

## Kathleen Field - 7117

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**From:** Matt Brooks - 7163  
**Sent:** Thursday, June 02, 2016 8:54 AM  
**To:** Leo Havener - 7102  
**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; Catherine Cerri - 7108; Kasey Brandenberger - 7120; Justin Luck - 7154  
**Subject:** May 2016 Monthly Reports  
**Attachments:** Woods + DLP Monthly Reports.xlsx

Hello everyone,

Attached are the May 2016 Monthly Reports.

- In May 2016 (115.27 AF), consumption was up 16.3% compared to May 2015 (99.09 AF). Through the 1<sup>st</sup> 5 months of 2016 (394.99 AF), consumption was up 1.5% compared to the 1<sup>st</sup> 5 months of 2015 (388.94 AF). These numbers are based off of column (12) on the Report, and only counts water delivered to the Distribution System.
- May 2016 Lake Draw = 91.35 AF vs May 2015 = 54.91 AF. Lake Draw 1<sup>st</sup> 5 months of 2016 = 353.64 vs 1<sup>st</sup> 5 months of 2015 = 301.63.
- May 2016 Wells to System = 12.08 AF vs May 2015 = 14.76 AF. Wells to System 1<sup>st</sup> 5 months of 2016 = 20.80 AF vs 1<sup>st</sup> 5 months of 2015 = 65.59 AF. **(Well #5 was put back online on 5/7/16. We are working towards having well #2 on-line the week of June 13th.)**
- May 2016 total CLAWA purchase = 12.33 AF. CLAWA purchase 1<sup>st</sup> 5 months of 2016 = 24.26 AF vs 1<sup>st</sup> 5 months of 2015 = 37.29 AF. We began taking our allotted 34.13 AF from CLAWA I (based upon 2015 Overlap Area usage) on May 1, 2016 @ 90 GPM.

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

Thank you,  
Matt

*Matt Brooks*

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**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			0.00		0.00			0.00
<b>2ND QUARTER</b>	<b>4.65</b>	<b>0.00</b>	<b>4.65</b>	<b>4.17</b>	<b>0.48</b>	<b>6.34</b>	<b>5.59</b>	<b>0.75</b>
<b>SEMI-ANNUAL</b>	<b>7.55</b>	<b>2.91</b>	<b>10.46</b>	<b>9.29</b>	<b>1.17</b>	<b>16.45</b>	<b>13.57</b>	<b>2.88</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>7.55</b>	<b>2.91</b>	<b>10.46</b>	<b>9.29</b>	<b>1.17</b>	<b>16.45</b>	<b>13.57</b>	<b>2.88</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**

**ARROWHEAD WOODS MONTHLY DATA  
ACRE FEET**

2016 MONTH	(1) TRANSFER TO GV LAKE	(2) WELLS TO SYSTEM	(3) BERNINA PLANT	(4) CEDAR GLEN PLANT	(5) COMBINED PLANT	(6) COMBINED PLANT BACKWASH	(7) BERNINA RECYCLE	(8) ROTW CLAWA PURCHASE (a)	(9) BRENTWOOD CLAWA PURCHASE (a)	(10) COMBINED PURCHASE (a)	(11) LAKE DRAW (b)	(12) DELIVERED TO DISTRIBUTION (c)	(13) METERED WATER	(14) STORAGE VOLUME (e)	(15) STORAGE VOLUME CHANGE +/-	(16) 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.50	-27.50	0.00	27.50
<b>2ND QUARTER</b>	<b>0.00</b>	<b>16.95</b>	<b>140.86</b>	<b>0.00</b>	<b>140.86</b>	<b>9.42</b>	<b>7.85</b>	<b>0.00</b>	<b>24.26</b>	<b>24.26</b>	<b>140.86</b>	<b>180.50</b>	<b>134.22</b>	<b>83.93</b>	<b>-28.31</b>	<b>74.59</b>
<b>SEMI-ANNUAL</b>	<b>0.00</b>	<b>20.80</b>	<b>353.64</b>	<b>0.00</b>	<b>353.64</b>	<b>23.84</b>	<b>20.13</b>	<b>0.00</b>	<b>24.26</b>	<b>24.26</b>	<b>353.64</b>	<b>394.99</b>	<b>285.89</b>	<b>165.87</b>	<b>-26.67</b>	<b>135.77</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>20.80</b>	<b>353.64</b>	<b>0.00</b>	<b>353.64</b>	<b>23.84</b>	<b>20.13</b>	<b>0.00</b>	<b>24.26</b>	<b>24.26</b>	<b>353.64</b>	<b>394.99</b>	<b>285.89</b>	<b>165.87</b>	<b>-26.67</b>	<b>135.77</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.

## Kathleen Field - 7117

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**From:** Matt Brooks - 7163  
**Sent:** Thursday, June 02, 2016 8:56 AM  
**To:** Leo Havener - 7102  
**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; Catherine Cerri - 7108; 'Jim Grant'; Ken Nelsen (KNelsen@ala-ca.org)  
**Subject:** May 2016 GV Wells and Recycled Water Monthly Report  
**Attachments:** GV Wells Monthly.xlsx

Hello Everyone,

Attached is the May 2016 Monthly GV Wells Production and Recycled Water delivery report.

- May 2016 Wells to System = 12.08 AF vs May 2015 = 14.76 AF. **(Well #5 was put back online on 5/7/16. We are working towards having well #2 on-line the week of June 13th.)**
- May 2016 ALA Well #8 production = 1,111,151.91 gallons = 3.41 AF = 1485.50 CCF.
- May 2016 Recycled Water delivered = 28.49 AF vs May 2015 = 39.19 AF. **(Recycled water deliveries started on 4/27/16.)**

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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**GRASS VALLEY WELLS MONTHLY DATA  
ACRE FEET**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
2016 MONTH	Well #1 *	Well #2 *	Well #5 *	Well #6 *	ALA Well #8 **	Delivered to Distribution ***	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							
<b>2ND QUARTER</b>	<b>5.04</b>	<b>0.16</b>	<b>3.85</b>	<b>2.84</b>	<b>5.67</b>	<b>16.95</b>	<b>31.54</b>
<b>SEMI-ANNUAL</b>	<b>6.19</b>	<b>1.00</b>	<b>3.86</b>	<b>3.66</b>	<b>6.73</b>	<b>20.80</b>	<b>31.54</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>6.19</b>	<b>1.00</b>	<b>3.86</b>	<b>3.66</b>	<b>6.73</b>	<b>20.80</b>	<b>31.54</b>

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

\*\* Well #8 ALA Agreement

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

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