



**BUCKINGHAM PARK WATER DISTRICT**  
2880 Eastlake Drive, Kelseyville, CA 95451

**AGENDA**

**MEETING OF THE BOARD**

Monday September 27<sup>th</sup>, 2021 at 5:00 p.m.

**Held via teleconference**

**Due to COVID-19**

**The public may attend via teleconference by calling (425) 436-6362  
and use Access code: 807718#**

**REQUEST FOR DISABILITY RELATED MODIFICATION OR ACCOMMODATION:** *A request for a disability-related modification or accommodation which is necessary to participate in the Board of Directors meeting should be made in writing to the Secretary to the Board at least 48 hours prior to the meeting.*

**1.0 CALL TO ORDER:**

Time: \_\_\_\_\_ / Location: Teleconference / Buckingham Park Water District's Business Office at 2874 Eastlake Drive, Kelseyville, CA 95451

**2.0 ROLL CALL OF BOARD MEMBERS:**

President, Mark Boyle	[ ]	Vice President, Ken Agarwal	[ ]	Director, Shannon Maurer	[ ]
Director, Lisa Vartabedian	[ ]	Director, Thomas Brandon	[ ]		

**3.0 PUBLIC INPUT:**

NON-AGENDA ITEMS – Members of the Public may address the Board for a maximum of 3 minutes on subject matter, which falls within the jurisdiction of the Board.

**4.0 CONSENT AGENDA:**

*(A Board Member may move any item from the Consent Agenda to the Action / Discussion Items should action need to be taken.)*

4.1 Approval of September 27<sup>th</sup>, 2021 Agenda

4.2 Approval of August 23<sup>rd</sup>, 2021 Minutes

**5.0 APPEALS:**

NONE

**6.0 ACTION / DISCUSSION ITEMS:**

6.1 APPROVE / DISAPPROVE  
Managements Report August 2021

6.2 DISCUSSION  
Update on Emergency Intake Project

6.3 APPROVE / DISAPPROVE  
Nate's Electric, Inc Invoice #20384 in the amount of \$13,900 to come out of CIP fund



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**7.0 NEW BUSINESS:**

- 7.1 DISCUSSION  
AB 361 – Brown Act: Remote Meetings during a State of Emergency
- 7.2 APPROVE / DISAPPROVE  
RESOLUTION No. 21-09-01
- 7.3 DISCUSSION  
Badger Meter AMA WORION Network

7.4 Consideration of items not appearing on the posted agenda:

*Consideration of items not appearing on the posted agenda, if necessary, requires the following Board action prior to consideration: 1) A determination by a majority of the Board that an emergency situation exists (as defined in section 54956.9 of the Brown Act); or 2) A determination by a two-thirds vote of the legislative body or, if less than two-thirds of the members that are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the District subsequent to the agenda being posted.*

**8.0 ADJOURNMENT:**

Motion to adjourn: \_\_\_\_\_ Time: \_\_\_\_\_

Respectfully Submitted by:

Ahimsah Wonderwheel – General Manager / Interim Secretary to the Board





## **BUCKINGHAM PARK WATER DISTRICT**

2880 Eastlake Drive, Kelseyville, CA 95451

### **OFFICIAL MEETING MINUTES**

#### **MEETING OF THE BOARD**

Monday August 23<sup>rd</sup>, 2021 at 5:00 p.m.;

Held via teleconference

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#### **1.0 CALL TO ORDER:**

Board President Mark Boyle called the meeting to order at 5:03pm

#### **2.0 ROLL CALL OF BOARD MEMBERS:**

Present: President Mark Boyle, Vice President Ken Agarwal, Director Shannon Maurer, Director Thomas Brandon

Absent: Director Lisa Vartabedian

#### **3.0 PUBLIC INPUT:**

NON-AGENDA ITEMS – Members of the Public may address the Board for a maximum of 3 minutes on subject matter, which falls within the jurisdiction of the Board.

None

#### **4.0 CONSENT AGENDA:**

*(A Board Member may move any item from the Consent Agenda to the Action / Discussion Items should action need to be taken.)*

4.1 Approval of August 23<sup>rd</sup>, 2021 Agenda

4.2 Approval of July 26<sup>th</sup>, 2021 Meeting Minutes

The August 23<sup>rd</sup>, 2021 Agenda, the July 26<sup>th</sup>, 2021 Minutes and were approved by the following vote:

Ayes: Maurer, Agarwal and Boyle

Noes: None

Abstentions: None

Absent: Vartabedian, Brandon

#### **5.0 APPEALS:**

5.1 Appeal #1 – High Water Usage / Bill

The Appeal #1 High Water Usage / Bill was denied by the following vote:

Ayes: Agarwal, Maurer, and Boyle

Noes: None

Abstentions: None

Absent: Vartabedian, Brandon



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**OFFICIAL MEETING MINUTES**

**MEETING OF THE BOARD**

Monday August 23<sup>rd</sup>, 2021 at 5:00 p.m.;

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**6.0 ACTION / DISCUSSION ITEMS:**

6.1 APPROVE / DISAPPROVE MANAGEMENT'S REPORT:

- a) July 2021

The Managements Report for July 2021 was approved by the following vote:

**Ayes:** Brandon, Maurer, Agarwal, and Boyle

**Noes:** None

**Abstentions:** None

**Absent:** Vartabedian

6.2 APPROVE / DISAPPROVE

Adopt updated Policy No. 2565 on Jury Duty

The Adopted Policy No. 2565 was approved by the following vote:

**Ayes:** Maurer, Brandon, Agarwal, and Boyle

**Noes:** None

**Abstentions:** None

**Absent:** Vartabedian

6.3 APPROVE / DISAPPROVE

Adopt Policy No. 3016 on Mask Policy

The Adopted Policy No. 3016 was approved by the following vote:

**Ayes:** Brandon, Maurer, Agarwal, and Boyle

**Noes:** None

**Abstentions:** None

**Absent:** Vartabedian

6.5 DISCUSSION

Update on Emergency Intake Project

The General Manager updated the Board on the progress of the Emergency Intake; the Project is 97% complete, just waiting on the stainless steel lever that was delayed and should be here by next week. President Boyle asked to contact our alarm company to see if there is any way to have a siren put on the Emergency Intake.



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**OFFICIAL MEETING MINUTES**

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**7.0 NEW BUSINESS:**

- 7.1 Approve / Disapprove – Estimate for retaining wall concrete repair

The estimate for the retaining wall concrete repair was approved by the following vote:

**Ayes:** Brandon, Maurer, Agarwal, and Boyle

**Noes:** None

**Abstentions:** None

**Absent:** Vartabedian

- 7.2 Approve / Disapprove – Purchase of Turbidimeter from Swan Analytical to come out of CIP Reserves

The Purchase of Turbidimeter from Swan Analytical to come out of CIP Reserves was approved by the following vote:

**Ayes:** Agarwal, Brandon, Maurer and Boyle

**Noes:** None

**Abstentions:** None

**Absent:** Vartabedian

- 7.3 Approve / Disapprove – Purchase of portable Turbidimeter from Hach to come out of CIP Reserves

The Purchase of portable Turbidimeter from Hach to come out of CIP Reserves was approved by the following vote:

**Ayes:** Brandon, Agarwal, Maurer and Boyle

**Noes:** None

**Abstentions:** None

**Absent:** Vartabedian

- 7.4 Consideration of items not appearing on the posted agenda:

*Consideration of items not appearing on the posted agenda, if necessary, requires the following Board action prior to consideration: 1) A determination by a majority of the Board that an emergency situation exists (as defined in section 54956.9 of the Brown Act); or 2) A determination by a two-thirds vote of the legislative body or, if less than two-thirds of the members that are present, a unanimous vote of those members present, that there is a need to take immediate action and that the need for action came to the attention of the District subsequent to the agenda being posted.*

**None**

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**ADJOURNMENT:**

Director Maurer made a motion to adjourn the public board meeting at 5:34 p.m. The motion carried by the following vote:

**Ayes:** Brandon, Agarwal, and Boyle

**Noes:** None

**Abstentions:** None

**Absent:** Vartabedian

Respectfully Submitted by:

(Seal)

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Lori Gonzalez - Office Manager / Secretary to the Board



# MANAGEMENT'S REPORT TO THE BOARD

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AUGUST

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▪  
2021

2880 EASTLAKE DRIVE  
KELSEYVILLE, CA. 95451

# WATER TREATMENT & DISTRIBUTION REPORT

## WATER QUALITY ANALYSIS & SAMPLES

There were no water analysis samples that were out of normal range.

There were no water quality complaints during the month of August. (Water quality complaints are taken very seriously and are responded to within 24 hours.)

## WATER USAGE OVERVIEW

**Excessive Consumption:** Top 10 customer usage was 25.74% of total usage. There were three (3) customer that reported a leak in the month of August out of the top ten users.

Unaccountable Water Loss in August, 2021 was 5.18% (Down 6.45% from July)

## Monthly Consumption Tracking for August 2021:

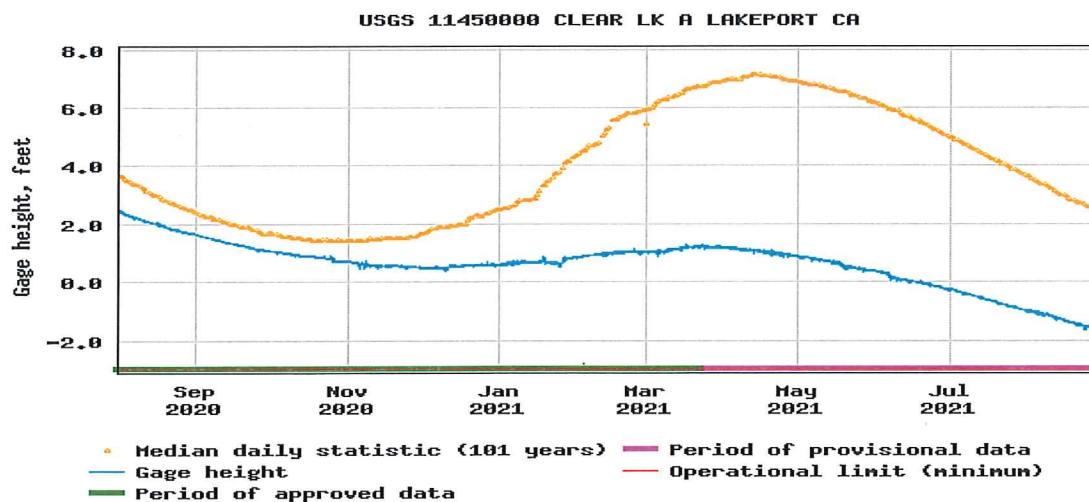
August this year: 518,154 cf

Five Year Rolling Average: 581,960 cf

Usage decreased by 3.65% from July

## CLEARLAKE RUMSEY LEVEL UPDATE

There are two decrees in place that regulate the release of water from Clearlake to Yolo County. In the winter months the Gopcevic Decree (1920) regulates winter water levels by setting a lake level below which water may not be released and above which water must be released to reduce flooding (0 - 7.56 feet Rumsey, with exceptions). According to the Solano decree (1978 the "full lake" Rumsey level is 7.56'. "If the lake level equals or exceeds 7.56 feet Rumsey on April 1, Yolo County may withdraw 150,000 acre-feet. If the lake level is below 3.22 feet Rumsey on April 1, then no water may be released by Yolo County. Additionally, Yolo County cannot take its full allotment at once and no water can be taken after Oct 31."





# FINANCIAL REPORT

## Internal Control Failures:

There was no (0) internal control failures in the month of August.

## Installment Plan Defaults:

None.

## New Customers:

There was five (5) property transfers in the month of August.

## Balance Sheet Highlights as of August , 2021:

▪ Assets Checking / Savings           \$1,136,676.85

▪ **Restricted Reserve Fund Balances**

**-Emergency Reserve                   \$128,053.25**

*The District's Emergency Reserve Account is intended to provide funds for disasters or unexpected expenditures for catastrophic failures. The Emergency Reserve Account is not intended to fund the District's normal operations and may only be used in the case of an unanticipated emergency that threatens the District's ability to provide an adequate supply of safe drinking water to the District's customers.*

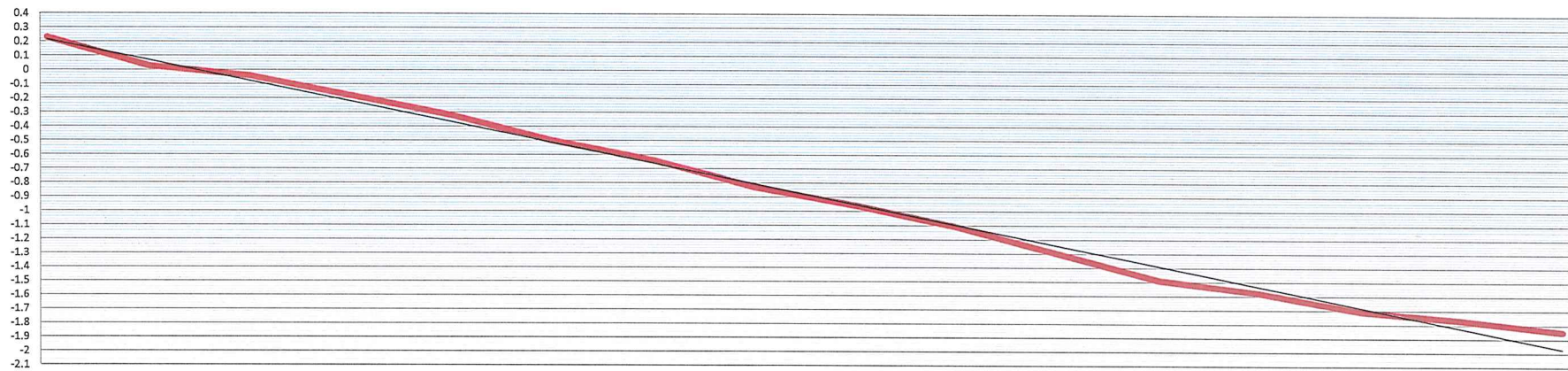
**-Compliance Project Reserve**

USDA Short Lived Asset Reserve	\$ 19,150.00
USDA Debt Service / Loan	\$ 45,113.00
SRF Debt Service / Loan	\$ 6,600.00
Compliance Project Reserve Other	<u>\$424,489.83</u>
<b>Total Compliance Project Reserve</b>	<b>\$495,352.83</b>

*Fees collected under this category shall be expended as follows:*

- a.) Acquisition of new equipment or capabilities that do not currently exist within the District
- b.) To replace or upgrade existing equipment or capabilities which has exceeded its useful life and is no longer economically feasible to repair
- c.) To acquire new production, storage or distribution capacity that is required to provide service to the District's service area
- d.) Debt reduction

CLEARLAKE RUMSEY LEVEL



	6/7/2021	6/14/2021	6/21/2021	6/28/2021	7/5/2021	7/12/2021	7/19/2021	7/26/2021	8/2/2021	8/9/2021	8/16/2021	8/23/2021	8/30/2021	9/6/2021	9/13/2021	9/20/2021
y Level	0.23	0.03	-0.04	-0.18	-0.32	-0.5	-0.64	-0.83	-0.96	-1.11	-1.3	-1.49	-1.58	-1.71	-1.77	-1.85

Actual																			
0.23	0.03	-0.04	-0.18	-0.32	-0.5	-0.64	-0.83	-0.96	-1.11	-1.3	-1.49	-1.58	-1.71	-1.77	-1.85	-2.09981	-2.24334199	-2.38687446	-2.53040693
6/7/2021	6/14/2021	6/21/2021	6/28/2021	7/5/2021	7/12/2021	7/19/2021	7/26/2021	8/2/2021	8/9/2021	8/16/2021	8/23/2021	8/30/2021	9/6/2021	9/13/2021	9/20/2021	9/27/2021	10/4/2021	10/11/2021	10/18/2021

**Buckingham Park Water District - Treatment Plant  
Monthly Report Summary - SN 1710011**

Monthly Report Date: **August-21**                      Number of Active Connections: **455**

