

**Kathleen Field - 7117**

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**From:** Kathleen Field - 7117  
**Sent:** Wednesday, May 2, 2018 11:55 AM  
**To:** Ralph Wagner  
**Subject:** Public Records Act Request - Wagner LACSD April 2018 Monthly/Quarterly Water Reports

Hi Ralph,

Per your request, the LACSD April 2018 Monthly/Annual 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:** Wednesday, May 2, 2018 10:11 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; Tim McIntire - 7161; Tony Carricaburu - 7161; Matt O'Kelly; Jeff Lewis; Natalie Potter - 7112  
**Subject:** April 2018 Monthly Reports  
**Attachments:** Woods + DLP Monthly Reports 2018.xlsx

Hello everyone,

Attached are the April 2018 Monthly Reports.

- In April 2018 (67.12 AF), consumption was 15.6% lower when compared to April 2017 (79.50 AF). Through the 1<sup>st</sup> 4 months of 2018 consumption is down **17.9%** (248.67 AF) compared to the 1<sup>st</sup> 4 months of 2017 (302.85 AF). These numbers are based off of column (12) on the Report, and only counts water delivered to the Distribution System.
- April 2018 Lake Draw = 53.17 AF vs April 2017 = 67.70 AF. Through the 1<sup>st</sup> 4 months of 2018 lake withdrawals are up slightly (187.75 AF) compared to the 1<sup>st</sup> 4 months of 2017 (174.77 AF).
- April 2018 Wells to System = 11.74 AF vs April 2017 = 12.78 AF. Through the 1<sup>st</sup> 4 months of 2018 "Wells To System" is very similar (44.72 AF) when compared to the 1<sup>st</sup> 4 months of 2017 (45.39 AF).
- April 2018 total CLAWA purchase = 5.56 AF vs April 2017 = 0 AF. Through the 1<sup>st</sup> 4 months of 2018 CLAWA purchase = 25.24 AF compared to the 1<sup>st</sup> 4 months of 2017 = 88.40 AF. CLAWA was turned off on January 31, 2018, but CLAWA will continue to be purchased throughout the duration of the North Bay Pump Station Replacement Project as necessary. We started purchasing CLAWA 1 overlap water on April 19<sup>th</sup>, and this year we are entitled to 44.37 AF at the CLAWA 1 connection.

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)
2018 MONTH	TRANSFER TO GV LAKE	WELLS TO SYSTEM	BERNINA PLANT	CEDAR GLEN PLANT	COMBINED PLANT	COMBINED PLANT BACKWASH	BERNINA RECYCLE	CLAWA PURCHASE (a)	ROTW CLAWA PURCHASE (a)	BRENTWOOD CLAWA PURCHASE (a)	LAKE DRAW (b)	DELIVERED TO DISTRIBUTION (c)	METERED WATER	STORAGE VOLUME (e)	STORAGE VOLUME CHANGE +/-	UN-METERED WATER (d)
JANUARY	0.00	11.57	0.00	32.93	32.93	1.57	0.00	19.68	0.00	19.68	32.93	62.61	51.30	27.73	-1.69	13.00
FEBRUARY	0.00	10.12	0.00	52.02	52.02	2.43	0.00	0.00	0.00	0.00	52.02	59.71	48.50	26.04	1.26	9.95
MARCH	0.00	11.29	0.00	49.63	49.63	1.69	0.00	0.00	0.00	0.00	49.63	59.23	48.48	27.30	-0.22	10.97
<b>1ST QUARTER</b>	<b>0.00</b>	<b>32.98</b>	<b>0.00</b>	<b>134.58</b>	<b>134.58</b>	<b>5.69</b>	<b>0.00</b>	<b>19.68</b>	<b>0.00</b>	<b>19.68</b>	<b>134.58</b>	<b>181.55</b>	<b>148.28</b>	<b>81.07</b>	<b>-0.65</b>	<b>33.92</b>
APRIL	0.00	11.74	0.00	53.17	53.17	3.35	0.00	0.00	5.56	5.56	53.17	67.12	58.56	27.08	-0.84	9.40
MAY	0.00				0.00					0.00	0.00	0.00		26.24	-26.24	26.24
JUNE	0.00				0.00					0.00	0.00	0.00			0.00	0.00
<b>2ND QUARTER</b>	<b>0.00</b>	<b>11.74</b>	<b>0.00</b>	<b>53.17</b>	<b>53.17</b>	<b>3.35</b>	<b>0.00</b>	<b>0.00</b>	<b>5.56</b>	<b>5.56</b>	<b>53.17</b>	<b>67.12</b>	<b>58.56</b>	<b>53.32</b>	<b>-27.08</b>	<b>35.64</b>
<b>SEMI-ANNUAL</b>	<b>0.00</b>	<b>44.72</b>	<b>0.00</b>	<b>187.75</b>	<b>187.75</b>	<b>9.04</b>	<b>0.00</b>	<b>19.68</b>	<b>5.56</b>	<b>25.24</b>	<b>187.75</b>	<b>248.67</b>	<b>206.84</b>	<b>134.39</b>	<b>-27.73</b>	<b>69.56</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
<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>44.72</b>	<b>0.00</b>	<b>187.75</b>	<b>187.75</b>	<b>9.04</b>	<b>0.00</b>	<b>19.68</b>	<b>5.56</b>	<b>25.24</b>	<b>187.75</b>	<b>248.67</b>	<b>206.84</b>	<b>134.39</b>	<b>-27.73</b>	<b>69.56</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**

