

Kathleen Field - 7117

From: Kathleen Field - 7117
Sent: Monday, July 10, 2017 10:56 AM
To: 'Ralph Wagner'
Subject: Public Records Act Request - Wagner LACSD June 2017 Monthly Water Reports
Attachments: 2017-Jun-05 CPRA Wagner.pdf

Hi Ralph,

Per your request, the LACSD June 2017 Monthly 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

From: Matt Brooks - 7163
Sent: Monday, July 10, 2017 9:41 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; Justin Luck - 7154; Tim McIntire - 7161
Subject: June 2017 Monthly/Semi-Annual Reports
Attachments: Woods + DLP Monthly Reports.xlsx

Hello everyone,

Attached are the June 2017 Monthly/Semi-Annual Reports.

- In June 2017 (179.76 AF), consumption was up 4.7% compared to June 2016 (171.47 AF). Through the 1st 6 months of 2017 consumption is up 8.4% (614.23 AF) compared to the 1st 6 months of 2016 (566.46 AF). These numbers are based off of column (12) on the Report, and only counts water delivered to the Distribution System.
- June 2017 Lake Draw = 163.95 AF vs June 2016 = 150.24 AF. Through the 1st 6 months of 2017 lake withdrawals are down (453.85 AF) compared to the 1st 6 months of 2016 (503.88 AF). This can be attributed to the increased CLAWA purchase and increased well production vs 2016, please see below.
- June 2017 Wells to System = 16.04 AF vs June 2016 = 15.84 AF. Through the 1st 6 months of 2017 "Wells To System" = 79.98 AF compared to the 1st 6 months of 2016 (36.64 AF). In 2016 the District had the groundwater system off for the 1st Q for maintenance and in anticipation for the El Nino that never came.
- June 2017 total CLAWA purchase = 2.46 AF vs June 2016 = 10.44 AF. Through the 1st 6 months of 2017 CLAWA purchase = 91.92 AF compared to the 1st 6 months of 2016 (34.70 AF). This can be attributed to the Bernina Tank re-coating project and the Bernina WTP being off-line for approximately 1.5 months in the beginning of the 2017.

Please contact me if you have any questions or comments regarding these reports.

Thank you,
Matt

Matt Brooks

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Lake Arrowhead Community Services District
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**ARROWHEAD WOODS MONTHLY DATA
ACRE FEET**

2017 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	8.58	0.00	8.76	8.76	0.48	0.00	60.76	0.00	60.76	8.76	77.52	52.64	20.36	2.84	22.14
FEBRUARY	0.00	11.07	21.85	13.02	34.87	3.81	0.73	27.64	0.00	27.64	34.87	70.50	48.04	23.20	4.24	18.22
MARCH	0.00	12.96	63.44	0.00	63.44	5.07	2.90	0.00	0.00	0.00	63.44	74.23	51.23	27.44	0.46	22.54
1ST QUARTER	0.00	32.61	85.29	21.78	107.07	9.36	3.63	88.40	0.00	88.40	107.07	222.35	151.91	71.00	7.54	62.90
APRIL	0.00	12.78	67.70	0.00	67.70	5.00	4.02	0.00	0.00	0.00	67.70	79.50	56.31	27.90	-1.07	24.26
MAY	0.00	18.55	115.13	0.00	115.13	7.71	5.59	0.00	1.06	1.06	115.13	132.62	103.13	26.83	1.04	28.45
JUNE	0.00	16.04	163.95	0.00	163.95	9.89	7.20	0.00	2.46	2.46	163.95	179.76	143.71	27.87	0.51	35.54
2ND QUARTER	0.00	47.37	346.78	0.00	346.78	22.60	16.81	0.00	3.52	3.52	346.78	391.88	303.15	82.60	0.48	88.25
SEMI-ANNUAL	0.00	79.98	432.07	21.78	453.85	31.96	20.44	88.40	3.52	91.92	453.85	614.23	455.06	153.60	8.02	151.15
JULY	0.00				0.00					0.00	0.00	0.00		28.38	-28.38	28.38
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
3RD 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	28.38	-28.38	28.38
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
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	79.98	432.07	21.78	453.85	31.96	20.44	88.40	3.52	91.92	453.85	614.23	455.06	181.98	-20.36	179.53