Daily System Demand (gallons) & Demand per Connection (gallons/connection) <sup>1</sup>						
Day 1, (Sun)	183,435 (403)	Day 11, (Wed)	156,558 (344)	Day 21, (Sat)	150,367 (330)	Maximum Daily Distribution Demand: 183,435 gallons Occurred on: 8/1/2021
Day 2, (Mon)	159,413 (350)	Day 12, (Thu)	157,006 (345)	Day 22, (Sun)	146,701 (322)	
Day 3, (Tue)	137,074 (301)	Day 13, (Fri)	136,658 (300)	Day 23, (Mon)	155,039 (341)	
Day 4, (Wed)	156,588 (344)	Day 14, (Sat)	143,061 (314)	Day 24, (Tue)	127,374 (280)	
Day 5, (Thu)	152,084 (334)	Day 15, (Sun)	146,906 (323)	Day 25, (Wed)	129,746 (285)	
Day 6, (Fri)	170,484 (375)	Day 16, (Mon)	149,920 (329)	Day 26, (Thu)	141,360 (311)	
Day 7, (Sat)	162,654 (357)	Day 17, (Tue)	147,679 (325)	Day 27, (Fri)	140,591 (309)	
Day 8, (Sun)	154,214 (339)	Day 18, (Wed)	140,885 (310)	Day 28, (Sat)	144,840 (318)	
Day 9, (Mon)	157,093 (345)	Day 19, (Thu)	132,549 (291)	Day 29, (Sun)	130,859 (288)	
Day 10, (Tue)	157,893 (347)	Day 20, (Fri)	146,446 (322)	Day 30, (Mon)	139,205 (306)	
				Day 31, (Tue)	127,814 (281)	Monthly Demand per Conn.: 10,071 gal/conn
						Avg Daily Demand per Conn.: 325 gal/conn

Total Operational Hours of Source Water Pump:	531.2 hours (22.1 days)
Total Operational Hours of Recycled Water Pump:	56.4 hours (2.4 days)
Total Operational Hours of Filter Plant:	530.7 hours (22.1 days)
Total Operational Hours of Clearwell Pumps:	376.0 hours (15.7 days)
Average Combined Filter Flow:	172 gpm (0.248 MGD)
Average Clearwell Flow:	203 gpm (0.292 MGD)
Total Quantity of Source Water Pumped:	5,851,801 gal (17.959 acre-ft)
Total Quantity of Recycled Water Pumped:	33,656 gal (0.103 acre-ft)
Total Quantity of Source + Recycled Water Pumped:	5,885,457 gal (18.062 acre-ft)
Total Quantity of Water Filtered (sum of individual flow meters):	5,434,419 gal (16.678 acre-ft)
Total Quantity of Water Pumped from Clearwell into Distribution System:	4,580,089 gal (14.056 acre-ft)
Net Distribution Demand:	4,582,499 gal (14.063 acre-ft)
Total Quantity of Filter Surface Wash (water from distribution system):	24,760 gal (0.076 acre-ft)
Total Quantity of Filter Backwash (64 Total Backwashes), (water from Clearwell):	274,485 gal (0.842 acre-ft)
Total Quantity of Filter-to-Waste:	51,515 gal (0.158 acre-ft)
Total Quantity of Water Discharged to Backwash Sludge Pond:	350,760 gal (1.076 acre-ft)
Net Quantity of Compliance Water Filtered: <sup>2</sup>	5,135,174 gal (15.759 acre-ft)
Percent Recovery Rate: <sup>2,3</sup>	94.5 %

Multi-Media Filter #	Filter Operations (hours)	Filter Production (Gallons)	Surface Wash (Gallons)	Filter Backwash (Gallons)	Filter-to-Waste (Gallons)	Discharge Vol to Sludge Pond (Gallons)
Filter 1	518	2,713,926	12,689	142,485	25,747	180,921
Filter 2	518	2,720,493	12,071	132,000	25,768	169,839
<b>Sum:</b>	<b>1,036</b>	<b>5,434,419</b>	<b>24,760</b>	<b>274,485</b>	<b>51,515</b>	<b>350,760</b>

**Chemical Dosage, mg/L**

Percentile Daily Data	Disinfection Pre-Chlorine NaOCl	Coagulant Polymer Blend 9800	Other	Fillter Aid Pro Pac 9890	Disinfection Chlorine NaOCl
5 th =	2.2	30.2	-	5.8	3.7
50 th =	2.5	31.5	-	5.9	4.3
95 th =	3.9	32.3	-	6.1	7.1

Percentile 15 minute Data	Clearwell Flow (gpm)	Temperature °C	Clearwell pH	Clearwell Cl <sub>2</sub> Residual (mg/L)	Microcystin-LR Log (%) Reduction	Giardia cyst Log Inactivation
Min =	40	23.3	7.50	0.71	1.5 (97.13%)	4.5
5 th =	196	24.5	7.54	1.12	-	5.8
50 th =	205	26.2	7.73	1.39	2.8 (99.85%)	7.9
95 th =	211	27.6	7.81	1.67	-	9.1
Max =	1,160	28.4	7.90	2.06	3.5 (99.97%)	9.6
# of Samples	1,511	1,511	1,511	1,449	31	1329

Percentile 15 min Data	Source NTU	Recyced NTU	Settled NTU	CFE NTU	Filter 1 NTU	Filter 2 NTU
Min =	2.0	1.14	0.11	0.018	0.028	0.044
50 th =	4.6	2.00	0.73	0.030	0.065	0.066
95 th =	9.4	5.04	1.68	0.053	0.103	0.105
Max =	35.3	6.48	4.95	0.249	0.231	0.242
# of Samples	2,120	31	2,120	2,104	2,072	2,072

Note: All turbidity results are based on 15 minute recordings.  
All production data and hours operated are based on 1 minute recordings.  
1. The demand per connection is based on daily net storage usage + daily amount of water pumped into distribution system - water used surface wash.  
2. Based on filter production recorded from individual flow meters minus quantity of water used for filter backwash & surface wash.  
3. Percent recovery rate is the ratio between the net and total quantity of water filtered.

Notes:

Print Name: **ALAN MITCHELL**

Signature: *Alan Mitchell*

Date: **9-3-21**

**MONTHLY SUMMARY OF MONITORING  
FOR SURFACE WATER TREATMENT REGULATIONS**

System Name: Buckingham Park Water District - Treatment Plant

System Number: 1710011

Plant Type: Conventional Treatment - 2 Multi-Media Vertical Pressure Filters

Month/Year: August-21

Date	Plant Operations & Pre-Filtered Water Turbidities (NTU) <sup>1</sup>					Combined Treated Water NTU Every Four Hours <sup>2</sup>						CFE Daily Filtered Turbidity, Range, (50th, 95th) <sup>1</sup>
	Plant Run Time, Hr.	CFE Flow (gpm) (5, 50, 95th)	Recycled Water Turbidity <sup>3</sup>	Source Water Turbidity (5, 50, 95th)	Settled Water Turbidity (5, 50, 95th)	Midnight	4:00 AM	8:00 AM	Noon	4:00 PM	8:00 PM	
Sun-1	18.3	174, 179, 181	2.2	4.3, 5.1, 9.4	0.56, 0.86, 1.54	-	-	0.032	0.029	0.028	0.031	0.026 - 0.084, (0.031, 0.039)
Mon-2	17.8	172, 178, 180	6.5	6.6, 7.8, 10.7	0.95, 1.36, 1.74	0.030	0.035	0.035	0.032	-	-	0.029 - 0.075, (0.033, 0.050)
Tue-3	17.0	169, 175, 180	5.2	5.7, 7.4, 8.9	1.04, 1.40, 1.78	0.036	0.035	0.035	0.033	0.058	0.047	0.030 - 0.097, (0.036, 0.065)
Wed-4	16.8	167, 177, 181	3.4	4.4, 5.2, 6.9	0.64, 0.89, 1.59	-	0.041	0.034	-	0.037	0.037	0.031 - 0.189, (0.037, 0.050)
Thu-5	17.5	166, 177, 180	2.8	4.4, 5.4, 7.7	0.22, 0.72, 1.02	0.066	-	0.029	-	0.029	0.028	0.024 - 0.137, (0.029, 0.038)
Fri-6	19.0	170, 176, 180	1.9	3.8, 4.9, 5.9	0.23, 0.55, 0.87	0.025	0.026	0.024	0.030	0.030	-	0.024 - 0.068, (0.029, 0.057)
Sat-7	18.5	168, 176, 180	1.7	3.2, 4.2, 7.2	0.61, 0.74, 1.00	0.030	0.029	0.030	0.029	0.063	0.028	0.027 - 0.071, (0.030, 0.054)
Sun-8	17.5	170, 178, 180	2.1	2.9, 3.3, 3.8	0.14, 0.26, 0.89	0.029	0.027	0.024	-	0.023	-	0.020 - 0.048, (0.025, 0.036)
Mon-9	16.8	167, 178, 180	1.9	2.2, 2.8, 3.9	0.15, 0.40, 0.71	0.020	0.030	0.020	0.020	-	0.036	0.019 - 0.054, (0.021, 0.044)
Tue-10	18.3	170, 176, 180	1.9	2.1, 10.7, 16.2	0.78, 1.19, 1.85	-	0.029	0.029	0.036	0.039	0.063	0.026 - 0.103, (0.036, 0.048)
Wed-11	18.0	167, 174, 179	2.8	3.3, 4.8, 9.4	0.85, 1.09, 1.86	0.045	0.045	0.039	0.035	-	0.034	0.030 - 0.112, (0.039, 0.054)
Thu-12	17.5	170, 176, 180	4.9	3.4, 4.1, 7.3	0.61, 0.82, 1.20	-	0.036	0.030	0.028	0.024	0.024	0.024 - 0.063, (0.028, 0.038)
Fri-13	15.5	171, 175, 180	4.2	3.5, 4.8, 6.3	0.55, 0.90, 1.13	-	0.027	0.035	0.031	-	0.033	0.024 - 0.083, (0.029, 0.035)
Sat-14	16.5	169, 175, 180	1.9	3.8, 4.7, 6.0	0.57, 0.67, 1.12	0.032	-	0.030	0.030	-	0.034	0.026 - 0.087, (0.030, 0.044)
Sun-15	16.3	171, 176, 180	1.4	3.5, 3.9, 5.4	0.38, 0.54, 0.88	-	0.028	0.025	0.026	-	0.026	0.025 - 0.057, (0.027, 0.043)
Mon-16	17.8	170, 176, 180	1.3	3.4, 4.2, 7.3	0.41, 0.55, 0.82	-	0.024	0.024	0.023	0.046	-	0.023 - 0.070, (0.025, 0.052)
Tue-17	16.3	170, 175, 180	1.6	4.6, 5.3, 6.5	0.55, 0.65, 0.96	0.034	-	0.029	0.030	0.028	-	0.027 - 0.076, (0.031, 0.061)
Wed-18	17.3	169, 174, 178	1.8	4.2, 6.0, 9.0	0.61, 0.80, 1.19	0.031	0.046	0.030	-	0.031	-	0.029 - 0.079, (0.031, 0.045)
Thu-19	16.5	167, 173, 178	2.2	4.6, 7.7, 9.9	0.84, 1.30, 1.80	0.032	-	0.032	0.033	-	0.033	0.031 - 0.076, (0.034, 0.045)
Fri-20	17.0	163, 171, 177	3.3	5.6, 7.6, 12.3	1.41, 1.73, 3.03	-	-	0.044	0.046	0.049	0.043	0.034 - 0.125, (0.043, 0.088)
Sat-21	17.5	167, 171, 176	3.0	4.9, 5.7, 7.3	0.92, 1.15, 1.78	0.047	-	0.035	0.033	0.039	-	0.031 - 0.103, (0.037, 0.069)
Sun-22	17.8	166, 173, 176	2.0	3.2, 4.3, 5.7	0.60, 0.85, 1.16	0.033	-	0.034	0.031	-	-	0.029 - 0.080, (0.032, 0.050)
Mon-23	18.0	136, 171, 177	1.6	3.4, 4.4, 5.4	0.47, 0.77, 1.06	0.031	0.034	0.026	0.030	-	0.025	0.023 - 0.052, (0.026, 0.033)
Tue-24	15.0	148, 172, 175	1.3	2.9, 3.4, 4.2	0.34, 0.61, 0.91	-	0.024	0.022	0.021	0.051	-	0.020 - 0.051, (0.022, 0.027)
Wed-25	16.8	168, 172, 176	2.8	2.9, 3.4, 5.0	0.32, 0.50, 0.79	-	-	0.021	0.027	0.041	-	0.018 - 0.129, (0.025, 0.067)
Thu-26	16.3	167, 174, 180	2.2	3.9, 4.6, 5.5	0.38, 0.51, 1.05	0.073	-	0.028	0.025	-	0.025	0.022 - 0.249, (0.026, 0.085)
Fri-27	16.8	160, 167, 172	1.6	3.0, 3.5, 4.4	0.27, 0.44, 0.57	0.027	0.025	0.024	0.026	-	0.023	0.022 - 0.060, (0.024, 0.034)
Sat-28	17.8	165, 176, 181	1.1	2.7, 3.3, 4.7	0.34, 0.49, 0.69	-	0.024	0.020	0.023	0.025	0.026	0.019 - 0.050, (0.024, 0.031)
Sun-29	15.0	178, 180, 181	1.3	2.9, 3.4, 4.3	0.31, 0.52, 0.72	-	0.028	0.027	-	-	-	0.025 - 0.060, (0.028, 0.042)
Mon-30	15.0	179, 180, 181	1.6	3.1, 3.7, 4.2	0.42, 0.52, 0.83	0.028	-	0.027	0.030	-	0.033	0.023 - 0.066, (0.030, 0.040)
Tue-31	14.5	178, 180, 181	2.0	2.5, 3.1, 4.0	0.34, 0.47, 0.93	-	-	0.029	-	0.042	-	0.026 - 0.078, (0.030, 0.040)
Min:	14.5	36	1.1	2.0	0.11	0.020	0.024	0.020	0.020	0.023	0.023	0.018
Avg:	17.0	172	2.4	5.1	0.83	0.036	0.031	0.029	0.029	0.038	0.033	0.033
Max:	19.0	189	6.5	35.3	4.95	0.073	0.046	0.044	0.046	0.063	0.063	0.249

- Reported values are based on 15 minute recorded data.
- Reported values are based on discrete recorded data at 4 hour intervals.
- Reported values are based on daily grab sampling.

