

**Kathleen Field - 7117**

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**From:** Kathleen Field - 7117  
**Sent:** Thursday, September 6, 2018 2:41 PM  
**To:** Ralph Wagner  
**Subject:** Public Records Act Request - Wagner LACSD August 2018 Monthly Reports Water Reports  
**Attachments:** LACSD AUG MTHLY WATER RPTS.pdf

Hi Ralph,

Per your request, the LACSD August 2018 Monthly Water Reports are ready for pick-up at the customer service window.

Sincerely,

*Kathleen Field*  
Executive Assistant  
Lake Arrowhead Community Services District  
909 336-7117

## Kathleen Field - 7117

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**From:** Matt Brooks - 7163  
**Sent:** Thursday, September 6, 2018 12:33 PM  
**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; Tony Carricaburu - 7161; Matt O'Kelly; Jeff Lewis; Natalie Potter - 7112  
**Subject:** August 2018 Monthly Reports  
**Attachments:** Woods + DLP Monthly Reports 2018.xlsx

Hello everyone,

Attached are the August 2018 Monthly Reports.

- In August 2018 (181.94 AF), consumption was 6% lower when compared to August 2017 (193.69 AF). Through the 1<sup>st</sup> 8 months of 2018 consumption is down 12% (892.31 AF) compared to the 1<sup>st</sup> 8 months of 2017 (1014.71 AF). These numbers are based off of column (12) on the Report, and only counts water delivered to the Distribution System.
- August 2018 Lake Draw = 180.02 AF vs August 2017 = 185.60 AF. Through the 1<sup>st</sup> 8 months of 2018 lake withdrawals are down 21.5% (657.74 AF) compared to the 1<sup>st</sup> 8 months of 2017 (838.18 AF).
- August 2018 Wells to System = 13.97 AF vs August 2017 = 13.67 AF. Through the 1<sup>st</sup> 8 months of 2018 "Wells To System" is down 15.4% (92.63 AF) when compared to the 1<sup>st</sup> 8 months of 2017 (109.39 AF).
- August 2018 total CLAWA purchase = 1.97 AF vs August 2017 = 0 AF. Through the 1<sup>st</sup> 8 months of 2018 CLAWA purchase = 186.51 AF compared to the 1<sup>st</sup> 8 months of 2017 = 91.92 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  
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**ARROWHEAD WOODS MONTHLY DATA  
ACRE FEET**

2018 MONTH	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	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	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	10.66	0.00	88.24	88.24	5.38	0.00	0.00	26.83	26.83	88.24	120.35	107.30	26.24	-0.90	13.95
JUNE	0.00	11.78	0.00	92.50	92.50	6.17	0.00	16.61	40.51	57.12	92.50	155.23	142.44	25.34	2.37	10.42
<b>2ND QUARTER</b>	<b>0.00</b>	<b>34.18</b>	<b>0.00</b>	<b>233.91</b>	<b>233.91</b>	<b>14.90</b>	<b>0.00</b>	<b>16.61</b>	<b>72.90</b>	<b>89.51</b>	<b>233.91</b>	<b>342.70</b>	<b>308.30</b>	<b>78.66</b>	<b>0.63</b>	<b>33.77</b>
<b>SEMI-ANNUAL</b>	<b>0.00</b>	<b>67.16</b>	<b>0.00</b>	<b>368.49</b>	<b>368.49</b>	<b>20.59</b>	<b>0.00</b>	<b>36.29</b>	<b>72.90</b>	<b>109.19</b>	<b>368.49</b>	<b>524.25</b>	<b>456.58</b>	<b>159.73</b>	<b>-0.02</b>	<b>67.69</b>
JULY	0.00	11.50	9.40	99.83	109.23	9.96	0.00	55.46	19.89	75.35	109.23	186.12	170.23	27.71	-2.07	17.96
AUGUST	0.00	13.97	131.55	48.47	180.02	16.04	6.83	1.90	0.07	1.97	180.02	181.94	170.15	25.64	2.25	9.54
SEPTEMBER	0.00				0.00					0.00	0.00	0.00		27.89	0.00	0.00
<b>3RD QUARTER</b>	<b>0.00</b>	<b>25.47</b>	<b>140.95</b>	<b>148.30</b>	<b>289.25</b>	<b>26.00</b>	<b>6.83</b>	<b>57.36</b>	<b>19.96</b>	<b>77.32</b>	<b>289.25</b>	<b>368.06</b>	<b>340.38</b>	<b>81.24</b>	<b>0.18</b>	<b>27.50</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>92.63</b>	<b>140.95</b>	<b>516.79</b>	<b>657.74</b>	<b>46.59</b>	<b>6.83</b>	<b>93.65</b>	<b>92.86</b>	<b>186.51</b>	<b>657.74</b>	<b>852.31</b>	<b>796.96</b>	<b>240.97</b>	<b>0.16</b>	<b>95.19</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 = Bernina System Input Meter + (4) + (8)

