

Kathleen Field - 7117

From: Kathleen Field - 7117
Sent: Thursday, January 05, 2017 12:59 PM
To: Ralph Wagner
Subject: Public Records Act Request - Wagner LACSD December 2016 Monthly Water Reports
Attachments: LACSD Nov 2016 Monthly Water Reports.pdf

Hi Ralph,

Per your request, the LACSD December 2016 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: Thursday, January 05, 2017 11:24 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: December 2016 Monthly/Annual Reports
Attachments: Woods + DLP Monthly Reports.xlsx

Hello everyone,

Attached are the December 2016 Monthly/Annual Reports.

- December 2016 (72.59 AF), consumption was down 5.5% compared to December 2015 (76.59 AF). 2016 total consumption (1,429.87 AF) was up 15.5% compared to total consumption in 2015 (1,237.63 AF), and is a difference of 192.24 AF. This increase in consumption can be attributed to the State lifting the mandate of only allowing two irrigation days per week in 2016 (The District allowed three irrigation days in 2016). These numbers are based off of column (12) on the Report, and only counts water *delivered* to the distribution system.
- 2016 Lake withdrawal total = 1,155.91 AF vs 2015 total = 1,078.21. The 2016 withdrawal of 1,155.91 AF represents only 73.8% of the allowable 1566 AF withdrawal limit per the 2006 State Board Order WR 2006-0001.
- 2016 Wells to System = 116.29 AF vs 2015 = 155.57 AF.
- 2016 CLAWA purchase = 182.18 AF vs 2015 = 37.29 AF.

If you have any questions regarding these reports please feel free to contact me.

Thank you and Happy New Year to all!

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 CHANGE +/-	(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	13.50	174.24	0.00	174.24	11.33	8.55	0.00	0.00	0.00	174.24	184.96	150.07	28.00	0.04	34.85
3RD QUARTER	0.00	43.71	553.76	17.29	571.05	37.04	25.47	0.00	0.00	0.00	571.05	603.19	480.74	78.63	2.52	119.93
OCTOBER	0.00	6.78	71.13	9.85	80.98	8.12	3.94	36.30	0.00	36.30	80.98	119.88	100.38	28.04	-5.13	24.63
NOVEMBER	0.00	15.06	0.00	0.00	0.00	0.00	0.00	52.69	0.00	52.69	0.00	67.75	59.95	22.91	-1.10	8.90
DECEMBER	0.00	14.10	0.00	0.00	0.00	0.00	0.00	58.49	0.00	58.49	0.00	72.59	63.57	21.81	-1.45	10.47
4TH QUARTER	0.00	35.94	71.13	9.85	80.98	8.12	3.94	147.48	0.00	147.48	80.98	260.22	223.90	72.76	-7.68	44.00
ANNUAL TOTAL	0.00	116.29	1117.19	38.72	1155.91	80.00	55.49	147.48	34.70	182.18	1155.91	1429.87	1130.84	317.26	-6.31	305.34

(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	1.16	2.48	3.64	3.47	0.17	4.03	3.37	0.66
3RD QUARTER	4.35	8.04	12.39	11.37	1.02	13.64	10.31	3.33
OCTOBER	0.86	2.23	3.09	2.76	0.33	3.52	2.82	0.70
NOVEMBER	0.39	1.44	1.83	1.97	-0.14	2.83	2.64	0.19
DECEMBER	0.00	2.10	2.10	1.91	0.19	3.18	2.86	0.32
4TH QUARTER	1.25	5.77	7.02	6.64	0.38	9.53	8.32	1.21
ANNUAL TOTAL	15.50	18.48	33.98	30.89	3.09	44.07	35.53	8.54

(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: Thursday, January 05, 2017 11:30 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'; Ken Nelsen (KNelsen@ala-ca.org)
Subject: December 2016 GV Wells and Recycled Water Monthly/Annual Report
Attachments: GV Wells Monthly.xlsx

Hello everyone,

Attached is the December 2016 Monthly/Annual GV Wells Production and Recycled Water delivery report.

- 2016 Wells to System = 116.29 AF vs 2015 = 155.57 AF.
- December 2016 ALA Well #8 production = 736,423 gallons = 2.26 AF = 984.52 CCF.
- 2016 Recycled Water delivered = 229.65 AF vs 2015 = 219.14 AF. **Recycled water deliveries to LACC ended on 11/18/16.**

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

Thank you and Happy New Year to all!

Matt

Matt Brooks

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Lake Arrowhead Community Services District
P.O. Box 700 Lake Arrowhead CA 92352
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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	2.45	1.85	4.43	2.77	2.20	13.50	37.78
3RD QUARTER	8.33	8.43	12.69	8.21	6.75	43.71	138.01
OCTOBER	1.26	1.28	2.21	1.38	1.15	6.78	12.73
NOVEMBER	2.75	3.09	4.29	2.65	2.45	15.06	0.21
DECEMBER	2.49	3.04	4.11	2.41	2.26	14.10	0.00
4TH QUARTER	6.50	7.41	10.61	6.44	5.86	35.94	12.94
ANNUAL TOTAL	23.81	20.73	31.47	20.86	21.80	116.29	229.65

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

** Well #8 ALA Agreement

*** Delivered to Distribution from IX Plant effluent meters

**** Reported by GVVWTP Staff