**# of Filter Backwashes:**

Filter 1: 32  
Filter 2: 32

Number of readings <= 0.3 NTU: **130**  
 % Readings <= 0.3 NTU: **100.0%**  
 Average Effluent NTU: **0.032**  
 Meets Standard (i.e. at least 95% of readings are <= 0.3 NTU) (Y/N)? **Yes**  
 Avg % reduction during the month = [(Avg Raw NTU - Avg Effl NTU)/(Avg Raw NTU)] x 100% : **99.4%**  
 Meets Standard (i.e. Reduction is greater than 80%) (Y/N)? **Yes**

	4 hr	15 min
Number of readings <= 0.3 NTU:	130	2,104
% Readings <= 0.3 NTU:	100.0%	100.0%
Average Effluent NTU:	0.032	0.033
Meets Standard (i.e. at least 95% of readings are <= 0.3 NTU) (Y/N)?	Yes	Yes
Avg % reduction during the month = [(Avg Raw NTU - Avg Effl NTU)/(Avg Raw NTU)] x 100% :	99.4%	99.4%
Meets Standard (i.e. Reduction is greater than 80%) (Y/N)?	Yes	Yes

15 min Data	Source Flow (gpm)	Recycled Water Turbidity	Source Water Turbidity	Settled Water Turbidity
Min =	36	1.1	2.0	0.11
50 th =	175	2.0	4.6	0.73
90 th =	180	4.2	7.9	1.46
95 th =	180	5.0	9.4	1.68
98 th =	181	5.7	11.3	1.89
99 th =	181	6.1	12.6	2.34
Max =	189	6.5	35.3	4.95

	4 hr	15 min
Sample Frequency:	4 hr	15 min
Number of Samples:	130	2,104
Percentile Results:	Min =	0.020
xth Percentile NTU Value of all turbidity readings:	50 th =	0.030
(x% of all turbidity readings are less than these values)	90 th =	0.045
	95 th =	0.048
	98 th =	0.063
	99 th =	0.065
	Max =	0.073

**MONTHLY SUMMARY OF MONITORING  
FOR SURFACE WATER TREATMENT REGULATIONS**

System Name: Buckingham Park Water District - Treatment Plant

System Number: 1710011

Filter Type: Filter 1 (Vertical Pressure: 50.3 sq-ft, anthracite & silica sand)

Month/Year: August-21

Date	Filter 1 Operations & Pre-Filtered Water Turbidities (NTU) <sup>1</sup>				Filter 1 Treated Water NTU Every Four Hours <sup>2</sup>						Filter 1 Daily Filtered Turbidity, Range, (50, 95th) <sup>1</sup>
	Filter Run Time, Hr.	Filter Loading Rate, (gpm/ft <sup>2</sup> ) Range, (50th) <sup>3</sup>	Source Water Turbidity (5, 50, 95th)	Settled Water Turbidity (5, 50, 95th)	Midnight	4:00 AM	8:00 AM	Noon	4:00 PM	8:00 PM	
Sun-1	18.0	1.7 - 1.9, (1.8)	4.3, 5.1, 9.4	0.56, 0.86, 1.54	-	-	0.078	0.065	0.070	0.069	0.065 - 0.166, (0.071, 0.105)
Mon-2	17.5	1.7 - 1.8, (1.8)	6.6, 7.8, 10.7	0.95, 1.36, 1.74	0.070	0.078	0.076	0.059	-	-	0.055 - 0.144, (0.073, 0.097)
Tue-3	16.8	1.6 - 2.0, (1.8)	5.7, 7.4, 8.9	1.04, 1.40, 1.78	0.081	0.083	0.071	0.071	0.108	0.090	0.069 - 0.196, (0.083, 0.133)
Wed-4	16.5	1.4 - 1.8, (1.8)	4.4, 5.2, 6.9	0.64, 0.89, 1.59	-	0.087	0.069	-	0.077	0.077	0.068 - 0.160, (0.076, 0.110)
Thu-5	17.3	1.5 - 1.8, (1.8)	4.4, 5.4, 7.7	0.22, 0.72, 1.02	0.178	-	0.065	-	0.066	0.067	0.062 - 0.185, (0.066, 0.125)
Fri-6	18.5	1.6 - 1.8, (1.8)	3.8, 4.9, 5.9	0.23, 0.55, 0.87	0.063	0.060	0.061	0.069	0.070	-	0.057 - 0.142, (0.068, 0.089)
Sat-7	18.3	1.6 - 1.8, (1.8)	3.2, 4.2, 7.2	0.61, 0.74, 1.00	0.078	0.077	0.078	0.076	0.103	0.075	0.072 - 0.129, (0.077, 0.106)
Sun-8	17.3	1.7 - 1.8, (1.8)	2.9, 3.3, 3.8	0.14, 0.26, 0.89	0.075	0.069	0.071	-	0.064	-	0.059 - 0.088, (0.070, 0.079)
Mon-9	16.5	1.3 - 1.9, (1.8)	2.2, 2.8, 3.9	0.15, 0.40, 0.71	0.058	0.066	0.059	0.059	-	0.083	0.054 - 0.150, (0.059, 0.106)
Tue-10	18.0	1.6 - 1.8, (1.8)	2.1, 10.7, 16.2	0.78, 1.19, 1.85	-	0.073	0.078	-	0.091	0.110	0.070 - 0.175, (0.086, 0.107)
Wed-11	17.8	1.5 - 1.8, (1.8)	3.3, 4.8, 9.4	0.85, 1.09, 1.86	0.086	0.087	0.083	0.083	-	0.077	0.070 - 0.170, (0.083, 0.132)
Thu-12	17.3	1.6 - 1.8, (1.8)	3.4, 4.1, 7.3	0.61, 0.82, 1.20	-	0.072	0.064	0.065	0.055	0.047	0.046 - 0.178, (0.065, 0.101)
Fri-13	15.3	1.6 - 1.8, (1.8)	3.5, 4.8, 6.3	0.55, 0.90, 1.13	-	0.064	0.089	0.070	-	0.072	0.057 - 0.134, (0.069, 0.089)
Sat-14	16.3	1.6 - 1.8, (1.8)	3.8, 4.7, 6.0	0.57, 0.67, 1.12	0.066	-	0.066	0.068	-	0.066	0.063 - 0.130, (0.067, 0.096)
Sun-15	16.0	1.6 - 1.8, (1.8)	3.5, 3.9, 5.4	0.38, 0.54, 0.88	-	0.062	0.063	0.062	-	0.062	0.060 - 0.128, (0.063, 0.087)
Mon-16	17.5	0.8 - 1.8, (1.8)	3.4, 4.2, 7.3	0.41, 0.55, 0.82	-	0.060	0.060	0.061	0.080	-	0.059 - 0.112, (0.062, 0.085)
Tue-17	16.0	1.6 - 2.0, (1.8)	4.6, 5.3, 6.5	0.55, 0.65, 0.96	0.068	-	0.065	0.068	0.059	-	0.059 - 0.147, (0.067, 0.097)
Wed-18	17.0	1.6 - 2.0, (1.8)	4.2, 6.0, 9.0	0.61, 0.80, 1.19	0.064	0.110	0.063	-	0.062	-	0.061 - 0.135, (0.065, 0.109)
Thu-19	16.3	1.5 - 1.8, (1.8)	4.6, 7.7, 9.9	0.84, 1.30, 1.80	0.068	-	0.071	0.066	-	0.044	0.043 - 0.103, (0.068, 0.087)
Fri-20	16.5	1.5 - 1.8, (1.8)	5.6, 7.6, 12.3	1.41, 1.73, 3.03	-	-	0.072	0.062	0.083	0.060	0.054 - 0.230, (0.066, 0.149)
Sat-21	17.3	0.5 - 1.8, (1.8)	4.9, 5.7, 7.3	0.92, 1.15, 1.78	0.086	-	0.061	0.054	0.059	-	0.051 - 0.191, (0.058, 0.110)
Sun-22	17.5	1.6 - 1.8, (1.8)	3.2, 4.3, 5.7	0.60, 0.85, 1.16	0.052	-	0.052	0.047	-	-	0.045 - 0.106, (0.050, 0.093)
Mon-23	17.8	0.4 - 1.8, (1.8)	3.4, 4.4, 5.4	0.47, 0.77, 1.06	0.047	0.060	0.042	0.041	-	0.037	0.036 - 0.060, (0.042, 0.048)
Tue-24	14.8	0.3 - 2.0, (1.7)	2.9, 3.4, 4.2	0.34, 0.61, 0.91	-	0.036	0.035	0.035	0.063	-	0.031 - 0.063, (0.035, 0.045)
Wed-25	16.5	1.6 - 1.8, (1.8)	2.9, 3.4, 5.0	0.32, 0.50, 0.79	-	-	0.029	0.036	0.066	-	0.028 - 0.186, (0.032, 0.116)
Thu-26	16.0	0.3 - 1.8, (1.8)	3.9, 4.6, 5.5	0.38, 0.51, 1.05	0.121	-	0.039	0.033	-	0.031	0.030 - 0.231, (0.036, 0.139)
Fri-27	16.5	1.4 - 1.8, (1.6)	3.0, 3.5, 4.4	0.27, 0.44, 0.57	0.036	0.030	0.031	0.036	-	0.029	0.028 - 0.074, (0.031, 0.055)
Sat-28	17.5	1.6 - 1.8, (1.8)	2.7, 3.3, 4.7	0.34, 0.49, 0.69	-	0.030	0.028	0.030	0.035	0.034	0.028 - 0.087, (0.030, 0.043)
Sun-29	14.8	1.7 - 1.9, (1.8)	2.9, 3.4, 4.3	0.31, 0.52, 0.72	-	0.035	0.032	-	-	-	0.031 - 0.077, (0.035, 0.062)
Mon-30	15.0	1.8 - 1.9, (1.8)	3.1, 3.7, 4.2	0.42, 0.52, 0.83	0.034	-	0.034	0.035	-	0.035	0.033 - 0.135, (0.035, 0.062)
Tue-31	14.3	1.8 - 1.8, (1.8)	2.5, 3.1, 4.0	0.34, 0.47, 0.93	-	-	0.040	-	0.039	-	0.035 - 0.105, (0.040, 0.067)
Min:	14.3	0.30	2.0	0.1	0.034	0.030	0.028	0.030	0.035	0.029	0.028
Avg:	16.7	1.73	5.1	0.8	0.074	0.065	0.059	0.056	0.069	0.061	0.064
Max:	18.5	2.03	35.3	5.0	0.178	0.110	0.089	0.083	0.108	0.110	0.231

1. Reported values are based on 15 minute recorded data.
2. Reported values are based on discrete recorded data at 4 hour intervals.
3. Reported loading rate values are based on individual filtration flow.

Meets Standard (i.e. at least 95% of readings are <= 0.3 NTU) (Y/N)? **Yes**

Avg % reduction during the month = [(Avg Raw NTU - Avg Effl NTU)/(Avg Raw NTU)] x 100% : **98.8%**

Meets Standard (i.e. Reduction is greater than 80%) (Y/N)? **Yes**

Number of readings <= 0.3 NTU: **129**

% Readings <= 0.3 NTU: **100.0%**

Average Effluent NTU: **0.063**

	4 hr	15 min
Number of readings <= 0.3 NTU:	129	2,072
% Readings <= 0.3 NTU:	100.0%	100.0%
Average Effluent NTU:	0.063	0.064
Meets Standard (i.e. at least 95% of readings are <= 0.3 NTU) (Y/N)?	Yes	Yes
Avg % reduction during the month = [(Avg Raw NTU - Avg Effl NTU)/(Avg Raw NTU)] x 100% :	98.8%	98.7%
Meets Standard (i.e. Reduction is greater than 80%) (Y/N)?	Yes	Yes

15 min Data	Filter 1 (gpm/ft <sup>2</sup> )	Source Water Turbidity	Settled Water Turbidity
Min =	0.30	2.0	0.11
50 th =	1.78	4.6	0.73
90 th =	1.80	7.9	1.46
95 th =	1.80	9.4	1.68
98 th =	1.81	11.3	1.89
99 th =	1.82	12.6	2.34
Max =	2.03	35.3	4.95

	4 hr	15 min	
Sample Frequency:	4 hr	15 min	
Number of Samples:	129	2,072	
Percentile Results:	Min =	0.028	0.028
xth Percentile NTU Value of all turbidity readings:	50 th =	0.065	0.065
(x% of all turbidity readings are less than these values)	90 th =	0.084	0.086
	95 th =	0.090	0.103
	98 th =	0.110	0.134
	99 th =	0.118	0.158
	Max =	0.178	0.231

**MONTHLY SUMMARY OF MONITORING  
FOR SURFACE WATER TREATMENT REGULATIONS**

System Name: Buckingham Park Water District - Treatment Plant

System Number: 1710011

Filter Type: Filter 2 (Vertical Pressure: 50.3 sq-ft, anthracite & silica sand)

Month/Year: August-21

Date	Filter 2 Operations & Pre-Filtered Water Turbidities (NTU) <sup>1</sup>				Filter 2 Treated Water NTU Every Four Hours <sup>2</sup>						Filter 2 Daily Filtered Turbidity, Range, (50, 95th) <sup>1</sup>
	Filter Run Time, Hr.	Filter Loading Rate, (gpm/ft <sup>2</sup> ) Range, (50th) <sup>3</sup>	Source Water Turbidity (5, 50, 95th)	Settled Water Turbidity (5, 50, 95th)	Midnight	4:00 AM	8:00 AM	Noon	4:00 PM	8:00 PM	
Sun-1	18.0	1.7 - 1.9, (1.8)	4.3, 5.1, 9.4	0.56, 0.86, 1.54	-	-	0.069	0.064	0.067	0.066	0.026 - 0.152, (0.065, 0.078)
Mon-2	17.5	1.6 - 1.9, (1.8)	6.6, 7.8, 10.7	0.95, 1.36, 1.74	0.061	0.068	0.066	0.070	-	-	0.029 - 0.116, (0.070, 0.096)
Tue-3	16.8	1.6 - 1.8, (1.8)	5.7, 7.4, 8.9	1.04, 1.40, 1.78	0.074	0.070	0.070	0.071	-	0.099	0.030 - 0.180, (0.072, 0.165)
Wed-4	16.5	1.7 - 1.8, (1.8)	4.4, 5.2, 6.9	0.64, 0.89, 1.59	-	0.079	0.072	-	0.076	0.069	0.031 - 0.171, (0.075, 0.101)
Thu-5	17.3	1.7 - 1.8, (1.8)	4.4, 5.4, 7.7	0.22, 0.72, 1.02	0.175	-	0.066	-	0.065	0.058	0.024 - 0.188, (0.065, 0.133)
Fri-6	18.8	1.6 - 1.8, (1.8)	3.8, 4.9, 5.9	0.23, 0.55, 0.87	0.058	0.060	0.056	-	0.066	-	0.024 - 0.136, (0.062, 0.080)
Sat-7	18.3	1.5 - 1.8, (1.8)	3.2, 4.2, 7.2	0.61, 0.74, 1.00	0.060	0.059	0.064	0.065	0.085	0.063	0.027 - 0.137, (0.064, 0.086)
Sun-8	17.3	1.6 - 1.8, (1.8)	2.9, 3.3, 3.8	0.14, 0.26, 0.89	0.060	0.055	0.051	-	0.058	-	0.020 - 0.112, (0.055, 0.068)
Mon-9	16.5	1.2 - 1.8, (1.8)	2.2, 2.8, 3.9	0.15, 0.40, 0.71	0.051	0.056	0.050	0.055	-	0.061	0.019 - 0.084, (0.054, 0.073)
Tue-10	17.8	1.6 - 2.0, (1.8)	2.1, 10.7, 16.2	0.78, 1.19, 1.85	-	0.068	0.067	0.076	0.081	0.099	0.026 - 0.184, (0.078, 0.104)
Wed-11	17.8	1.6 - 1.8, (1.8)	3.3, 4.8, 9.4	0.85, 1.09, 1.86	0.099	0.099	0.087	0.080	-	0.073	0.030 - 0.242, (0.084, 0.128)
Thu-12	17.3	1.6 - 1.8, (1.8)	3.4, 4.1, 7.3	0.61, 0.82, 1.20	-	0.074	0.065	0.061	0.057	0.058	0.024 - 0.138, (0.062, 0.103)
Fri-13	15.3	1.6 - 1.9, (1.8)	3.5, 4.8, 6.3	0.55, 0.90, 1.13	-	0.061	0.061	0.063	-	0.073	0.024 - 0.129, (0.062, 0.096)
Sat-14	16.3	1.6 - 1.8, (1.8)	3.8, 4.7, 6.0	0.57, 0.67, 1.12	0.071	-	0.071	0.069	-	0.084	0.026 - 0.144, (0.070, 0.100)
Sun-15	16.0	1.6 - 1.8, (1.8)	3.5, 3.9, 5.4	0.38, 0.54, 0.88	-	0.066	0.062	0.063	-	0.064	0.025 - 0.122, (0.064, 0.096)
Mon-16	17.5	0.9 - 1.8, (1.8)	3.4, 4.2, 7.3	0.41, 0.55, 0.82	-	0.061	0.057	0.059	0.118	-	0.023 - 0.126, (0.061, 0.118)
Tue-17	16.0	1.6 - 1.8, (1.8)	4.6, 5.3, 6.5	0.55, 0.65, 0.96	0.079	-	0.069	0.071	0.071	-	0.027 - 0.140, (0.072, 0.092)
Wed-18	17.0	0.8 - 1.8, (1.8)	4.2, 6.0, 9.0	0.61, 0.80, 1.19	0.073	0.141	0.070	-	0.077	-	0.029 - 0.171, (0.075, 0.123)
Thu-19	16.3	1.5 - 1.8, (1.8)	4.6, 7.7, 9.9	0.84, 1.30, 1.80	0.077	-	0.079	0.088	-	0.074	0.031 - 0.159, (0.079, 0.105)
Fri-20	16.8	1.6 - 1.8, (1.8)	5.6, 7.6, 12.3	1.41, 1.73, 3.03	-	-	0.078	0.105	0.161	0.087	0.034 - 0.209, (0.083, 0.145)
Sat-21	17.3	0.6 - 1.8, (1.7)	4.9, 5.7, 7.3	0.92, 1.15, 1.78	0.085	-	0.073	0.069	0.077	-	0.031 - 0.174, (0.073, 0.118)
Sun-22	17.5	1.5 - 1.8, (1.7)	3.2, 4.3, 5.7	0.60, 0.85, 1.16	0.056	-	-	0.053	-	-	0.029 - 0.139, (0.056, 0.085)
Mon-23	17.8	0.4 - 2.0, (1.7)	3.4, 4.4, 5.4	0.47, 0.77, 1.06	0.062	0.063	0.052	0.054	-	0.053	0.023 - 0.077, (0.055, 0.063)
Tue-24	14.8	0.4 - 1.8, (1.8)	2.9, 3.4, 4.2	0.34, 0.61, 0.91	-	0.052	0.051	0.051	0.082	-	0.020 - 0.082, (0.052, 0.063)
Wed-25	16.5	1.6 - 1.8, (1.8)	2.9, 3.4, 5.0	0.32, 0.50, 0.79	-	-	0.048	0.062	0.070	-	0.018 - 0.179, (0.055, 0.099)
Thu-26	16.0	1.6 - 2.1, (1.7)	3.9, 4.6, 5.5	0.38, 0.51, 1.05	0.101	-	0.057	0.056	-	0.056	0.022 - 0.226, (0.057, 0.109)
Fri-27	16.5	1.6 - 1.8, (1.8)	3.0, 3.5, 4.4	0.27, 0.44, 0.57	0.060	0.077	0.052	0.056	-	0.054	0.022 - 0.100, (0.055, 0.074)
Sat-28	17.5	1.5 - 1.8, (1.8)	2.7, 3.3, 4.7	0.34, 0.49, 0.69	-	0.052	0.051	0.055	0.058	0.058	0.019 - 0.122, (0.056, 0.070)
Sun-29	14.8	1.8 - 1.8, (1.8)	2.9, 3.4, 4.3	0.31, 0.52, 0.72	-	0.059	0.062	-	-	-	0.025 - 0.112, (0.062, 0.090)
Mon-30	14.8	1.8 - 1.8, (1.8)	3.1, 3.7, 4.2	0.42, 0.52, 0.83	0.058	-	0.058	0.073	-	0.073	0.023 - 0.148, (0.070, 0.107)
Tue-31	14.3	1.7 - 1.8, (1.8)	2.5, 3.1, 4.0	0.34, 0.47, 0.93	-	-	0.063	-	0.095	-	0.026 - 0.112, (0.068, 0.103)
Min:	14.3	0.39	2.0	0.1	0.051	0.052	0.048	0.051	0.057	0.053	0.044
Avg:	16.7	1.74	5.1	0.8	0.076	0.070	0.063	0.066	0.080	0.070	0.070
Max:	18.8	2.14	35.3	5.0	0.175	0.141	0.087	0.105	0.161	0.099	0.242