(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**

2018 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	0.77	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	2.25	1.42	3.67	2.95	0.72	3.08	2.98	0.10
JUNE	1.12	2.30	3.42	3.54	-0.12	3.75	3.35	0.40
<b>2ND QUARTER</b>	<b>5.35</b>	<b>4.29</b>	<b>9.64</b>	<b>8.68</b>	<b>0.96</b>	<b>10.19</b>	<b>9.19</b>	<b>1.00</b>
<b>SEMI-ANNUAL</b>	<b>8.95</b>	<b>6.93</b>	<b>15.88</b>	<b>13.79</b>	<b>2.09</b>	<b>19.22</b>	<b>16.99</b>	<b>2.23</b>
JULY	1.52	2.77	4.29	3.90	0.39	3.61	3.45	0.16
AUGUST	1.89	2.72	4.61	4.22	0.39	3.93	3.62	0.31
SEPTEMBER			0.00		0.00			0.00
<b>3RD QUARTER</b>	<b>3.41</b>	<b>5.49</b>	<b>8.90</b>	<b>8.12</b>	<b>0.78</b>	<b>7.54</b>	<b>7.07</b>	<b>0.47</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>12.36</b>	<b>12.42</b>	<b>24.78</b>	<b>21.91</b>	<b>2.87</b>	<b>26.76</b>	<b>24.06</b>	<b>2.70</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:** Thursday, September 6, 2018 12:38 PM  
**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; cmassey@lakearrowheadcc.com; Jeff Lewis; Natalie Potter - 7112; Wayne Austin  
**Subject:** August 2018 GV Wells and Recycled Water Monthly Report  
**Attachments:** GV Wells Monthly 2018.xlsx

Hello everyone,

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

- August 2018 Wells to System = 13.97 AF vs August 2017 = 13.67 AF. Through the 1<sup>st</sup> 8 months of 2018 "Wells To System" is lower (92.63 AF) when compared to the 1<sup>st</sup> 8 months of 2017 (109.39 AF).
- August 2018 ALA Well #8 production = 677,777 gallons = 2.08 AF = 906.11 CCF.
- August 2018 Recycled Water delivered = 44.30 AF vs August 2017 = 37.65 AF. Through the 1<sup>st</sup> 8 months of 2018 Recycled Water delivered = 200.65 AF compared to the 1<sup>st</sup> 8 months of 2017 = 174.93 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  
Cell: 909.225.8004  
Fax: 909.336.5264

**GRASS VALLEY WELLS MONTHLY DATA  
ACRE FEET**

2018 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	2.49	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	1.51	0.00	4.87	2.24	2.22	10.66	35.13
JUNE	2.60	0.00	4.85	2.39	2.11	11.78	45.30
<b>2ND QUARTER</b>	<b>6.70</b>	<b>0.00</b>	<b>14.46</b>	<b>7.01</b>	<b>6.52</b>	<b>34.18</b>	<b>110.74</b>
<b>SEMI-ANNUAL</b>	<b>13.94</b>	<b>0.92</b>	<b>27.34</b>	<b>13.07</b>	<b>12.42</b>	<b>67.16</b>	<b>110.74</b>
JULY	2.63	0.00	4.63	2.40	2.08	11.50	45.61
AUGUST	2.68	2.90	4.11	2.43	2.08	13.97	44.30
SEPTEMBER							
<b>3RD QUARTER</b>	<b>5.31</b>	<b>2.90</b>	<b>8.74</b>	<b>4.83</b>	<b>4.16</b>	<b>25.47</b>	<b>89.91</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>19.25</b>	<b>3.82</b>	<b>36.08</b>	<b>17.90</b>	<b>16.58</b>	<b>92.63</b>	<b>200.65</b>

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

\*\* Well #8 ALA Agreement

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

\*\*\*\* Reported by GWWWTP Staff