

## Kathleen Field - 7117

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**From:** Matt Brooks - 7163  
**Sent:** Tuesday, August 02, 2016 4:22 PM  
**To:** Catherine Cerri - 7108  
**Cc:** Mike Blackwood - 7134; Aida Hercules-Dodaro - 7155; Marc Lippert - 7113; Tony Carricaburu - 7139; Kathleen Field - 7117; Steve Papp - 7135; Mica O'Connell - 7133; Mark Lopez - 7109; Kasey Brandenberger - 7120; Justin Luck - 7154  
**Subject:** July 2016 Monthly Reports  
**Attachments:** Woods + DLP Monthly Reports.xlsx

Hello everyone,

Attached are the July 2016 Monthly Reports.

- In July 2016 (206.10 AF), consumption was up 28.9% compared to July 2015 (159.88 AF). Through the 1<sup>st</sup> 7 months of 2016 (772.56 AF), consumption was up 12.4% compared to the 1<sup>st</sup> 7 months of 2015 (687.27 AF). These numbers are based off of column (12) on the Report, and only counts water delivered to the Distribution System.
- July 2016 Lake Draw = 195.95 vs July 2015 = 150.29 AF. Lake Draw 1<sup>st</sup> 7 months of 2016 = 699.83 vs 1<sup>st</sup> 7 months of 2015 = 581.67.
- July 2016 Wells to System = 15.23 AF vs July 2015 = 13.48 AF. Wells to System 1<sup>st</sup> 7 months of 2016 = 51.87 AF vs 1<sup>st</sup> 6 months of 2015 = 91.94 AF.
- July 2016 total CLAWA purchase = 0 AF. CLAWA purchase 1<sup>st</sup> 7 months of 2016 = 34.70 AF vs 1<sup>st</sup> 7 months of 2015 = 37.29 AF. On June 27<sup>th</sup> CLAWA I was turned off as we had received our allotted Overlap water.

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

Thank you,  
Matt

*Matt Brooks*

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Lake Arrowhead Community Services District

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**ARROWHEAD WOODS MONTHLY DATA  
ACRE FEET**

2016 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	3.85	73.88	0.00	73.88	5.02	4.47	0.00	0.00	0.00	73.88	77.18	53.48	26.67	1.05	22.65
FEBRUARY	0.00	0.00	67.81	0.00	67.81	4.34	3.98	0.00	0.00	0.00	67.81	67.45	47.24	27.72	-0.17	20.38
MARCH	0.00	0.00	71.09	0.00	71.09	5.06	3.83	0.00	0.00	0.00	71.09	69.86	50.95	27.55	0.76	18.15
<b>1ST QUARTER</b>	<b>0.00</b>	<b>3.85</b>	<b>212.78</b>	<b>0.00</b>	<b>212.78</b>	<b>14.42</b>	<b>12.28</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>212.78</b>	<b>214.49</b>	<b>151.67</b>	<b>81.94</b>	<b>1.64</b>	<b>61.18</b>
APRIL	0.00	4.87	49.51	0.00	49.51	3.73	2.65	0.00	11.93	11.93	49.51	65.23	48.22	28.31	-0.19	17.20
MAY	0.00	12.08	91.35	0.00	91.35	5.69	5.20	0.00	12.33	12.33	91.35	115.27	86.00	28.12	-0.62	29.89
JUNE	0.00	15.84	138.66	11.58	150.24	11.00	5.95	0.00	10.44	10.44	150.24	171.47	140.31	27.50	-1.98	33.14
<b>2ND QUARTER</b>	<b>0.00</b>	<b>32.79</b>	<b>279.52</b>	<b>11.58</b>	<b>291.10</b>	<b>20.42</b>	<b>13.80</b>	<b>0.00</b>	<b>34.70</b>	<b>34.70</b>	<b>291.10</b>	<b>351.97</b>	<b>274.53</b>	<b>83.93</b>	<b>-2.79</b>	<b>80.23</b>
<b>SEMI-ANNUAL</b>	<b>0.00</b>	<b>36.64</b>	<b>492.30</b>	<b>11.58</b>	<b>503.88</b>	<b>34.84</b>	<b>26.08</b>	<b>0.00</b>	<b>34.70</b>	<b>34.70</b>	<b>503.88</b>	<b>566.46</b>	<b>426.20</b>	<b>165.87</b>	<b>-1.15</b>	<b>141.41</b>
JULY	0.00	15.23	178.66	17.29	195.95	12.79	7.71	0.00	0.00	0.00	195.95	206.10	160.96	25.52	-0.41	45.55
AUGUST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.11	-25.11	25.11
SEPTEMBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>3RD QUARTER</b>	<b>0.00</b>	<b>15.23</b>	<b>178.66</b>	<b>17.29</b>	<b>195.95</b>	<b>12.79</b>	<b>7.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>195.95</b>	<b>206.10</b>	<b>160.96</b>	<b>50.63</b>	<b>-25.52</b>	<b>70.66</b>
OCTOBER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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>51.87</b>	<b>670.96</b>	<b>28.87</b>	<b>699.83</b>	<b>47.63</b>	<b>33.79</b>	<b>0.00</b>	<b>34.70</b>	<b>34.70</b>	<b>699.83</b>	<b>772.56</b>	<b>587.16</b>	<b>216.50</b>	<b>-26.67</b>	<b>212.07</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**