1. Reported values are based on 15 minute recorded data.
2. Reported values are based on discrete recorded data at 4 hour intervals.
3. Reported loading rate values are based on individual filtration flow.

Number of readings <= 0.3 NTU: **127**  
 % Readings <= 0.3 NTU: **100.0%**  
 Average Effluent NTU: **0.070**

Meets Standard (i.e. at least 95% of readings are <= 0.3 NTU) (Y/N)? **Yes**  
 Avg % reduction during the month = [(Avg Raw NTU - Avg Effl NTU)/(Avg Raw NTU)] x 100% : **98.6%**  
 Meets Standard (i.e. Reduction is greater than 80%) (Y/N)? **Yes**

	4 hr	15 min
Number of readings <= 0.3 NTU:	127	2,072
% Readings <= 0.3 NTU:	100.0%	100.0%
Average Effluent NTU:	0.070	0.070
Meets Standard (i.e. at least 95% of readings are <= 0.3 NTU) (Y/N)?	Yes	Yes
Avg % reduction during the month = [(Avg Raw NTU - Avg Effl NTU)/(Avg Raw NTU)] x 100% :	98.6%	98.6%
Meets Standard (i.e. Reduction is greater than 80%) (Y/N)?	Yes	Yes

15 min Data	Filter 2 (gpm/ft <sup>2</sup> )	Source Water Turbidity	Settled Water Turbidity
Min =	0.39	2.0	0.11
50 th =	1.79	4.6	0.73
90 th =	1.79	7.9	1.46
95 th =	1.80	9.4	1.68
98 th =	1.81	11.3	1.89
99 th =	1.83	12.6	2.34
Max =	2.14	35.3	4.95

	4 hr	15 min	
Sample Frequency:	4 hr	15 min	
Number of Samples:	127	2,072	
Percentile Results:	Min =	0.048	0.044
xth Percentile NTU Value of all turbidity readings:	50 th =	0.066	0.066
(x% of all turbidity readings are less than these values)	90 th =	0.087	0.088
	95 th =	0.099	0.105
	98 th =	0.129	0.134
	99 th =	0.156	0.160
	Max =	0.175	0.242

# MONTHLY SUMMARY OF MONITORING FOR SURFACE WATER TREATMENT REGULATIONS

System Name: **Buckingham Park Water District - Treatment Plant**

System Number: **1710011**

Plant Type: **Conventional Treatment - (Solids-Contact Upflow Clarifier, 2 Multi-Media Vertical Pressure Filters, 2 GAC filters & Disinfection)**

Month/Year: **August-21**

## Plant Operations and Water Characteristics (depicted data is based on when plant is producing water)

Date	Plant Run Time, Hr.	Recycled Run Time, Hr.	Source + Recycled Flow (gpm) (5, 50, 95th)	Recycled Flow (gpm) (5, 50, 95th)	% Recycled Flow (5, 50, 95th)	CFE Flow (gpm) (5, 50, 95th)	Clearwell Flow (gpm) (5, 50, 95th)	Recycled Production (gallons)	Source Production (gallons)	CFE Production (gallons)	Clearwell Pumped (gallons)	Distribution Demand (gallons)	Clearwell pH (5, 50, 95th)	Clearwell Inlet, mg/L (5, 50, 95th)	Clearwell Cl <sub>2</sub> Outlet, mg/L (5, 50, 95th)	Clearwell Cl <sub>2</sub> Temp, °C (5, 50, 95th)
Sat-1	18.3	2.0	173,184,218	9.7, 10.0, 10.1	4.4%, 5.5%, 5.6%	174,179,181	202,208,212	1,196	202,201	192,764	188,080	183,435	7.70, 7.80, 7.84	2.65, 3.89, 4.54	1.21, 1.28, 1.33	26.1, 27.1, 27.9
Mon-2	17.8	-	154,183,196	-	-	172,178,180	202,208,212	-	192,203	186,051	158,952	159,413	7.70, 7.71, 7.80	2.50, 3.86, 4.38	1.35, 1.45, 1.52	25.9, 26.8, 27.5
Tue-3	17.0	2.0	166,182,203	9.9, 10.0, 10.1	5.3%, 5.5%, 5.8%	169,175,180	204,208,212	1,199	184,470	176,166	134,066	137,074	7.71, 7.80, 7.90	2.61, 3.83, 4.29	1.44, 1.46, 1.52	25.8, 26.7, 27.8
Wed-4	16.8	0.5	166,182,198	10.0, 10.0, 10.0	5.3%, 5.3%, 5.4%	167,177,181	196,205,210	300	183,173	174,209	150,064	156,588	7.72, 7.81, 7.89	1.77, 3.46, 4.22	1.27, 1.38, 1.41	26.0, 26.9, 27.7
Thu-5	17.5	1.5	166,183,194	10.0, 10.0, 10.1	5.4%, 5.5%, 5.6%	166,177,180	195,205,209	902	189,801	182,089	158,842	152,084	7.71, 7.81, 7.90	1.98, 3.29, 4.84	1.15, 1.29, 1.36	25.4, 26.4, 27.4
Fri-6	19.0	1.5	169,181,202	9.9, 10.0, 10.1	5.3%, 5.5%, 5.6%	170,176,180	202,207,210	900	207,513	196,639	179,414	170,484	7.70, 7.78, 7.86	2.71, 3.49, 4.68	1.33, 1.51, 1.56	25.6, 26.3, 27.1
Sat-7	18.5	2.3	166,183,196	9.9, 9.9, 10.0	5.4%, 5.4%, 5.6%	168,176,180	203,207,211	1,342	201,263	191,578	166,801	162,654	7.70, 7.75, 7.80	1.68, 3.12, 4.24	1.12, 1.22, 1.32	25.4, 26.4, 27.4
Sun-8	17.5	1.8	171,184,196	9.9, 10.0, 10.2	4.9%, 5.3%, 5.9%	170,178,180	202,208,210	1,050	191,154	183,170	156,257	154,214	7.70, 7.72, 7.80	2.48, 3.25, 4.05	1.13, 1.22, 1.26	25.5, 26.3, 27.0
Mon-9	18.8	0.3	173,185,194	9.9, 9.9, 9.9	5.3%, 5.3%, 5.3%	167,178,180	202,207,211	148	187,710	175,957	153,024	157,093	7.67, 7.73, 7.80	1.79, 3.19, 3.93	1.11, 1.13, 1.16	25.7, 26.5, 27.4
Tue-10	18.3	1.8	172,184,204	9.9, 9.9, 10.0	4.9%, 5.4%, 7.9%	170,176,180	202,206,211	1,044	201,516	188,863	160,061	157,893	7.60, 7.70, 7.77	0.62, 2.97, 5.00	0.71, 0.92, 1.31	25.8, 26.6, 27.7
Wed-11	18.0	2.3	158,182,206	9.9, 10.0, 10.1	4.5%, 5.3%, 5.5%	167,174,179	173,206,211	1,351	196,147	185,153	159,872	156,588	7.70, 7.74, 7.80	1.68, 3.82, 4.80	1.30, 1.43, 1.52	26.3, 27.2, 28.2
Thu-12	17.5	0.8	164,186,214	9.9, 10.0, 10.0	5.5%, 5.5%, 5.6%	170,176,180	200,207,213	448	196,413	181,717	155,231	157,006	7.70, 7.74, 7.80	1.04, 3.16, 4.88	1.13, 1.17, 1.26	26.5, 27.2, 27.6
Fri-13	15.5	2.5	143,186,222	10.0, 10.0, 10.1	4.3%, 5.3%, 5.6%	171,175,180	203,207,211	1,506	172,772	160,795	141,711	136,658	7.70, 7.74, 7.80	0.86, 4.85, 5.00	0.94, 1.21, 1.55	26.3, 26.8, 27.2
Sat-14	16.5	4.5	170,186,215	9.9, 10.0, 10.1	4.8%, 5.4%, 5.7%	169,175,180	203,208,212	2,703	182,264	170,516	141,676	143,061	7.70, 7.74, 7.80	2.31, 3.67, 5.00	1.58, 1.70, 1.79	26.0, 26.5, 27.4
Sun-15	16.3	2.8	163,187,211	10.0, 10.1, 10.1	5.1%, 5.3%, 6.4%	171,176,180	187,208,213	1,660	182,265	168,393	140,678	146,906	7.70, 7.75, 7.80	1.33, 3.00, 5.00	1.30, 1.39, 1.54	26.0, 26.8, 27.8
Mon-16	17.8	3.0	171,187,201	10.0, 10.0, 10.1	5.1%, 5.2%, 5.5%	170,176,180	193,201,204	1,804	196,734	183,401	159,460	149,920	7.65, 7.75, 7.80	2.22, 4.09, 5.00	1.43, 1.50, 1.74	26.6, 27.3, 27.9
Tue-17	16.3	2.0	170,187,210	9.9, 10.0, 10.0	4.7%, 5.2%, 5.3%	170,175,180	185,200,206	1,195	186,247	168,931	147,607	147,679	7.70, 7.75, 7.80	1.81, 2.97, 5.00	1.53, 1.83, 2.04	25.8, 26.6, 27.2
Wed-18	17.3	2.5	170,185,215	9.9, 10.0, 10.1	5.3%, 5.4%, 5.9%	169,174,178	186,203,207	1,498	191,544	177,785	142,500	140,885	7.70, 7.74, 7.80	1.78, 3.62, 4.74	1.38, 1.48, 1.55	25.1, 25.9, 26.5
Thu-19	16.5	2.3	174,183,204	10.0, 10.0, 10.1	5.3%, 5.4%, 6.5%	167,173,178	197,202,206	1,351	181,598	168,676	131,588	132,549	7.66, 7.76, 7.87	2.08, 3.19, 4.98	1.40, 1.54, 1.61	24.8, 25.5, 26.3
Fri-20	17.0	1.0	154,183,201	10.1, 10.1, 10.1	5.5%, 5.6%, 5.6%	163,171,177	189,202,207	605	187,009	170,777	147,205	146,446	7.70, 7.74, 7.80	2.00, 3.24, 3.95	1.27, 1.30, 1.36	24.8, 25.6, 26.4
Sat-21	17.5	2.0	148,182,204	10.0, 10.1, 10.1	5.1%, 5.5%, 5.6%	167,171,176	192,202,207	1,208	191,444	175,735	151,143	150,367	7.70, 7.73, 7.80	1.98, 3.46, 4.29	1.23, 1.28, 1.43	24.5, 25.4, 26.0
Sun-22	17.8	0.3	169,183,205	9.8, 9.8, 9.8	4.8%, 4.8%, 4.8%	166,173,176	155,203,207	147	195,027	180,703	146,348	146,701	7.63, 7.73, 7.80	2.96, 3.72, 4.63	1.41, 1.47, 1.53	24.4, 25.0, 25.9
Mon-23	18.0	1.0	163,183,196	9.8, 9.9, 9.9	5.1%, 5.2%, 5.3%	136,171,177	193,204,208	592	196,542	179,454	154,410	155,039	7.60, 7.70, 7.80	2.62, 3.79, 4.64	1.47, 1.50, 1.59	24.4, 25.1, 26.1
Tue-24	15.0	0.5	174,184,212	9.9, 9.9, 9.9	5.3%, 5.3%, 5.4%	148,172,175	199,203,207	297	165,296	149,799	122,619	127,374	7.62, 7.62, 7.70	1.41, 2.74, 4.31	1.19, 1.28, 1.46	24.0, 24.9, 25.7
Wed-25	16.8	2.0	150,185,213	9.9, 10.0, 10.1	5%, 5.3%, 5.5%	168,172,176	196,203,207	1,199	185,074	170,931	139,924	129,746	7.52, 7.60, 7.70	2.52, 3.47, 4.76	1.26, 1.38, 1.47	23.6, 24.5, 25.3
Thu-26	16.3	1.8	171,187,208	10.0, 10.0, 10.1	5.1%, 5.5%, 5.8%	167,174,180	197,202,207	1,053	185,963	166,942	139,230	141,360	7.51, 7.62, 7.69	1.85, 3.97, 5.00	1.33, 1.46, 1.60	23.7, 24.5, 25.7
Fri-27	16.8	0.8	161,180,218	10.0, 10.0, 10.1	5%, 5.4%, 5.7%	160,167,172	182,205,208	451	182,253	165,940	142,135	140,591	7.51, 7.60, 7.70	2.19, 3.38, 3.83	1.36, 1.45, 1.48	24.2, 25.1, 25.9
Sat-28	17.8	3.5	172,190,213	9.9, 10.0, 10.1	5%, 5.2%, 5.6%	165,176,181	195,204,208	2,097	198,973	182,994	146,018	144,940	7.50, 7.60, 7.69	2.30, 3.09, 4.51	1.20, 1.27, 1.58	24.2, 25.1, 26.2
Sun-29	15.0	4.3	164,193,227	9.7, 10.0, 10.1	5%, 5.1%, 5.7%	178,180,181	200,204,209	2,530	175,320	159,958	131,252	130,859	7.51, 7.60, 7.70	2.34, 3.66, 4.05	1.42, 1.53, 1.56	24.8, 25.7, 26.5
Mon-30	15.0	1.5	185,194,211	9.9, 9.9, 10.0	5.1%, 5.2%, 5.6%	179,180,181	199,205,209	894	178,412	160,584	140,835	139,205	7.50, 7.60, 7.70	2.09, 3.24, 3.75	1.21, 1.33, 1.40	24.8, 25.6, 26.6
Tue-31	14.5	1.5	165,194,225	9.8, 9.9, 10.0	5%, 5%, 5.2%	178,180,181	200,205,208	889	170,434	153,739	128,426	127,814	7.57, 7.63, 7.70	1.75, 3.62, 4.06	1.19, 1.36, 1.41	24.6, 25.6, 26.2