	(1)	(2)	(3)	(4)	(5)		(6)	(7)	(8)
2018 MONTH	DLP WELLS	DLP CLAWA	DLP TOTAL (a)	METERED WATER	UN-METERED WATER (b)		RIMFOREST CLAWA	METERED WATER	UN-METERED WATER (b)
JANUARY	0.77	1.38	2.15	1.73	0.42		2.68	2.62	0.06
FEBRUARY	1.26	0.67	1.93	1.62	0.31		3.12	2.48	0.64
MARCH	1.57	0.59	2.16	1.76	0.40		3.23	2.70	0.53
<b>1ST QUARTER</b>	<b>3.60</b>	<b>2.64</b>	<b>6.24</b>	<b>5.11</b>	<b>1.13</b>		<b>9.03</b>	<b>7.80</b>	<b>1.23</b>
APRIL	1.98	0.57	2.55	2.19	0.36		3.36	2.86	0.50
MAY			0.00		0.00				0.00
JUNE			0.00		0.00				0.00
<b>2ND QUARTER</b>	<b>1.98</b>	<b>0.57</b>	<b>2.55</b>	<b>2.19</b>	<b>0.36</b>		<b>3.36</b>	<b>2.86</b>	<b>0.50</b>
<b>SEMI-ANNUAL</b>	<b>5.58</b>	<b>3.21</b>	<b>8.79</b>	<b>7.30</b>	<b>1.49</b>		<b>12.39</b>	<b>10.66</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>5.58</b>	<b>3.21</b>	<b>8.79</b>	<b>7.30</b>	<b>1.49</b>		<b>12.39</b>	<b>10.66</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:** Wednesday, May 2, 2018 10:18 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; Matt O'Kelly; Kasey Brandenberger - 7120; Ronald Bukovac; Monty Wright; cmassey@lakearrowheadcc.com; Jeff Lewis; Natalie Potter - 7112  
**Subject:** April 2018 GV Wells and Recycled Water Monthly Report  
**Attachments:** GV Wells Monthly 2018.xlsx

Hello everyone,

Attached is the April 2018 GV Wells and Recycled Water Monthly Report.

- April 2018 Wells to System = 11.74 AF vs April 2017 = 12.78 AF. Through the 1<sup>st</sup> 4 months of 2018 "Wells To System" is very similar (44.72 AF) when compared to the 1<sup>st</sup> 4 months of 2017 (45.39 AF).
- April 2018 ALA Well #8 production = 713,614 gallons = 2.19 AF = 954.03 CCF.
- April 2018 Recycled Water delivered = 30.31 AF vs April 2017 = 7.67 AF. Recycled water deliveries began on April 7<sup>th</sup> this year.

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  
Cell: 909.225.8004  
Fax: 909.336.5264

**GRASS VALLEY WELLS MONTHLY DATA  
ACRE FEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>2018</b>	<b>Well #1 *</b>	<b>Well #2 *</b>	<b>Well #5 *</b>	<b>Well #6 *</b>	<b>ALA Well #8 **</b>	<b>Delivered to Distribution ***</b>	<b>Recycled Water Delivered ****</b>
<b>MONTH</b>							
JANUARY	2.49	0.92	4.31	2.10	1.83	11.57	0.00
FEBRUARY	2.25	0.00	4.36	1.80	1.88	10.12	0.00
MARCH	2.50	0.00	4.21	2.16	2.19	11.29	0.00
<b>1ST QUARTER</b>	<b>7.24</b>	<b>0.92</b>	<b>12.88</b>	<b>6.06</b>	<b>5.90</b>	<b>32.98</b>	<b>0.00</b>
APRIL	2.59	0.00	4.74	2.38	2.19	11.74	30.31
MAY							
JUNE							
<b>2ND QUARTER</b>	<b>2.59</b>	<b>0.00</b>	<b>4.74</b>	<b>2.38</b>	<b>2.19</b>	<b>11.74</b>	<b>30.31</b>
<b>SEMI-ANNUAL</b>	<b>9.83</b>	<b>0.92</b>	<b>17.62</b>	<b>8.44</b>	<b>8.09</b>	<b>44.72</b>	<b>30.31</b>
JULY							
AUGUST							
SEPTEMBER							
<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>
OCTOBER							
NOVEMBER							
DECEMBER							
<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>ANNUAL TOTAL</b>	<b>9.83</b>	<b>0.92</b>	<b>17.62</b>	<b>8.44</b>	<b>8.09</b>	<b>44.72</b>	<b>30.31</b>

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

\*\* Well #8 ALA Agreement

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

\*\*\*\* Reported by GVWWTP Staff