

Kathleen Field - 7117

From: Kathleen Field - 7117
Sent: Tuesday, October 10, 2017 9:12 AM
To: 'Ralph Wagner'
Subject: Public Records Act Request - Wagner LACSD September 2017 Monthly Water Reports
Attachments: LACSD Sept 2017 Monthly Water Reports.pdf

Hi Ralph,

Per your request, the LACSD September 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: Friday, October 06, 2017 2:11 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; Tim McIntire - 7161; Tony Carricaburu - 7139; Matt O'Kelly
Subject: September 2017 Monthly/3rd Q Reports
Attachments: Woods + DLP Monthly Reports.xlsx

Hello everyone,

Attached are the September 2017 Monthly/3rd Quarter Reports.

- In September 2017 (144.73 AF), consumption was down 21.8% when compared to September 2016 (184.96 AF). However, through the 1st 9 months of 2017 (1159.54 AF) consumption is very similar compared to the 1st 9 months of 2016 (1169.65 AF). These numbers are based off of column (12) on the Report, and only counts water delivered to the Distribution System.
- September 2017 Lake Draw = 82.36 AF vs September 2016 = 174.24 AF. Through the 1st 9 months of 2017 (920.54 AF) lake withdrawals are down compared to the 1st 9 months of 2016 (1074.93 AF). This can be attributed to the increased CLAWA purchase and increased well production vs 2016, please see below.
- September 2017 Wells to System = 13.57 AF vs September 2016 = 13.50 AF. Through the 1st 9 months of 2017 "Wells To System" (122.96 AF) is up to the compared to the 1st 9 months of 2016 (80.35 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.
- September 2017 total CLAWA purchase = 54.70 AF vs September 2016 = 0 AF. Through the 1st 9 months of 2017 CLAWA purchase (146.62 AF) is up compared to the 1st 9 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. Bernina is once again off-line as of September 6th due to the North Bay Pump Station Replacement Project, and CLAWA is currently being purchased at a rate of 500 GPM at the CLAWA 2 connection.

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

Thank you,
Matt

Matt Brooks

Operations Manager
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**ARROWHEAD WOODS MONTHLY DATA
ACRE FEET**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
2017 MONTH	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	77.62	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	15.74	162.62	36.11	198.73	13.31	5.63	0.00	0.00	0.00	198.73	206.79	174.02	28.38	-0.05	32.82
AUGUST	0.00	13.67	119.47	66.13	185.60	11.63	6.05	0.00	0.00	0.00	185.60	193.69	166.28	28.33	0.48	26.93
SEPTEMBER	0.00	13.57	20.99	61.37	82.36	7.22	1.32	13.14	41.56	54.70	82.36	144.73	123.03	28.81	-3.00	24.70
3RD QUARTER	0.00	42.98	303.08	163.61	466.69	32.16	13.00	13.14	41.56	54.70	466.69	545.21	463.33	85.52	-2.57	84.45
OCTOBER	0.00				0.00					0.00	0.00	0.00		25.81	-25.81	25.81
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
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	25.81	-25.81	25.81
ANNUAL TOTAL	0.00	122.96	735.15	185.39	920.54	64.12	33.44	101.54	45.08	146.62	920.54	1159.44	918.39	264.93	-20.36	261.41

(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

	(1)	(2)	(3)	(4)	(5)		(6)	(7)	(8)
2017 MONTH	DLP WELLS	DLP CLAWA	DLP TOTAL (a)	METERED WATER	UN-METERED WATER (b)		RIMFOREST CLAWA	METERED WATER	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	4.49	4.49	4.26	0.23		3.60	3.49	0.11
AUGUST	0.16	3.85	4.01	3.89	0.12		3.48	3.44	0.04
SEPTEMBER	0.79	2.89	3.68	3.04	0.64		3.76	2.99	0.77
3RD QUARTER	0.95	11.23	12.18	11.19	0.99		10.84	9.92	0.92
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	0.95	25.64	26.59	24.81	1.78		31.97	26.98	4.99

(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: Friday, October 06, 2017 2:21 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; Kasey Brandenberger - 7120; cmassey@lakearrowheadcc.com
Subject: September 2017 GV Wells and Recycled Water Monthly/3rd Q Report
Attachments: GV Wells Monthly .xlsx

Hello everyone,

Attached is the September 2017 Monthly/3rd Quarter GV Wells Production and Recycled Water delivery report.

- September 2017 Wells to System = 13.57 AF vs September 2016 = 13.50 AF. Through the 1st 9 months of 2017 "Wells To System" (122.96 AF) is up compared to the 1st 9 months of 2016 (80.35 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.
- September 2017 ALA Well #8 production = 563,722 gallons = 1.73 AF = 753.64 CCF.
- September 2017 Recycled Water Delivered = 20.01 AF vs September 2016 = 37.78 AF. Through the 1st 9 months of 2017 Recycled Water Delivered = 194.94 AF vs the 1st 9 months of 2016 = 216.71 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**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
2017							
MONTH	Well #1 *	Well #2 *	Well #5 *	Well #6 *	ALA Well #8 **	Delivered to Distribution ***	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	2.93	3.71	5.02	2.33	1.94	15.74	51.12
AUGUST	2.18	3.34	4.41	2.05	1.87	13.67	37.65
SEPTEMBER	2.62	3.01	4.33	2.03	1.73	13.57	20.01
3RD QUARTER	7.73	10.06	13.76	6.41	5.54	42.98	108.78
OCTOBER							
NOVEMBER							
DECEMBER							
4TH QUARTER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ANNUAL TOTAL	26.87	20.94	42.16	20.08	17.72	122.96	194.94

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

** Well #8 ALA Agreement

*** Delivered to Distribution from IX Plant effluent meters

**** Reported by GVWWTP Staff