**MONTHLY SUMMARY OF MONITORING  
FOR SURFACE WATER TREATMENT REGULATIONS**

System Name: Buckingham Park Water District - Treatment Plant

System #: 1710011

Filter Type: Filter 1 (Vertical Pressure: 50.3 sq-ft)

Month/Year: August-21

Filter 1 Operations												
Date	Run Time, Hr.	Filter Flow gpm, gpm/ft <sup>2</sup> Range (50th)	Filter Production (gallons)	Backwash (BW) Start Time	Surface Wash Loading Rate (gpm/ft <sup>2</sup> )	Filter BW Loading Rate (gpm/ft <sup>2</sup> )	Filter BW Volume (gallons)	Filter SW Volume (gallons)	Filter-to-Waste, Vol (gallons)	Total Vol to Sludge Pond (gallons)	Gal of Water Produced Between BW	UFRV (gal/ft <sup>2</sup> )
Sat-1	18.0	84 - 94, (90) 1.7 - 1.9, (1.8)	97,528	9:59 AM	2.7, 2.7, 2.7 0.0, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	403	807	5,635	38,572	767
Mon-2	17.5	83 - 92, (90) 1.7 - 1.8, (1.8)	91,255	7:25 AM	2.6, 2.7, 2.7 0.1, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	406	807	5,638	84,469	1,680
Tue-3	16.8	78 - 102, (90) 1.6 - 2.0, (1.8)	85,341	6:00 AM	2.5, 2.7, 2.7 0.2, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	403	804	5,632	83,678	1,665
Wed-4	16.5	69 - 92, (89) 1.4 - 1.8, (1.8)	85,515	6:06 AM	2.4, 2.7, 2.7 0.3, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	401	802	5,628	83,195	1,655
Thu-5	17.3	75 - 91, (90) 1.5 - 1.8, (1.8)	89,044	5:17 AM	2.3, 2.7, 2.7 0.4, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	403	802	5,630	82,985	1,651
Fri-6	18.5	80 - 92, (90) 1.6 - 1.8, (1.8)	98,259	2:09 AM 10:41 PM	2.1, 2.7, 2.7 0.5, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	8,850	798	1,610	11,258	84,597	1,683
Sat-7	18.3	79 - 91, (90) 1.6 - 1.8, (1.8)	96,460	6:20 PM	2.1, 2.7, 2.7 0.6, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	404	803	5,632	167,069	3,324
Sun-8	17.3	85 - 91, (90) 1.7 - 1.8, (1.8)	93,885	2:35 PM	1.9, 2.6, 2.6 0.7, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	395	804	5,624	84,309	1,677
Mon-9	16.5	67 - 94, (90) 1.3 - 1.9, (1.8)	91,016	1:49 PM	1.9, 2.7, 2.7 0.8, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	405	808	5,638	84,975	1,691
Tue-10	18.0	81 - 91, (90) 1.6 - 1.8, (1.8)	95,788	11:46 AM	1.8, 2.7, 2.7 0.8, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	405	799	5,629	83,926	1,670
Wed-11	17.8	76 - 92, (89) 1.5 - 1.8, (1.8)	90,874	9:13 AM	1.7, 2.6, 2.7 0.9, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	396	803	5,624	82,212	1,636
Thu-12	17.3	80 - 91, (90) 1.6 - 1.8, (1.8)	89,451	8:33 AM	1.7, 2.7, 2.7 1.0, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	405	802	5,632	82,862	1,648
Fri-13	15.3	81 - 91, (90) 1.6 - 1.8, (1.8)	81,680	7:33 AM	1.6, 2.7, 2.7 1.1, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	404	803	5,632	83,721	1,666
Sat-14	16.3	79 - 91, (90) 1.6 - 1.8, (1.8)	84,449	8:08 AM	1.5, 2.7, 2.7 1.2, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	402	804	5,631	82,717	1,646
Sun-15	16.0	80 - 92, (90) 1.6 - 1.8, (1.8)	84,435	6:53 AM	1.3, 2.6, 2.6 1.2, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	392	798	5,615	83,223	1,656
Mon-16	17.5	42 - 90, (90) 0.8 - 1.8, (1.8)	92,992	5:49 AM	1.3, 2.7, 2.7 1.4, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	402	802	5,629	83,085	1,653
Tue-17	16.0	80 - 101, (90) 1.6 - 2.0, (1.8)	87,103	4:44 AM	1.2, 2.7, 2.7 1.5, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	403	803	5,631	83,037	1,652
Wed-18	17.0	80 - 101, (90) 1.6 - 2.0, (1.8)	87,462	2:41 AM	1.1, 2.6, 2.6 1.5, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	393	805	5,623	83,617	1,664
Thu-19	16.3	77 - 91, (90) 1.5 - 1.8, (1.8)	81,628	1:36 AM	1.1, 2.7, 2.7 1.6, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	404	803	5,632	82,760	1,646
Fri-20	16.5	73 - 91, (89) 1.5 - 1.8, (1.8)	84,671	12:37 AM 11:09 PM	0.9, 2.6, 2.6 1.7, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	8,850	795	1,612	11,257	81,887	1,629
Sat-21	17.3	26 - 91, (90) 0.5 - 1.8, (1.8)	88,214	9:16 PM	0.8, 2.7, 2.7 1.9, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	403	808	5,636	161,557	3,214
Sun-22	17.5	78 - 91, (89) 1.6 - 1.8, (1.8)	91,720	5:18 PM	0.7, 2.6, 2.6 1.9, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	394	808	5,627	81,634	1,624
Mon-23	17.8	22 - 90, (89) 0.4 - 1.8, (1.8)	91,569	1:44 PM	0.7, 2.7, 2.7 2.0, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	403	800	5,628	81,482	1,621
Tue-24	14.8	17 - 101, (84) 0.3 - 2.0, (1.7)	74,270	1:50 PM	0.6, 2.6, 2.6 2.1, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	396	806	5,627	80,931	1,610
Wed-25	16.5	80 - 90, (89) 1.6 - 1.8, (1.8)	84,411	3:12 PM	0.5, 2.7, 2.7 2.2, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	406	809	5,640	81,420	1,620
Thu-26	16.0	15 - 92, (89) 0.3 - 1.8, (1.8)	84,721	9:50 AM	0.4, 2.7, 2.7 2.3, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	405	803	5,633	58,835	1,170
Fri-27	16.5	70 - 90, (81) 1.4 - 1.8, (1.6)	80,641	2:42 PM	0.3, 2.7, 2.6 2.3, 0.0, 0.0	6 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	5,310	399	803	6,512	105,793	2,105
Sat-28	17.5	78 - 93, (89) 1.6 - 1.8, (1.8)	91,935	3:20 PM	0.2, 2.6, 2.6 2.4, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	393	806	5,624	88,722	1,765
Sun-29	14.8	86 - 97, (90) 1.7 - 1.9, (1.8)	79,374	6:57 PM	0.1, 2.6, 2.6 2.5, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	394	811	5,630	95,629	1,902
Mon-30	15.0	89 - 95, (90) 1.8 - 1.9, (1.8)	80,296	-	-	-	-	-	-	-	-	-
Tue-31	14.3	88 - 91, (90) 1.8 - 1.8, (1.8)	78,388	1:43 AM	2.7, 2.7, 0.2 0.0, 0.0, 0.0	5 minutes of BW @ 17.6 gpm/ft <sup>2</sup>	4,425	277	811	5,513	95,285	1,896
<b>Total:</b>	<b>518.0</b>		<b>2,714,374</b>	<b>32</b>			<b>142,485</b>	<b>12,689</b>	<b>25,747</b>	<b>180,921</b>		
	21.6 days											

UFRV: Unit Filter Run Volume is the amount of water filtered per squared-foot between backwashes.  
Note: The amount of water filtered between backwashes does not account for the filter production in the previous month for the first calculated UFRV value.



**MONTHLY SUMMARY OF MONITORING  
FOR SURFACE WATER TREATMENT REGULATIONS**

System Name: Buckingham Park Water District - Treatment Plant

System #: 1710011

Filter Type: Filter 2 (Vertical Pressure: 50.3 sq-ft)

Month/Year: August-21

Filter 2 Operations												
Date	Run Time, Hr.	Filter Flow (gpm) Range (50lh)	Filter Production (gallons)	Backwash (BW) Start Time	Surface Wash Loading Rate (gpm/ft <sup>2</sup> )	Filter BW Loading Rate (gpm/ft <sup>2</sup> )	Filter BW Volume (gallons)	Filter SW Volume (gallons)	Filter-to-Waste, Vol (gallons)	Total Vol to Sludge Pond (gallons)	Gal of Water Produced Between BW	UFRV (gal/ft <sup>2</sup> )
Sat-1	18.0	85 - 97, (90) 1.7 - 1.9, (1.8)	97,670	8:52 PM	2.4, 2.5, 2.5 0.1, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	381	806	5,312	82,103	1,633
Mon-2	17.5	80 - 94, (90) 1.6 - 1.9, (1.8)	90,804	4:58 PM	2.3, 2.5, 2.5 0.1, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	375	805	5,305	84,130	1,674
Tue-3	16.8	79 - 92, (90) 1.6 - 1.8, (1.8)	85,403	3:46 PM	2.2, 2.5, 2.5 0.2, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	376	805	5,306	83,530	1,662
Wed-4	16.5	83 - 91, (90) 1.7 - 1.8, (1.8)	87,338	5:58 PM	2.2, 2.5, 2.5 0.3, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	375	803	5,303	84,649	1,684
Thu-5	17.3	84 - 91, (90) 1.7 - 1.8, (1.8)	90,115	5:44 PM	2.1, 2.5, 2.5 0.4, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	383	805	5,313	84,446	1,680
Fri-6	18.8	78 - 91, (90) 1.6 - 1.8, (1.8)	100,363	12:00 PM	2.1, 2.5, 2.5 0.5, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	383	805	5,313	83,764	1,666
Sat-7	18.3	77 - 92, (89) 1.5 - 1.8, (1.8)	95,750	8:29 AM	2.0, 2.5, 2.5 0.5, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	378	804	5,307	82,912	1,649
Sun-8	17.3	78 - 91, (90) 1.6 - 1.8, (1.8)	92,562	6:08 AM	1.9, 2.5, 2.5 0.6, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	379	806	5,310	83,197	1,655
Mon-9	16.5	61 - 91, (90) 1.2 - 1.8, (1.8)	90,187	4:30 AM	1.8, 2.5, 2.5 0.7, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	382	799	5,306	84,070	1,673
Tue-10	17.8	80 - 102, (90) 1.6 - 2.0, (1.8)	93,304	2:26 AM 11:14 PM	1.6, 2.5, 2.5 0.8, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	8,250	753	1,602	10,605	84,386	1,679
Wed-11	17.8	79 - 90, (90) 1.6 - 1.8, (1.8)	91,682	8:42 PM	1.6, 2.5, 2.5 0.9, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	373	801	5,299	166,347	3,309
Thu-12	17.3	80 - 90, (90) 1.6 - 1.8, (1.8)	90,336	5:13 PM	1.5, 2.5, 2.5 1.0, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	381	799	5,305	83,802	1,667
Fri-13	15.3	82 - 94, (90) 1.6 - 1.9, (1.8)	82,161	6:26 PM	1.4, 2.5, 2.5 1.1, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	374	800	5,299	83,968	1,670
Sat-14	16.3	80 - 92, (90) 1.6 - 1.8, (1.8)	84,818	7:29 PM	1.3, 2.5, 2.5 1.2, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	379	797	5,301	83,086	1,653
Sun-15	16.0	81 - 93, (89) 1.6 - 1.8, (1.8)	84,330	4:59 PM	1.3, 2.5, 2.5 1.2, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	381	806	5,312	83,026	1,652
Mon-16	17.5	45 - 90, (90) 0.9 - 1.8, (1.8)	94,096	1:56 PM	1.2, 2.5, 2.5 1.3, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	383	802	5,310	83,651	1,664
Tue-17	16.0	80 - 92, (90) 1.6 - 1.8, (1.8)	87,429	1:01 PM	1.1, 2.5, 2.5 1.4, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	373	808	5,306	83,448	1,660
Wed-18	17.0	39 - 92, (90) 0.8 - 1.8, (1.8)	87,517	12:15 PM	1.0, 2.5, 2.5 1.5, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	381	803	5,309	82,361	1,639
Thu-19	16.3	77 - 92, (90) 1.5 - 1.8, (1.8)	81,747	11:14 AM	1.0, 2.5, 2.5 1.6, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	381	812	5,318	82,229	1,636
Fri-20	16.8	78 - 92, (90) 1.6 - 1.8, (1.8)	87,555	10:50 AM	0.9, 2.5, 2.5 1.7, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	384	805	5,314	81,494	1,621
Sat-21	17.3	29 - 92, (85) 0.6 - 1.8, (1.7)	87,637	9:42 AM	0.8, 2.5, 2.5 1.7, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	373	801	5,299	80,621	1,604
Sun-22	17.5	77 - 91, (86) 1.5 - 1.8, (1.7)	90,992	7:50 AM	0.7, 2.5, 2.5 1.8, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	383	813	5,321	81,482	1,621
Mon-23	17.8	20 - 100, (86) 0.4 - 2.0, (1.7)	90,965	5:38 AM	0.7, 2.6, 2.5 1.9, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	384	809	5,318	81,570	1,623
Tue-24	14.8	19 - 90, (90) 0.4 - 1.8, (1.8)	75,668	4:30 AM	0.6, 2.5, 2.5 1.9, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	376	810	5,311	81,933	1,630
Wed-25	16.5	79 - 91, (89) 1.6 - 1.8, (1.8)	84,694	4:57 AM	0.5, 2.5, 2.5 2.0, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	383	802	5,310	81,750	1,626
Thu-26	16.0	81 - 108, (85) 1.6 - 2.1, (1.7)	81,926	6:24 AM	0.4, 2.5, 2.5 2.1, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	383	815	5,323	81,925	1,630
Fri-27	16.5	78 - 92, (90) 1.6 - 1.8, (1.8)	85,406	3:43 AM	0.3, 2.5, 2.5 2.2, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	377	808	5,310	80,495	1,601
Sat-28	17.5	76 - 91, (90) 1.5 - 1.8, (1.8)	91,984	6:37 AM	0.2, 2.5, 2.5 2.3, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	381	808	5,314	89,657	1,784
Sun-29	14.8	89 - 93, (90) 1.8 - 1.8, (1.8)	79,364	6:41 AM	0.1, 2.5, 2.5 2.3, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	370	806	5,301	95,871	1,907
Mon-30	14.8	88 - 91, (90) 1.8 - 1.8, (1.8)	78,818	9:05 AM	2.5, 2.5, 2.4 0.0, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	370	812	5,307	95,627	1,902
Tue-31	14.3	88 - 92, (90) 1.7 - 1.8, (1.8)	78,323	3:37 PM	2.5, 2.5, 1.6 0.0, 0.0, 0.0	5 minutes of BW @ 16.4 gpm/ft <sup>2</sup>	4,125	335	808	5,268	95,467	1,899
Total:	518.0		2,720,943	32			132,000	12,070	25,768	169,838		
	21.6 days											

UFRV: Unit Filter Run Volume is the amount of water filtered per squared-foot between backwashes.  
Note: The amount of water filtered between backwashes does not account for the filter production in the previous month for the first calculated UFRV value.

### Combined Filter Effluent Reporting

Incidents of turbidity greater than **1.0 NTU** in two consecutive measurements taken no more than 15 minutes apart.

Date of Incident	NONE				
Value					

Incidents of turbidity greater than **0.2 NTU** in two consecutive measurements taken 15 minutes apart at the end of the first 60 minutes of continuous filter operation after the filter has been backwashed or otherwise taken offline.

Date of Incident	NONE				
Value					

### Individual Filter Effluent Reporting

Were individual filters monitored and recorded at least once every 15 minutes?  Yes  No  
 Were there any trigger violations?  Yes  No

Incidents of turbidity greater than **1.0 NTU** in two consecutive measurements taken no more than 15 minutes apart.

