

Kathleen Field - 7117

From: Matt Brooks - 7163
Sent: Friday, September 02, 2016 11:01 AM
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: August 2016 Monthly Reports
Attachments: Woods + DLP Monthly Reports.xlsx

Hello everyone,

Attached are the August 2016 Monthly Reports.

- In August 2016 (212.13 AF), consumption was up 29.7% compared to August 2015 (163.59 AF). Through the 1st 8 months of 2016 (984.69 AF), consumption was up 15.7% compared to the 1st 8 months of 2015 (850.86 AF). These numbers are based off of column (12) on the Report, and only counts water delivered to the Distribution System.
- August 2016 Lake Draw = 200.86 vs August 2015 = 151.73 AF. Lake Draw 1st 8 months of 2016 = 900.69 vs 1st 8 months of 2015 = 733.40.
- August 2016 Wells to System = 14.98 AF vs August 2015 = 15.53 AF. Wells to System 1st 8 months of 2016 = 66.85 AF vs 1st 8 months of 2015 = 107.47 AF.
- August 2016 total CLAWA purchase = 0 AF. CLAWA purchase 1st 8 months of 2016 = 34.70 AF vs 1st 8 months of 2015 = 37.29 AF.

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

Thank you,
Matt

Matt Brooks

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**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
1ST QUARTER	0.00	3.85	212.78	0.00	212.78	14.42	12.28	0.00	0.00	0.00	212.78	214.49	151.67	81.94	1.64	61.18
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
2ND QUARTER	0.00	32.79	279.52	11.58	291.10	20.42	13.80	0.00	34.70	34.70	291.10	351.97	274.53	83.93	-2.79	80.23
SEMI-ANNUAL	0.00	36.64	492.30	11.58	503.88	34.84	26.08	0.00	34.70	34.70	503.88	566.46	426.20	165.87	-1.15	141.41
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	14.98	200.86	0.00	200.86	12.92	9.21	0.00	0.00	0.00	200.86	212.13	169.71	25.11	2.89	39.53
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	28.00	-28.00	0.00	28.00
3RD QUARTER	0.00	30.21	379.52	17.29	396.81	25.71	16.92	0.00	0.00	0.00	396.81	418.23	330.67	78.63	-25.52	113.08
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
4TH QUARTER	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
ANNUAL TOTAL	0.00	66.85	871.82	28.87	900.69	60.55	43.00	0.00	34.70	34.70	900.69	984.69	756.87	244.50	-26.67	254.49

(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 (a)	(4) METERED WATER	(5) UN-METERED WATER (b)	(6) RIMFOREST CLAWA	(7) METERED WATER	(8) UN-METERED WATER (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
1ST QUARTER	2.90	2.91	5.81	5.12	0.69	10.11	7.98	2.13
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
2ND QUARTER	7.00	1.76	8.76	7.76	1.00	10.79	8.92	1.87
SEMI-ANNUAL	9.90	4.67	14.57	12.88	1.69	20.90	16.90	4.00
JULY	1.80	2.59	4.39	3.91	0.48	4.79	3.36	1.43
AUGUST	1.39	2.97	4.36	3.99	0.37	4.82	3.58	1.24
SEPTEMBER			0.00		0.00			0.00
3RD QUARTER	3.19	5.56	8.75	7.90	0.85	9.61	6.94	2.67
OCTOBER			0.00		0.00			0.00
NOVEMBER			0.00		0.00			0.00
DECEMBER			0.00		0.00			0.00
4TH QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANNUAL TOTAL	13.09	10.23	23.32	20.78	2.54	30.51	23.84	6.67

(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: Friday, September 02, 2016 11:11 AM
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: August 2016 GV Wells and Recycled Water Delivery Report
Attachments: GV Wells Monthly.xlsx

Hello Everyone,

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

- August 2016 Wells to System = 14.98 AF vs August 2015 = 15.53 AF. Wells to System 1st 8 months of 2016 = 66.85 AF vs 1st 8 months of 2015 = 107.47 AF.
- August 2016 ALA Well #8 production = 746,198.79 gallons = 2.29 AF = 997.59 CCF.
- August 2016 Recycled water delivered = 47.77 AF vs August 2015 = 47.12 AF. Recycled water delivered 1st 8 months of 2016 = 178.93 AF vs 1st 8 months of 2015 = 190.48 AF.

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

Thank you,
Matt

Matt Brooks

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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
1ST QUARTER	1.15	0.84	0.01	0.82	1.06	3.85	0.00
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
2ND QUARTER	7.83	4.05	8.16	5.39	8.13	32.79	78.70
SEMI-ANNUAL	8.98	4.89	8.17	6.21	9.19	36.64	78.70
JULY	2.98	3.42	4.07	2.80	2.26	15.23	52.46
AUGUST	2.90	3.16	4.19	2.64	2.29	14.98	47.77
SEPTEMBER							
3RD QUARTER	5.88	6.58	8.26	5.44	4.55	30.21	100.23
OCTOBER							
NOVEMBER							
DECEMBER							
4TH QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANNUAL TOTAL	14.86	11.47	16.43	11.65	13.74	66.85	178.93

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

** Well #8 ALA Agreement

*** Delivered to Distribution from IX Plant effluent meters

**** Reported by GWWWTP Staff