.90	0.00	0.00	0.00	63.44	74.23	51.23	27.44	0.46	22.54
<b>1ST QUARTER</b>	<b>0.00</b>	<b>32.61</b>	<b>85.29</b>	<b>21.78</b>	<b>107.07</b>	<b>9.36</b>	<b>3.63</b>	<b>88.40</b>	<b>0.00</b>	<b>88.40</b>	<b>107.07</b>	<b>222.35</b>	<b>151.91</b>	<b>71.00</b>	<b>7.54</b>	<b>62.90</b>
APRIL	0.00				0.00					0.00	0.00	0.00		27.90	-27.90	27.90
MAY	0.00				0.00					0.00	0.00	0.00			0.00	0.00
JUNE	0.00				0.00					0.00	0.00	0.00			0.00	0.00
<b>2ND QUARTER</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>27.90</b>	<b>-27.90</b>	<b>27.90</b>
<b>SEMI-ANNUAL</b>	<b>0.00</b>	<b>32.61</b>	<b>85.29</b>	<b>21.78</b>	<b>107.07</b>	<b>9.36</b>	<b>3.63</b>	<b>88.40</b>	<b>0.00</b>	<b>88.40</b>	<b>107.07</b>	<b>222.35</b>	<b>151.91</b>	<b>98.90</b>	<b>-20.36</b>	<b>90.80</b>
JULY	0.00				0.00					0.00	0.00	0.00			0.00	0.00
AUGUST	0.00				0.00					0.00	0.00	0.00			0.00	0.00
SEPTEMBER	0.00				0.00					0.00	0.00	0.00			0.00	0.00
<b>3RD QUARTER</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
OCTOBER	0.00				0.00					0.00	0.00	0.00			0.00	0.00
NOVEMBER	0.00				0.00					0.00	0.00	0.00			0.00	0.00
DECEMBER	0.00				0.00					0.00	0.00	0.00			0.00	0.00
<b>4TH QUARTER</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ANNUAL TOTAL</b>	<b>0.00</b>	<b>32.61</b>	<b>85.29</b>	<b>21.78</b>	<b>107.07</b>	<b>9.36</b>	<b>3.63</b>	<b>88.40</b>	<b>0.00</b>	<b>88.40</b>	<b>107.07</b>	<b>222.35</b>	<b>151.91</b>	<b>98.90</b>	<b>-20.36</b>	<b>90.80</b>

(a) CLAWA consumption numbers are based upon monthly billing statements provided by CLAWA. CLAWA reads these meters on or near the 24th of each month , so the numbers may not be an actual representation of water consumed for said calendar month.

(b) Lake Draw = (1) + (5)

(c) Delivered to Distribution = (2) + (5) - (6) + (7) + (10)

(d) Un-Metered Water = ((12) - (13)) - (15)

(e) Storage Volume calculated 8:00 am the 1st of every month.

**DEER LODGE PARK/RIMFOREST MONTHLY DATA  
ACRE FEET**

2017 MONTH	(1) DLP WELLS	(2) DLP CLAWA	(3) DLP TOTAL (a)	(4) METERED WATER	(5) UN-METERED WATER (b)	(6) RIMFOREST CLAWA	(7) METERED WATER	(8) UN-METERED WATER (b)
JANUARY	0.00	1.79	1.79	1.57	0.22	3.72	2.51	1.21
FEBRUARY	0.00	1.69	1.69	1.54	0.15	2.61	2.37	0.24
MARCH	0.00	1.90	1.90	1.91	-0.01	3.11	2.83	0.28
<b>1ST QUARTER</b>	<b>0.00</b>	<b>5.38</b>	<b>5.38</b>	<b>5.02</b>	<b>0.36</b>	<b>9.44</b>	<b>7.71</b>	<b>1.73</b>
APRIL			0.00		0.00			0.00
MAY			0.00		0.00			0.00
JUNE			0.00		0.00			0.00
<b>2ND QUARTER</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>SEMI-ANNUAL</b>	<b>0.00</b>	<b>5.38</b>	<b>5.38</b>	<b>5.02</b>	<b>0.36</b>	<b>9.44</b>	<b>7.71</b>	<b>1.73</b>
JULY			0.00		0.00			0.00
AUGUST			0.00		0.00			0.00
SEPTEMBER			0.00		0.00			0.00
<b>3RD QUARTER</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
OCTOBER			0.00		0.00			0.00
NOVEMBER			0.00		0.00			0.00
DECEMBER			0.00		0.00			0.00
<b>4TH QUARTER</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>ANNUAL TOTAL</b>	<b>0.00</b>	<b>5.38</b>	<b>5.38</b>	<b>5.02</b>	<b>0.36</b>	<b>9.44</b>	<b>7.71</b>	<b>1.73</b>

(a) DLP Total = (1) + (2)

(b) Un-Metered Water = (3) - (4) DLP, (6) - (7) RF

(c) Un-Metered % = (5)/(3) X 100

\*\* Structure fire in Rim Forest which accounts for some of the Un-metered water

## Kathleen Field - 7117

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**From:** Matt Brooks - 7163  
**Sent:** Monday, April 10, 2017 9:37 AM  
**To:** Catherine Cerri - 7102  
**Cc:** Mike Blackwood - 7134; Marc Lippert - 7113; Kathleen Field - 7117; Mica O'Connell - 7133; Mark Lopez - 7109; Justin Luck - 7154; Kasey Brandenberger - 7120; 'Jim Grant'; Ronald Bukovac  
**Subject:** March 2017 GV Wells and Recycled Water Monthly/Quarterly Report  
**Attachments:** GV Wells Monthly .xlsx

Hello everyone,

Attached is the March 2017 Monthly/Quarterly GV Wells Production and Recycled Water delivery report.

- March 2017 Wells to System = 12.96 AF vs March 2016 = 0 AF.
- March 2017 ALA Well #8 production = 769,008 gallons = 2.36 AF = 1,028.08 CCF.
- March 2017 Recycled Water delivered = 0 AF vs March 2016 = 0 AF.

If you have any questions or comments regarding this report please contact me.

Thank you,  
Matt

*Matt Brooks*

*Operations Manager*  
**Lake Arrowhead Community Services District**  
*P.O. Box 700 Lake Arrowhead CA 92352*  
*Office: 909.336.7163*  
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**GRASS VALLEY WELLS MONTHLY DATA  
ACRE FEET**

2017 MONTH	(1) Well #1 *	(2) Well #2 *	(3) Well #5 *	(4) Well #6 *	(5) ALA Well #8 **	(6) Delivered to Distribution ***	(7) Recycled Water Delivered ****
JANUARY	2.01	0.26	2.90	1.81	1.78	8.58	0.00
FEBRUARY	2.46	0.00	4.28	2.35	2.16	11.07	0.00
MARCH	2.94	0.00	5.00	2.84	2.36	12.96	0.00
1ST QUARTER	7.41	0.26	12.18	7.00	6.30	32.61	0.00
APRIL							
MAY							
JUNE							
2ND QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SEMI-ANNUAL	7.41	0.26	12.18	7.00	6.30	32.61	0.00
JULY							
AUGUST							
SEPTEMBER							
3RD QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCTOBER							
NOVEMBER							
DECEMBER							
4TH QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANNUAL TOTAL	7.41	0.26	12.18	7.00	6.30	32.61	0.00

\* Wells #1, #2, #5, #6 LACC Agreement

\*\* Well #8 ALA Agreement

\*\*\* Delivered to Distribution from IX Plant effluent meters

\*\*\*\* Reported by GVVWTP Staff