Date of Incident	NONE						
Value							
Filter Number							

Incidents of turbidity greater than **0.3 NTU** in two consecutive measurements taken 15 minutes apart at the end of the first 60 minutes of continuous filter operation after the filter has been backwashed or otherwise taken offline.

Date of Incident	NONE						
Value							
Filter Number							

Incidents of turbidity greater than **1.0 NTU** in two consecutive measurements taken no more than 15 minutes apart at any time in each of three consecutive months.

Date of Incident	NONE						
Value							
Filter Number							

Incidents of turbidity greater than **2.0 NTU** in two consecutive measurements taken no more than 15 minutes apart at any time in each of two consecutive months.

Date of Incident	NONE						
Value							
Filter Number							

Note: System is required to arrange with the Department for a comprehensive performance evaluation (CPE) to be conducted no later than 30 days following the exceedance. The CPE must be completed and submitted to the State no later than 90 days following the exceedance for the second straight month.

### Turbidity Instrument Calibration

Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated:

Date	Which Turbidimeter	Which standards used, primary or secondary	Date	Which Turbidimeter	Which standards used, primary or secondary
8/19/2021	1720 dfilter 1	primary	8/19/2021	raw scatter 7	primary
8/19/2021	1720 d filter 2	primary	8/19/2021	hach hand held	primary
8/19/2021	Swan Turbiwell	verification			
8/19/2021	settled 1720 c	primary			

### Alarm Testing

Date	Alarm Tested	Set Point Tested	Call Out Successful	Shut Down Successful	Time Delay
8/19/2021	CL2 LOW	0.8	YES	YES	0min/30sec
8/19/2021	CL2HIGH	3.25	YES	YES	0min/30sec
8/19/2021	coagulant fail	fail	YES	YES	6min/25sec
8/19/2021	filter 1 ntu high	0.28	YES	YES	INST
8/19/2021	filter 2 ntu high	0.28	YES	YES	INST
8/19/2021	combined ntu high	0.28	YES	YES	0min/15sec

### Disinfection Process Data

Disinfectant residual type (check one):     Free Chlorine     Combined Chlorine     Other

Incidents of chlorine residuals less than **0.2 mg/L** at the plant effluent:

Date of Incident	none		
Duration			
Date Dept. Notified			

Total number of incidents where residual is < 0.2 mg/L: 0  
 Meet Standard (i.e. is not less than 0.2 mg/L for more than four hours (Y/N)? Yes

Number of distribution system residual samples collected:	124
Number of distribution system samples for HPC only:	
Total number of residual and/or HPC samples collected:	124
Number of samples with no detectable residual and HPC is not measured:	
Number of samples with no residual and HPC > 500 CFU/mL:	
Number of samples for HPC only and HPC > 500 CFU/mL:	
Total number of samples with no residual and/or HPC > 500 CFU/mL:	0

Compute V:

Where V = [1 - (Total No. of samples with no residual and/or HPC > 500)/(Total No. of residual and/or HPC samples collected)] x 100

V = 100.0%

Meets Standard (i.e. V >= 95%) (Y/N) ? Yes

### SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

Type of Complaint	Number	Corrective Actions Taken
Taste/Odor	none	
Color	none	
Turbidity	none	
Suspended Solids	none	
Other (Describe)	none	

Reports of Gastrointestinal Illness (attach additional sheets if necessary):

Person Reporting	Date	Corrective Actions Taken

Attach an explanation of any failure of the performance standards or operating criteria and corrective action taken or planned.

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Print Name: ALAN MITCHELL

Signature: *Alan Mitchell*

Date: 9-3-21

# CT Compliance for Giardia Lamblia Cysts by Free Chlorine

**Input Parameters:**

Water System Name:	Buckingham Park Water District	
Number of Service Connections:	455	
System Number:	1710011	
Month and Year:	August-21	
Clearwell(s) - Volume per Foot:	5,288	Gallons/Ft
Short-Circuiting Factor for Clearwell(s):	0.13	t <sub>10</sub> /T

Calc. are based only when plant is on-line and flow leaving clearwell									Results for <b>Giardia</b> Inactivation and Reduction of <b>Microcystin-LR</b>				
Date	Plant Run Time, hr	Plant Clearwell Operations							Giardia cysts			Microcystin-LR (Min)	
		Flow Rate, gpm	Clearwell Level, ft	Temp, °C	pH	Chlorine Residual, mg/L	Effective Volume, gal	Effective Contact Time, minutes	Calc. CT <sub>10</sub>	Minimum Log Inactivation	Log Inactivation Range, (5 th, Median)	Calculated Log (%) Reduction	MC-LR Reduced from x to 0.3 ug/L
Sat-1	18.3	208	34.5	27.1	7.70	1.31	23,717	114.0	149	8.30	1.49 - 8.53 (7.37, 7.85)	3.1 (99.92%)	357
Sun-2	17.8	210	32.0	26.4	7.80	1.38	21,998	104.7	145	8.03	8.03 - 9.68 (8.26, 8.81)	2.6 (99.77%)	128
Mon-3	17.0	210	32.6	26.5	7.90	1.47	22,411	106.9	157	7.86	7.86 - 9.50 (8.09, 9.15)	2.5 (99.69%)	95
Tue-4	16.8	195	26.7	27.6	7.89	1.29	18,355	93.9	121	6.74	6.74 - 8.74 (7.06, 7.89)	2.0 (98.91%)	28
Wed-5	17.5	196	25.9	26.7	7.88	1.16	17,805	90.9	105	5.86	5.86 - 8.52 (6.12, 7.60)	1.7 (98.07%)	16
Thu-6	19.0	209	33.1	26.8	7.80	1.33	22,754	109.1	145	8.07	8.07 - 9.78 (8.24, 9.02)	2.6 (99.77%)	132
Fri-7	18.5	209	32.3	25.9	7.78	1.13	22,204	106.0	120	6.66	6.66 - 8.42 (6.72, 7.64)	2.2 (99.43%)	52
Sat-8	17.5	208	34.2	26.7	7.70	1.11	23,529	113.0	125	6.95	6.95 - 33.01 (7.04, 7.54)	2.6 (99.74%)	115
Sun-9	16.8	208	33.0	26.5	7.80	1.12	22,686	109.1	122	6.79	6.79 - 24.31 (6.83, 7.06)	2.2 (99.40%)	50
Mon-10	18.3	207	33.0	26.1	7.77	0.74	22,686	109.6	81	4.53	4.53 - 8.36 (4.70, 6.36)	1.5 (97.13%)	10
Tue-11	18.0	205	34.0	28.0	7.80	1.30	23,373	113.9	148	8.20	8.20 - 25.76 (8.32, 9.00)	2.7 (99.79%)	146
Wed-12	17.5	208	31.4	26.8	7.76	1.14	21,586	103.9	118	6.58	6.58 - 20.37 (6.69, 7.20)	2.3 (99.45%)	55
Thu-13	15.5	212	33.9	27.0	7.80	0.94	23,304	110.0	103	5.72	5.72 - 9.88 (5.79, 7.42)	1.9 (98.66%)	22
Fri-14	16.5	214	34.1	27.1	7.80	1.65	23,473	109.7	181	9.03	9.03 - 22.02 (9.14, 10.01)	3.3 (99.95%)	578
Sat-15	16.3	211	32.8	26.7	7.75	1.30	22,548	106.6	138	7.67	7.67 - 18.20 (7.89, 8.69)	2.7 (99.79%)	145
Sun-16	17.8	203	32.5	26.9	7.75	1.50	22,342	109.8	165	9.15	9.15 - 18.49 (9.18, 9.47)	3.2 (99.94%)	477
Mon-17	16.3	202	33.3	27.2	7.80	1.69	22,892	113.1	191	9.55	9.55 - 19.00 (9.68, 10.95)	3.5 (99.97%)	899
Tue-18	17.3	207	33.0	25.6	7.76	1.41	22,686	109.6	155	8.58	8.58 - 10.17 (8.61, 9.51)	3.0 (99.89%)	279
Wed-19	16.5	203	33.6	26.1	7.76	1.38	23,098	113.8	157	8.73	8.73 - 10.43 (8.79, 9.50)	3.0 (99.90%)	298
Thu-20	17.0	205	33.7	25.0	7.74	1.27	23,167	112.8	143	7.96	7.96 - 13.34 (7.97, 8.32)	2.8 (99.85%)	203
Fri-21	17.5	205	33.6	25.3	7.73	1.23	23,098	112.5	139	7.71	7.71 - 9.29 (7.83, 8.21)	2.8 (99.82%)	169
Sat-22	17.8	206	32.9	24.8	7.80	1.46	22,597	109.5	160	8.00	8.00 - 12.89 (8.11, 9.25)	2.9 (99.87%)	236
Sun-23	18.0	204	31.8	24.4	7.73	1.48	21,861	106.9	158	7.90	7.90 - 12.40 (8.80, 9.35)	3.1 (99.92%)	391
Mon-24	15.0	206	33.4	24.6	7.60	1.20	22,960	111.3	134	7.44	7.44 - 9.59 (7.63, 8.63)	3.1 (99.92%)	358
Tue-25	16.8	206	33.9	25.1	7.70	1.26	23,304	113.2	143	7.93	7.93 - 9.59 (8.00, 8.61)	2.9 (99.89%)	264
Wed-26	16.3	200	30.1	24.1	7.68	1.40	20,692	103.7	145	7.25	7.25 - 10.77 (7.35, 8.47)	3.0 (99.90%)	289
Thu-27	16.8	209	34.3	26.1	7.68	1.36	23,579	112.9	154	8.53	8.53 - 10.35 (8.92, 9.27)	3.3 (99.94%)	534
Fri-28	17.8	200	30.9	24.9	7.60	1.24	21,242	106.3	132	7.32	7.32 - 11.42 (7.42, 8.14)	3.1 (99.91%)	340
Sat-29	15.0	207	34.2	26.3	7.70	1.42	23,510	113.6	161	8.96	8.96 - 11.17 (9.18, 9.80)	3.3 (99.95%)	639
Sun-30	15.0	208	34.3	26.5	7.70	1.20	23,579	113.4	136	7.56	7.56 - 9.85 (7.92, 8.71)	2.8 (99.84%)	193
Mon-31	14.5	206	34.3	25.8	7.68	1.20	23,579	114.7	138	7.66	7.66 - 10.07 (7.70, 8.66)	2.9 (99.88%)	245
Min	14.5	195	25.9	24.1	7.60	0.74	17,805	90.9	81	4.53	1.49	1.5 (97.13%)	10
Median	17.0	207	33.1	26.4	7.76	1.30	22,754	109.7	143	7.86	8.68	2.8 (99.85%)	203
Max	19.0	214	34.5	28.0	7.90	1.69	23,717	114.7	191	9.55	33.01	3.5 (99.97%)	899

Print Name: ALAN MITCHELL

Signature: *Alan Mitchell*

Date: 9-3-21

MONTHLY CHEMICAL DOSAGE SUMMARY SHEET

System Name: Buckingham Water District SN: 1710011 Month/Year: August-21

Source and Combined Filter Flows & Chemical Feed Rate and Dosages													
		Source Water - Inlet to Solids-Contact Upflow Clarifier							Filter Coagulant Aid and Post GAC Disinfection				
		Pre-Disinfection			Coagulants				Filter Aid			Disinfection	
Units:		gpm	mL/min	mg/L	mL/min	mg/L	mL/min	mg/L	gpm	mL/min	mg/L	mL/min	mg/L
Date	Plant Hours Operated	Source Flow	NaOCl	NaOCl	Product 9800	Product 9800	Chemical Type	Chemical Type	CFE Flow	Product Pro Pac 9890	Product Pro Pac 9890	NaOCl	NaOCl
Sat-1	17.0	190	14.0	2.1	17.0	30.8		-	180	3.0	5.7	23.0	3.6
Mon-2	18.3	183	14.0	2.2	17.0	31.9		-	177	3.0	5.8	23.0	3.7
Tue-3	17.5	181	14.0	2.2	17.0	32.2		-	173	3.0	5.9	23.0	3.7
Wed-4	16.2	180	14.0	2.2	17.0	32.5		-	172	3.0	6.0	23.0	3.8
Thu-5	17.0	182	14.0	2.2	17.0	32.1		-	175	3.0	5.9	23.0	3.7
Fri-6	18.4	183	14.0	2.2	17.0	31.9		-	176	3.0	5.9	23.0	3.7
Sat-7	18.7	182	15.0	2.3	17.0	32.1		-	173	3.0	6.0	27.0	4.4
Sun-8	18.1	185	15.0	2.3	17.0	31.5		-	176	3.0	5.8	27.0	4.3
Mon-9	17.5	188	15.0	2.3	17.0	31.1		-	176	3.0	5.9	27.0	4.3
Tue-10	17.6	180	15.0	2.3	17.0	32.4		-	174	3.0	5.9	27.0	4.4
Wed-11	18.5	187	15.0	2.3	17.0	31.2		-	175	3.0	5.9	27.0	4.4
Thu-12	16.3	182	20.0	3.1	17.0	32.0		-	172	3.0	6.0	40.0	6.6
Fri-13	17.2	188	20.0	3.0	17.0	31.1		-	174	3.0	5.9	46.0	7.5
Sat-14	15.6	186	20.0	3.0	17.0	31.4		-	173	3.0	6.0	28.0	4.6
Sun-15	17.0	192	20.0	2.9	17.0	30.5		-	175	3.0	5.9	44.0	7.1
Mon-16	17.3	188	26.0	3.9	17.0	31.0		-	174	3.0	5.9	44.0	7.1
Tue-17	17.0	184	26.0	4.0	17.0	31.8		-	173	3.0	6.0	26.0	4.3
Wed-18	17.3	189	26.0	3.9	17.0	31.0		-	175	3.0	5.9	29.0	4.7
Thu-19	16.3	188	16.0	2.4	17.0	31.1		-	173	3.0	6.0	23.0	3.8
Fri-20	16.9	186	16.0	2.4	17.0	31.4		-	172	3.0	6.0	26.0	4.3
Sat-21	17.1	183	16.0	2.5	17.0	31.8		-	170	3.0	6.1	26.0	4.3
Sun-22	17.8	186	16.0	2.4	17.0	31.4		-	171	3.0	6.0	26.0	4.3
Mon-23	18.0	184	16.0	2.5	17.0	31.8		-	172	3.0	6.0	26.0	4.3
Tue-24	17.3	184	20.0	3.1	17.0	31.7		-	168	3.0	6.1	26.0	4.4
Wed-25	15.7	185	20.0	3.0	17.0	31.5		-	169	3.0	6.1	29.0	4.8
Thu-26	14.5	189	20.0	3.0	17.0	30.9		-	172	3.0	6.0	29.0	4.8
Fri-27	18.8	185	20.0	3.1	17.0	31.6		-	169	3.0	6.1	23.0	3.8
Sat-28	15.2	183	20.0	3.1	17.0	31.8		-	169	3.0	6.1	26.0	4.3
Sun-29	18.1	196	20.0	2.9	17.0	29.8		-	176	3.0	5.8	26.0	4.2
Mon-30	15.6	193	20.0	2.9	17.0	30.2		-	180	3.0	5.7	26.0	4.1
Tue-31	14.5	194	20.0	2.9	17.0	30.2		-	176	3.0	5.9	26.0	4.2

5 th	14.9	181	14.0	2.2	17.0	30.2	-	-	169	3.0	5.8	23.0	3.7
25 th	16.3	183	15.0	2.3	17.0	31.0	-	-	172	3.0	5.9	24.5	4.0
50 th	17.2	185	16.0	2.5	17.0	31.5	-	-	173	3.0	5.9	26.0	4.3
75 th	17.9	188	20.0	3.0	17.0	31.9	-	-	176	3.0	6.0	27.5	4.5
95 th	18.6	193	26.0	3.9	17.0	32.3	-	-	178	3.0	6.1	44.0	7.1

Comments:

Name (Print):

ALAN MITCHELL

Signature:

*Alan Mitchell*

9-3-21

# Buckingham Park Water District

## 8 21 Water Plant Log revised 2.27.2020

Date & Time	Oper. Initials	Read (Last Day Last)	Raw Water Hours						Raw Water Flow					Less Backwash		Recycle Flow				Net Raw Water Flow	
			P-1 Read			P-2 Read			Raw Water Motor	Daily Raw Water Flow	MGD	Raw Water Flow M-T-D	Raw Water Flow gpm	Daily Combined Filter Backwash Flow	MTD Combined Filter Backwash Flow	Read	Backwash Recycle Gallons	% Of Daily Flow	M-T-D	Total Raw Water Gallons Daily	Total Raw Water Gallons MTD
			11,074	P-1 Hours	MTD	108,563	P-2 Hours	MTD													
1	7:20	WR	11,171	9.7	9.7	108,637	7.4	7.4	1,484,703	194,500	0.195	194,500	189.6	13,680	13,680	118,897	210	0.1%	210	194,290	194,290
2	7:19	WR	11,288	11.7	21.4	108,704	6.7	14.1	1,486,726	202,300	0.202	396,800	183.2	13,680	27,360	119,010	1,130	0.7%	1,340	201,170	395,460
3	7:18	WR	11,411	12.3	33.7	108,758	5.4	19.5	1,488,653	192,700	0.193	589,500	181.5	20,760	48,120	119,120	1,100	0.7%	2,440	191,600	587,060
4	7:30	AM	11,512	10.1	43.8	108,819	6.1	25.6	1,490,401	174,800	0.175	764,300	179.8	13,680	61,800	119,149	290	0.2%	2,730	174,510	761,570
5	7:30	AM	11,594	8.2	52.0	108,909	9.0	34.6	1,492,277	187,600	0.188	951,900	181.8	13,680	75,480	119,201	520	0.3%	3,250	187,080	948,650
6	7:30	AM	11,780	18.6	70.6	108,909	0.0	34.6	1,494,317	204,000	0.204	1,155,900	182.8	13,680	89,160	119,279	780	0.5%	4,030	203,220	1,151,870
7	7:30	AM	11,891	11.1	81.7	108,985	7.6	42.2	1,496,357	204,000	0.204	1,359,900	181.8	13,680	102,840	119,469	1,900	1.2%	5,930	202,100	1,353,970
8	7:29	WR	12,022	13.1	94.8	109,037	5.2	47.4	1,498,392	203,500	0.204	1,563,400	185.3	20,280	123,120	119,563	940	0.6%	6,870	202,560	1,556,530
9	7:19	WR	12,112	9.0	103.8	109,122	8.5	55.9	1,500,365	197,300	0.197	1,760,700	187.9	13,680	136,800	119,650	870	0.6%	7,740	196,430	1,752,960
10	7:30	AM	12,223	11.1	114.9	109,189	6.7	62.6	1,502,291	192,600	0.193	1,953,300	180.3	13,680	150,480	119,746	960	0.6%	8,700	191,640	1,944,600
11	7:30	AM	12,335	11.2	126.1	109,261	7.2	69.8	1,504,355	206,400	0.206	2,159,700	187.0	13,680	164,160	119,791	450	0.3%	9,150	205,950	2,150,550
12	7:15	AM	12,405	7.0	133.1	109,356	9.5	79.3	1,506,160	180,500	0.181	2,340,200	182.3	13,680	177,840	119,910	1,190	0.9%	10,340	179,310	2,329,860
13	7:30	AM	12,532	12.7	145.8	109,401	4.5	83.8	1,508,100	194,000	0.194	2,534,200	188.0	13,680	191,520	119,941	310	0.2%	10,650	193,690	2,523,550
14	7:30	AM	12,631	9.9	155.7	109,460	5.9	89.7	1,509,862	176,200	0.176	2,710,400	185.9	13,680	205,200	120,177	2,360	1.7%	13,010	173,840	2,697,390
15	7:26	WR	12,696	6.5	162.2	109,566	10.6	100.3	1,511,829	196,700	0.197	2,907,100	191.7	20,760	225,960	120,381	2,040	1.4%	15,050	194,660	2,892,050
16	7:36	WR	12,781	8.5	170.7	109,655	8.9	109.2	1,513,793	196,400	0.196	3,103,500	188.1	13,680	239,640	120,614	2,330	1.5%	17,380	194,070	3,086,120
17	7:30	AM	12,916	13.5	184.2	109,692	3.7	112.9	1,515,687	189,400	0.189	3,292,900	183.5	13,680	253,320	120,795	1,810	1.2%	19,190	187,590	3,273,710
18	7:30	AM	13,011	9.5	193.7	109,771	7.9	120.8	1,517,656	196,900	0.197	3,489,800	188.6	13,680	267,000	120,950	1,550	1.1%	20,740	195,350	3,469,060
19	7:30	AM	13,109	9.8	203.5	109,836	6.5	127.3	1,519,490	183,400	0.183	3,673,200	187.5	13,680	280,680	121,092	1,420	1.0%	22,160	181,980	3,651,040
20	7:30	AM	13,115	0.6	204.1	110,000	16.4	143.7	1,521,387	189,700	0.190	3,862,900	186.0	13,680	294,360	121,157	650	0.5%	22,810	189,050	3,840,090
21	7:30	AM	13,174	5.9	210.0	110,112	11.2	154.9	1,523,269	188,200	0.188	4,051,100	183.4	13,680	308,040	121,281	1,240	0.9%	24,050	186,960	4,027,050
22	7:19	WR	13,270	9.6	219.6	110,195	8.3	163.2	1,525,267	199,800	0.200	4,250,900	186.0	13,680	321,720	121,293	120	0.1%	24,170	199,680	4,226,730
23	7:21	WR	13,378	10.8	230.4	110,270	7.5	170.7	1,527,285	201,800	0.202	4,452,700	183.8	20,280	342,000	121,314	210	0.1%	24,380	201,590	4,428,320
24	7:30	AM	13,418	4.0	234.4	110,403	13.3	184.0	1,529,196	191,100	0.191	4,643,800	184.1	13,680	355,680	121,387	730	0.5%	25,110	190,370	4,618,690
25	7:30	AM	13,476	5.8	240.2	110,503	10.0	194.0	1,530,951	175,500	0.176	4,819,300	185.1	13,680	369,360	121,420	330	0.3%	25,440	175,170	4,793,860
26	7:30	AM	13,523	4.7	244.9	110,602	9.9	203.9	1,532,607	165,600	0.166	4,984,900	189.0	13,680	383,040	121,534	1,140	0.8%	26,580	164,460	4,958,320
27	7:30	AM	13,579	5.6	250.5	110,734	13.2	217.1	1,534,691	208,400	0.208	5,193,300	184.8	13,680	396,720	121,651	1,170	0.9%	27,750	207,230	5,165,550
28	7:30	AM	13,664	8.5	259.0	110,803	6.9	224.0	1,536,385	169,400	0.169	5,362,700	183.3	13,680	410,400	121,813	1,620	1.2%	29,370	167,780	5,333,330
29	7:30	WR	13,791	12.7	271.7	110,857	5.4	229.4	1,538,513	212,800	0.213	5,575,500	195.9	13,680	424,080	122,008	1,950	1.3%	31,320	210,850	5,544,180
30	7:27	WR	13,881	9.0	280.7	110,925	6.8	236.2	1,540,344	183,100	0.183	5,758,600	193.1	7,080	431,160	122,250	2,420	1.7%	33,740	180,680	5,724,860
31	7:30	AM	13,939	5.8	286.5	111,012	8.7	244.9	1,542,028	168,400	0.168	5,927,000	193.6	13,680	444,840	122,285	350	0.3%	34,090	168,050	5,892,910
Avg.				9.2			7.9			191,194	0.191	1,000	186.0	14,350			1,100	0.75%		190,094	
Min.				0.6			0.0			165,600	0.166		179.8	7,080			120	0.08%		164,460	
Max.				18.6	286.5		16.4	244.9		212,800	0.213	5,927,000	195.9	20,760	444,840		2,420	1.74%	34,090	210,850	5,892,910

Buckingham Park Water District  
8 21 Water Plant Log revised 2.27.2020

**Filter #1**

Date	Filtering Hours & Flows						Backwash Frequencies & Flows					Surface Wash Flows			
	F1 Hour Meter Read (Last Day/Last Mo)	Daily Hours	F1 Flow Meter Daily Flow	GPM	Month to Date Flow	Daily Max. Filter Load Rate	No. of Backwashes/Day	Minutes Per Backwash	Peak Backwash Flow Rate	Backwash Volume	SW Flow Meter Read	Daily Flow	Read GPM	Month to Date Flow	
1	384,939	17.0	1,296,320	91,700	89.9	91,700	1.8	1	8	885	7,080	123,425	430	86	430
2	385,122	18.3	1,297,287	96,700	88.1	188,400	1.8	1	8	885	7,080	123,468	430	86	860
3	385,297	17.5	1,298,187	90,000	85.7	278,400	1.7	2	16	885	14,160	123,554	860	172	1,720
4	385,459	16.2	1,299,020	83,300	85.7	361,700	1.7	1	8	885	7,080	123,597	430	86	2,150
5	385,629	17.0	1,299,904	88,400	86.7	450,100	1.7	1	8	885	7,080	123,640	430	86	2,580
6	385,813	18.4	1,300,876	97,200	88.0	547,300	1.8	1	8	885	7,080	123,682	420	84	3,000
7	386,000	18.7	1,301,850	97,400	86.8	644,700	1.7	1	8	885	7,080	123,724	420	84	3,420
8	386,181	18.1	1,302,817	96,700	89.0	741,400	1.8	1	8	885	7,080	123,767	430	86	3,850
9	386,356	17.5	1,303,740	92,300	87.9	833,700	1.7	1	8	885	7,080	123,809	420	84	4,270
10	386,532	17.6	1,304,662	92,200	87.3	925,900	1.7	1	8	885	7,080	123,852	430	86	4,700
11	386,717	18.5	1,305,623	96,100	86.6	1,022,000	1.7	1	8	885	7,080	123,895	430	86	5,130
12	386,880	16.3	1,306,464	84,100	86.0	1,106,100	1.7	1	8	885	7,080	123,938	430	86	5,560
13	387,052	17.2	1,307,356	89,200	86.4	1,195,300	1.7	1	8	885	7,080	123,981	430	86	5,990
14	387,208	15.6	1,308,163	80,700	86.2	1,276,000	1.7	1	8	885	7,080	124,024	430	86	6,420
15	387,378	17.0	1,309,047	88,400	86.7	1,364,400	1.7	2	16	885	14,160	124,109	850	170	7,270
16	387,551	17.3	1,309,951	90,400	87.1	1,454,800	1.7	1	8	885	7,080	124,152	430	86	7,700
17	387,721	17.0	1,310,831	88,000	86.3	1,542,800	1.7	1	8	885	7,080	124,195	430	86	8,130
18	387,894	17.3	1,311,742	91,100	87.8	1,633,900	1.7	1	8	885	7,080	124,237	420	84	8,550
19	388,057	16.3	1,312,588	84,600	86.5	1,718,500	1.7	1	8	885	7,080	124,280	430	86	8,980
20	388,226	16.9	1,313,459	87,100	85.9	1,805,600	1.7	1	8	885	7,080	124,323	430	86	9,410
21	388,397	17.1	1,314,326	86,700	84.5	1,892,300	1.7	1	8	885	7,080	124,365	420	84	9,830
22	388,575	17.8	1,315,246	92,000	86.1	1,984,300	1.7	1	8	885	7,080	124,408	430	86	10,260
23	388,755	18.0	1,316,176	93,000	86.1	2,077,300	1.7	1	8	885	7,080	124,450	420	84	10,680
24	388,928	17.3	1,317,044	86,800	83.6	2,164,100	1.7	1	8	885	7,080	124,493	430	86	11,110
25	389,085	15.7	1,317,839	79,500	84.4	2,243,600	1.7	1	8	885	7,080	124,535	420	84	11,530
26	389,230	14.5	1,318,586	74,700	85.9	2,318,300	1.7	1	8	885	7,080	124,578	430	86	11,960
27	389,418	18.8	1,319,539	95,300	84.5	2,413,600	1.7	1	8	885	7,080	124,622	440	88	12,400
28	389,570	15.2	1,320,307	76,800	84.2	2,490,400	1.7	1	8	885	7,080	124,664	420	84	12,820
29	389,751	18.1	1,321,247	94,000	86.6	2,584,400	1.7	1	8	885	7,080	124,706	420	84	13,240
30	389,907	15.6	1,322,085	83,800	89.5	2,668,200	1.8	1	8	885	7,080	124,747	410	82	13,650
31	390,052	14.5	1,322,849	76,400	87.8	2,744,600	1.7	1	8	885	7,080	124,790	430	86	14,080
Avg.		17.0	88,535	86.6		1.7	1	9	7,537		454	91			
Min.		14.5	74,700	83.6		1.7	1	8	7,080		410	82			
Max.	528.3	18.8	97,400	89.9	2,744,600	1.8	2	16	14,160	233,640	860	172	14,080		

Buckingham Park Water District  
8 21 Water Plant Log revised 2.27.2020

**Filter #2**

Date	Read (Last Day Last Mo)	Filtering Hours & Flows					Backwash Frequencies & Flows					Surface Wash Flows			
		F2 Hour Meter	F2 Flow Meter		Daily Flow	GPM	Month to Date Flow	Daily Max. Filter Load Rate	Backwash			SW Flow Meter Read	Daily Flow	Read Flow Rate GPM	Month to Date Flow
			Daily Hours						Minutes Per Backwash	Peak Backwash Flow Rate	Backwash Volume				
	964,008			1,308,282								127,871			
1	964,179	17.1	1,309,205	92,300	90.0	92,300	1.8	1	8	825	6,600	127,910	390	78	390
2	964,362	18.3	1,310,180	97,500	88.8	189,800	1.8	1	8	825	6,600	127,949	390	78	780
3	964,537	17.5	1,311,100	92,000	87.6	281,800	1.7	1	8	825	6,600	127,988	390	78	1,170
4	964,699	16.2	1,311,935	83,500	85.9	365,300	1.7	1	8	825	6,600	128,027	390	78	1,560
5	964,869	17.0	1,312,835	90,000	88.2	455,300	1.8	1	8	825	6,600	128,066	390	78	1,950
6	965,053	18.4	1,313,803	96,800	87.7	552,100	1.7	1	8	825	6,600	128,105	390	78	2,340
7	965,240	18.7	1,314,765	96,200	85.7	648,300	1.7	1	8	825	6,600	128,145	400	80	2,740
8	965,421	18.1	1,315,714	94,900	87.4	743,200	1.7	2	16	825	13,200	128,224	790	158	3,530
9	965,596	17.5	1,316,637	92,300	87.9	835,500	1.7	1	8	825	6,600	128,264	400	80	3,930
10	965,772	17.6	1,317,555	91,800	86.9	927,300	1.7	1	8	825	6,600	128,303	390	78	4,320
11	965,956	18.4	1,318,530	97,500	88.3	1,024,800	1.8	1	8	825	6,600	128,342	390	78	4,710
12	966,119	16.3	1,319,374	84,400	86.3	1,109,200	1.7	1	8	825	6,600	128,381	390	78	5,100
13	966,291	17.2	1,320,276	90,200	87.4	1,199,400	1.7	1	8	825	6,600	128,421	400	80	5,500
14	966,448	15.7	1,321,091	81,500	86.5	1,280,900	1.7	1	8	825	6,600	128,460	390	78	5,890
15	966,618	17.0	1,321,995	90,400	88.6	1,371,300	1.8	1	8	825	6,600	128,499	390	78	6,280
16	966,791	17.3	1,322,897	90,200	86.9	1,461,500	1.7	1	8	825	6,600	128,539	400	80	6,680
17	966,962	17.1	1,323,782	88,500	86.3	1,550,000	1.7	1	8	825	6,600	128,579	400	80	7,080
18	967,135	17.3	1,324,684	90,200	86.9	1,640,200	1.7	1	8	825	6,600	128,617	380	76	7,460
19	967,298	16.3	1,325,526	84,200	86	1,724,400	1.7	1	8	825	6,600	128,657	400	80	7,860
20	967,467	16.9	1,326,396	87,000	85.8	1,811,400	1.7	1	8	825	6,600	128,696	390	78	8,250
21	967,637	17.0	1,327,263	86,700	85.0	1,898,100	1.7	1	8	825	6,600	128,736	400	80	8,650
22	967,816	17.9	1,328,174	91,100	84.8	1,989,200	1.7	1	8	825	6,600	128,775	390	78	9,040
23	967,995	17.9	1,329,094	92,000	85.7	2,081,200	1.7	2	16	825	13,200	128,855	800	160	9,840
24	968,168	17.3	1,329,972	87,800	84.6	2,169,000	1.7	1	8	825	6,600	128,894	390	78	10,230
25	968,325	15.7	1,330,771	79,900	84.8	2,248,900	1.7	1	8	825	6,600	128,933	390	78	10,620
26	968,471	14.6	1,331,526	75,500	86.2	2,324,400	1.7	1	8	825	6,600	128,973	400	80	11,020
27	968,658	18.7	1,332,473	94,700	84.4	2,419,100	1.7	1	8	825	6,600	129,012	390	78	11,410
28	968,810	15.2	1,333,247	77,400	84.9	2,496,500	1.7	1	8	825	6,600	129,052	400	80	11,810
29	968,991	18.1	1,334,221	97,400	89.7	2,593,900	1.8	1	8	825	6,600	129,090	380	76	12,190
30	969,148	15.7	1,335,072	85,100	90.3	2,679,000	1.8	0	-	-	-	129,090	-	-	12,190
31	969,293	14.5	1,335,837	76,500	87.9	2,755,500	1.7	1	8	825	6,600	129,129	390	78	12,580
Avg.		17.0		88,887	86.9		1.7	1	9		7,040		419	84	
Min.		14.5		75,500	84.4		1.7	0	8		6,600		380	76	
Max.	528.5	18.7		97,500	90.3	2,755,500	1.8	2	16		13,200	211,200	800	160	12,580