(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**

2017 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	0.00	1.79	1.79	1.57	0.22	3.72	2.51	1.21
FEBRUARY	0.00	1.69	1.69	1.54	0.15	2.61	2.37	0.24
MARCH	0.00	1.90	1.90	1.91	-0.01	3.11	2.83	0.28
1ST QUARTER	0.00	5.38	5.38	5.02	0.36	9.44	7.71	1.73
APRIL	0.00	2.30	2.30	2.22	0.08	3.62	2.97	0.65
MAY	0.00	2.76	2.76	2.75	0.01	3.76	3.11	0.65
JUNE	0.00	3.97	3.97	3.63	0.34	4.31	3.27	1.04
2ND QUARTER	0.00	9.03	9.03	8.60	0.43	11.69	9.35	2.34
SEMI-ANNUAL	0.00	14.41	14.41	13.62	0.79	21.13	17.06	4.07
JULY			0.00		0.00			0.00
AUGUST			0.00		0.00			0.00
SEPTEMBER			0.00		0.00			0.00
3RD QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	14.41	14.41	13.62	0.79	21.13	17.06	4.07

(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

From: Matt Brooks - 7163
Sent: Monday, July 10, 2017 9:51 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; Kasey Brandenberger - 7120; 'Jim Grant';
Subject: June 2017 GV Wells and Recycled Water Monthly/Semi-Annual Report
Attachments: GV Wells Monthly .xlsx

Hello everyone,

Attached is the June 2017 Monthly/Semi-Annual GV Wells Production and Recycled Water delivery report.

- June 2017 Wells to System = 16.04 AF vs June 2016 = 15.84 AF. Through the 1st 6 months of 2017 "Wells To System" = 79.98 AF vs the 1st 6 months of 2016 = 36.64 AF. In 2016 the District had the groundwater system off for the 1st Q for maintenance and in anticipation for the El Nino that never came.
- June 2017 ALA Well #8 production = 645,185 gallons = 1.98 AF = 862.55 CCF.
- June 2017 Recycled Water Delivered = 49.18 AF vs June 2016 = 47.16AF. Through the 1st 6 months of 2017 Recycled Water Delivered = 86.16 AF vs the 1st 6 months of 2016 = 78.70 AF.

Please contact me if you have any questions or comments regarding this report.

Thank you,
Matt

Matt Brooks

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**GRASS VALLEY WELLS MONTHLY DATA
ACRE FEET**

2017 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	2.01	0.26	2.90	1.81	1.78	8.58	0.00
FEBRUARY	2.46	0.00	4.28	2.35	2.16	11.07	0.00
MARCH	2.94	0.00	5.00	2.84	2.36	12.96	0.00
1ST QUARTER	7.41	0.26	12.18	7.00	6.30	32.61	0.00
APRIL	6.15	0.57	5.96	1.44	1.94	12.78	7.67
MAY	2.80	5.83	5.27	2.93	1.96	18.55	29.31
JUNE	2.78	4.22	4.99	2.30	1.98	16.04	49.18
2ND QUARTER	11.73	10.62	16.22	6.67	5.88	47.37	86.16
SEMI-ANNUAL	19.14	10.88	28.40	13.67	12.18	79.98	86.16
JULY							
AUGUST							
SEPTEMBER							
3RD QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCTOBER							
NOVEMBER							
DECEMBER							
4TH QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANNUAL TOTAL	19.14	10.88	28.40	13.67	12.18	79.98	86.16

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

** Well #8 ALA Agreement

*** Delivered to Distribution from IX Plant effluent meters

**** Reported by GVWWTP Staff