2016 MONTH	(1) DLP WELLS	(2) DLP CLAWA	(3) DLP TOTAL <b>(a)</b>	(4) METERED WATER	(5) UN-METERED WATER <b>(b)</b>	(6) RIMFOREST CLAWA	(7) METERED WATER	(8) UN-METERED WATER <b>(b)</b>
JANUARY	0.55	1.44	1.99	1.70	0.29	4.08	2.72	1.36
FEBRUARY	0.44	1.41	1.85	1.64	0.21	3.07	2.54	0.53
MARCH	1.91	0.06	1.97	1.78	0.19	2.96	2.72	0.24
<b>1ST QUARTER</b>	<b>2.90</b>	<b>2.91</b>	<b>5.81</b>	<b>5.12</b>	<b>0.69</b>	<b>10.11</b>	<b>7.98</b>	<b>2.13</b>
APRIL	2.00	0.00	2.00	1.77	0.23	2.72	2.64	0.08
MAY	2.65	0.00	2.65	2.40	0.25	3.62	2.95	0.67
JUNE	2.35	1.76	4.11	3.59	0.52	4.45	3.33	1.12
<b>2ND QUARTER</b>	<b>7.00</b>	<b>1.76</b>	<b>8.76</b>	<b>7.76</b>	<b>1.00</b>	<b>10.79</b>	<b>8.92</b>	<b>1.87</b>
<b>SEMI-ANNUAL</b>	<b>9.90</b>	<b>4.67</b>	<b>14.57</b>	<b>12.88</b>	<b>1.69</b>	<b>20.90</b>	<b>16.90</b>	<b>4.00</b>
JULY	1.80	2.59	4.39	3.91	0.48	4.79	3.36	1.43
AUGUST			0.00		0.00			0.00
SEPTEMBER			0.00		0.00			0.00
<b>3RD QUARTER</b>	<b>1.80</b>	<b>2.59</b>	<b>4.39</b>	<b>3.91</b>	<b>0.48</b>	<b>4.79</b>	<b>3.36</b>	<b>1.43</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>11.70</b>	<b>7.26</b>	<b>18.96</b>	<b>16.79</b>	<b>2.17</b>	<b>25.69</b>	<b>20.26</b>	<b>5.43</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**

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**From:** Matt Brooks - 7163  
**Sent:** Tuesday, August 02, 2016 4:33 PM  
**To:** Catherine Cerri - 7108  
**Cc:** Mike Blackwood - 7134; Marc Lippert - 7113; Tony Carricaburu - 7139; Kathleen Field - 7117; Mica O'Connell - 7133; Mark Lopez - 7109; Justin Luck - 7154; Kasey Brandenberger - 7120; 'Jim Grant'; Ken Nelsen (KNelsen@ala-ca.org)  
**Subject:** July 2016 GV Wells and Recycled Water Delivery Report  
**Attachments:** GV Wells Monthly.xlsx

Hello Everyone,

Attached is the July 2016 Monthly GV Wells Production and Recycled Water Delivery Report.

- July 2016 Wells to System = 15.23 AF vs July 2015 = 13.48 AF. Wells to System 1<sup>st</sup> 7 months of 2016 = 51.87 AF vs 1<sup>st</sup> 7 months of 2015 = 91.94 AF.
- July 2016 ALA Well #8 production = 736,423.26 gallons = 2.26 AF = 984.52 CCF.
- July 2016 Recycled water delivered = 52.46 AF vs July 2015 = 33.60 AF. Recycled water delivered 1<sup>st</sup> 7 months of 2016 = 131.16 AF vs 1<sup>st</sup> 7 months of 2015 = 143.36 AF.

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

Thank you,  
Matt

*Matt Brooks*

*Operations Manager  
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**GRASS VALLEY WELLS MONTHLY DATA  
ACRE FEET**

2016 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	1.15	0.84	0.01	0.82	1.06	3.85	0.00
FEBRUARY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARCH	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>1ST QUARTER</b>	<b>1.15</b>	<b>0.84</b>	<b>0.01</b>	<b>0.82</b>	<b>1.06</b>	<b>3.85</b>	<b>0.00</b>
APRIL	2.21	0.16	0.03	0.52	2.26	4.87	3.05
MAY	2.83	0.00	3.82	2.32	3.41	12.08	28.49
JUNE	2.79	3.89	4.31	2.55	2.46	15.84	47.16
<b>2ND QUARTER</b>	<b>7.83</b>	<b>4.05</b>	<b>8.16</b>	<b>5.39</b>	<b>8.13</b>	<b>32.79</b>	<b>78.70</b>
<b>SEMI-ANNUAL</b>	<b>8.98</b>	<b>4.89</b>	<b>8.17</b>	<b>6.21</b>	<b>9.19</b>	<b>36.64</b>	<b>78.70</b>
JULY	2.98	3.42	4.07	2.80	2.26	15.23	52.46
AUGUST							
SEPTEMBER							
<b>3RD QUARTER</b>	<b>2.98</b>	<b>3.42</b>	<b>4.07</b>	<b>2.80</b>	<b>2.26</b>	<b>15.23</b>	<b>52.46</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>11.96</b>	<b>8.31</b>	<b>12.24</b>	<b>9.01</b>	<b>11.45</b>	<b>51.87</b>	<b>131.16</b>

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

\*\* Well #8 ALA Agreement

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

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