Buckingham Park Water District  
8 21 Water Plant Log revised 2.27.2020

**Combined**

Date	Read (Last Day Last Mo)	Backwash Flow			Filter Effluent Flow		
		BW Flow Meter Read	BW Basin Flow Rate (Metered GPM)	Daily Flow	Month to Date Flow	Combined Filter Effluent GPM*	Daily Combined Filter Effluent Flow
	718,688						
1	718,797		10,900	10,900	180	184,000	184,000
2	718,905		10,800	21,700	177	194,200	378,200
3	719,068		16,300	38,000	173	182,000	560,200
4	719,178		11,000	49,000	172	166,800	727,000
5	719,286		10,800	59,800	175	178,400	905,400
6	719,394		10,800	70,600	176	194,000	1,099,400
7	719,502		10,800	81,400	173	193,600	1,293,000
8	719,665		16,300	97,700	176	191,600	1,484,600
9	719,774		10,900	108,600	176	184,600	1,669,200
10	719,883		10,900	119,500	174	184,000	1,853,200
11	719,992		10,900	130,400	175	193,600	2,046,800
12	720,102		11,000	141,400	172	168,500	2,215,300
13	720,210		10,800	152,200	174	179,400	2,394,700
14	720,319		10,900	163,100	173	162,200	2,556,900
15	720,482		16,300	179,400	175	178,800	2,735,700
16	720,590		10,800	190,200	174	180,600	2,916,300
17	720,699		10,900	201,100	173	176,500	3,092,800
18	720,809		11,000	212,100	175	181,300	3,274,100
19	720,918		10,900	223,000	173	168,800	3,442,900
20	721,027		10,900	233,900	172	174,100	3,617,000
21	721,136		10,900	244,800	170	173,400	3,790,400
22	721,245		10,900	255,700	171	183,100	3,973,500
23	721,408		16,300	272,000	172	185,000	4,158,500
24	721,518		11,000	283,000	168	174,600	4,333,100
25	721,627		10,900	293,900	169	159,400	4,492,500
26	721,736		10,900	304,800	172	150,200	4,642,700
27	721,844		10,800	315,600	169	190,000	4,832,700
28	721,954		11,000	326,600	169	154,200	4,986,900
29	722,107		15,300	341,900	176	191,400	5,178,300
30	722,160		5,300	347,200	180	168,900	5,347,200
31	722,265		10,500	357,700	176	152,900	5,500,100
Avg.	####	11,539				177,423	
Min.		0	5,300			150,200	
Max.		0	16,300	357,700		194,200	5,500,100

Buckingham Park Water District  
8 21 Water Plant Log revised 2.27.2020

Date	Gross Plant Production Flow					Sodium Hypo-chlorite & H <sub>2</sub> O Flow			(Meter Installed) Clarifier Knock Down & H <sub>2</sub> O Flow			(Metered) Hydrant Flushing H <sub>2</sub> O Flow		(Metered) Filter Surface Wash Flow		(Meter Installed) DB Spicket		Net Plant Production Flow			
	Read	Production Gallons	Million Gallons	Daily Calculated Flow Rate (gpm)	Production Gallons M-T-D	Read	Chem. Makeup Water Daily Flow	Chem. Makeup Water MTD Flow	Read	Clarifier Sprinkler Flow	Month to Date Clarifier	Average Daily Hydrant Flushing Flow	Month to Date Hydrant Flushing Flow	Daily Filter Surface Wash Flow	Month to Date Filter Surface Wash Flow	Read	DB Spicket Flow	Month to Date DB Spicket	Daily Flow Less Treatment Consumption	Million Gallons	MTD Flow Less Treatment Consumption
	Last Day Last Mo																				
	4,737,934					26,840			334,131							56,889					
1	4,739,434	150,000	0.150	208.3	150,000	26,842	15	15	334,439	2,304	2,304	-	-	820	820	56,889	0	-	146,861	0.147	146,861
2	4,741,171	173,700	0.174	209.8	323,700	26,842	0	15	334,743	2,274	4,578	-	-	820	1,640	56,889	0	-	170,606	0.171	317,467
3	4,742,681	151,000	0.151	204.6	474,700	26,844	15	30	335,049	2,289	6,867	-	-	1,250	2,890	56,889	0	-	147,446	0.147	464,913
4	4,744,149	146,800	0.147	205.6	621,500	26,845	7	37	335,354	2,281	9,148	-	-	820	3,710	56,889	0	-	143,691	0.144	608,605
5	4,745,654	150,500	0.151	203.9	772,000	26,852	52	90	335,656	2,259	11,407	-	-	820	4,530	56,889	0	-	147,369	0.147	755,973
6	4,747,259	160,500	0.161	204.2	932,500	26,859	52	142	335,953	2,222	13,629	-	-	810	5,340	56,889	0	-	157,416	0.157	913,389
7	4,748,895	163,600	0.164	206.6	1,096,100	26,878	142	284	336,242	2,162	15,790	-	-	820	6,160	56,889	0	-	160,476	0.160	1,073,865
8	4,750,513	161,800	0.162	210.7	1,257,900	26,955	576	860	336,536	2,199	17,989	-	-	1,220	7,380	56,889	0	-	157,805	0.158	1,231,670
9	4,752,040	152,700	0.153	205.2	1,410,600	26,956	7	868	336,827	2,177	20,166	-	-	820	8,200	56,889	0	-	149,696	0.150	1,381,366
10	4,753,620	158,000	0.158	202.6	1,568,600	26,958	15	883	337,132	2,281	22,447	-	-	820	9,020	56,889	0	-	154,884	0.155	1,536,250
11	4,755,275	165,500	0.166	209.0	1,734,100	26,962	30	913	337,428	2,214	24,662	-	-	820	9,840	56,924	262	262	162,174	0.162	1,698,424
12	4,756,672	139,700	0.140	207.9	1,873,800	26,968	45	957	337,721	2,192	26,853	13,314	13,314	820	10,660	56,924	0	262	123,329	0.123	1,821,753
13	4,758,196	152,400	0.152	206.5	2,026,200	26,969	7	965	338,014	2,192	29,045	-	13,314	830	11,490	56,924	0	262	149,371	0.149	1,971,124
14	4,759,554	135,800	0.136	203.9	2,162,000	26,972	22	987	338,304	2,169	31,214	-	13,314	820	12,310	56,924	0	262	132,788	0.133	2,103,912
15	4,761,005	145,100	0.145	212.1	2,307,100	27,011	292	1,279	338,603	2,237	33,451	-	13,314	1,240	13,550	56,924	0	262	141,332	0.141	2,245,244
16	4,762,603	159,800	0.160	203.3	2,466,900	27,012	7	1,287	338,892	2,162	35,612	-	13,314	830	14,380	56,924	0	262	156,801	0.157	2,402,045
17	4,764,073	147,000	0.147	196.0	2,613,900	27,014	15	1,302	339,171	2,087	37,699	8,228	21,542	830	15,210	56,924	0	262	135,840	0.136	2,537,885
18	4,765,475	140,200	0.140	201.4	2,754,100	27,060	344	1,646	339,448	2,072	39,771	-	21,542	800	16,010	56,924	0	262	136,984	0.137	2,674,869
19	4,766,850	137,500	0.138	202.8	2,891,600	27,063	22	1,668	339,723	2,057	41,828	748	22,290	830	16,840	56,924	0	262	133,843	0.134	2,808,712
20	4,768,278	142,800	0.143	201.7	3,034,400	27,070	52	1,720	340,001	2,079	43,908	-	22,290	820	17,660	56,924	0	262	139,848	0.140	2,948,560
21	4,769,699	142,100	0.142	200.7	3,176,500	27,071	7	1,728	340,268	1,997	45,905	-	22,290	820	18,480	56,924	0	262	139,275	0.139	3,087,835
22	4,771,187	148,800	0.149	205.0	3,325,300	27,095	180	1,907	340,530	1,960	47,865	-	22,290	820	19,300	56,924	0	262	145,841	0.146	3,233,676
23	4,772,787	160,000	0.160	202.0	3,485,300	27,096	7	1,915	340,804	2,050	49,914	-	22,290	1,220	20,520	56,924	0	262	156,723	0.157	3,390,399
24	4,774,222	143,500	0.144	199.3	3,628,800	27,097	7	1,922	341,072	2,005	51,919	-	22,290	820	21,340	56,924	0	262	140,668	0.141	3,531,067
25	4,775,504	128,200	0.128	203.5	3,757,000	27,147	374	2,296	341,326	1,900	53,819	-	22,290	810	22,150	56,924	0	262	125,116	0.125	3,656,183
26	4,776,905	140,100	0.140	203.0	3,897,100	27,149	15	2,311	341,583	1,922	55,741	-	22,290	830	22,980	56,924	0	262	137,333	0.137	3,793,516
27	4,778,278	137,300	0.137	199.0	4,034,400	27,150	7	2,319	341,825	1,810	57,551	-	22,290	830	23,810	56,924	0	262	134,652	0.135	3,928,168
28	4,779,659	138,100	0.138	207.4	4,172,500	27,154	30	2,349	342,076	1,877	59,429	-	22,290	820	24,630	56,924	0	262	135,373	0.135	4,063,540
29	4,781,124	146,500	0.147	203.5	4,319,000	27,158	30	2,379	342,329	1,892	61,321	-	22,290	800	25,430	56,924	0	262	143,778	0.144	4,207,318
30	4,782,554	143,000	0.143	207.2	4,462,000	27,159	7	2,386	342,581	1,885	63,206	-	22,290	410	25,840	56,924	0	262	140,698	0.141	4,348,016
31	4,783,874	132,000	0.132	200.0	4,594,000	27,161	15	2,401	342,824	1,818	65,024	-	22,290	820	26,660	56,924	0	262	129,347	0.129	4,477,363
Avg.		148,194	0.148	204.4			77		2,098		7,430			860			8		144,431		
Min.		128,200	0.128	196.0			0		1,810		748			410			0		123,329		
Max.		173,700	0.174	212.1	4,594,000		576	2,401	2,304	65,024	13,314	22,290		1,250	26,660		262	262	170,606		4,477,363

Buckingham Park Water District  
8 21 Water Plant Log revised 2.27.2020

Zone 1 (High Service Pumps @ Treatment Plant)								Zone 2 (Located at Zone 1 Booster Pump Station)											Zone 3 (Located at Zone 1 Booster Pump Station)												
Hours & Flow Rate								Hours						Flow					Hours						Flow				PSI		
Date	Pump 1 Read	Daily Hours	M-T-D Hours	Pump 2 Read	Daily Hours	M-T-D Hours	Daily Calculated Flow (gpm)	Pump 1 Read	Daily Hours	M-T-D Hours	Pump 2 Read	Daily Hours	M-T-D Hours	Fire Pump Read	Daily Hours	M-T-D Hours	Flow Meter Read	Daily Calculated Flow (gpm)	Daily Flow	M-T-D Flow	Pump 1 Read	Daily Hours	M-T-D Hours	Pump 2 Read	Daily Hours	M-T-D Hours	Flow Meter Read	Daily Calculated	Daily Flow	M-T-D Flow	Pres. In psi
Last Day Last Mo	41,048			142,360				4,176.0			5,778.7			2,755.0			140,933	Daily Calculated Flow (gpm)			6,594.3			2,377.1			786,392	Daily Calculated			
1	41,127	7.9	7.9	142,401	4.1	4.1	208.3	4,176.8	0.8	0.8	5,779.7	1.0	1.0	2,755.0	-	-	141,109	163.0	17,600	17,600	6,594.5	0.2	0.2	2,377.3	0.2	0.2	786,436	183	4,400	4,400	64
2	41,175	4.8	12.7	142,491	9.0	13.1	209.8	4,177.6	0.8	1.6	5,779.8	0.1	1.1	2,755.0	-	0.0	141,207	181.5	9,800	27,400	6,594.8	0.3	0.5	2,377.6	0.3	0.5	786,486	139	5,000	9,400	77
3	41,239	6.4	19.1	142,550	5.9	19.0	204.6	4,178.5	0.9	2.5	5,780.6	0.8	1.9	2,755.0	-	0.0	141,374	163.7	16,700	44,100	6,595.0	0.2	0.7	2,377.8	0.2	0.7	786,524	158	3,800	13,200	67
4	41,308	6.9	26.0	142,600	5.0	24.0	205.6	4,179.4	0.9	3.4	5,781.5	0.9	2.8	2,755.0	-	0.0	141,556	168.5	18,200	62,300	6,595.2	0.2	0.9	2,378.0	0.2	0.9	786,556	133	3,200	16,400	70
5	41,394	8.6	34.6	142,637	3.7	27.7	203.9	4,179.8	0.4	3.8	5,782.6	1.1	3.9	2,755.0	-	0.0	141,701	161.1	14,500	76,800	6,595.5	0.3	1.2	2,378.3	0.3	1.2	786,600	122	4,400	20,800	72
6	41,483	8.9	43.5	142,679	4.2	31.9	204.2	4,181.2	1.4	5.2	5,783.1	0.5	4.4	2,755.0	-	0.0	141,895	170.2	19,400	96,200	6,595.8	0.3	1.5	2,378.7	0.4	1.6	786,662	148	6,200	27,000	78
7	41,560	7.7	51.2	142,734	5.5	37.4	206.6	4,182.0	0.8	6.0	5,784.0	0.9	5.3	2,755.0	-	0.0	142,072	173.5	17,700	113,900	6,596.1	0.3	1.8	2,379.0	0.3	1.9	786,714	144	5,200	32,200	75
8	41,610	5.0	56.2	142,812	7.8	45.2	210.7	4,182.9	0.9	6.9	5,784.9	0.9	6.2	2,755.0	-	0.0	142,254	168.5	18,200	132,100	6,596.5	0.4	2.2	2,379.3	0.3	2.2	786,775	145	6,100	38,300	66
9	41,676	6.6	62.8	142,870	5.8	51.0	205.2	4,183.8	0.9	7.8	5,785.8	0.9	7.1	2,755.0	-	0.0	142,434	166.7	18,000	150,100	6,596.8	0.3	2.5	2,379.6	0.3	2.5	786,827	144	5,200	43,500	63
10	41,760	8.4	71.2	142,916	4.6	55.6	202.6	4,184.7	0.9	8.7	5,786.7	0.9	8.0	2,755.0	-	0.0	142,613	165.7	17,900	168,000	6,597.0	0.2	2.7	2,379.8	0.2	2.7	786,861	142	3,400	46,900	61
11	41,853	9.3	80.5	142,955	3.9	59.5	209.0	4,185.6	0.9	9.6	5,787.4	0.7	8.7	2,755.0	-	0.0	142,776	169.8	16,300	184,300	6,597.2	0.2	2.9	2,380.1	0.3	3.0	786,897	120	3,600	50,500	68
12	41,899	4.6	85.1	143,021	6.6	66.1	207.9	4,186.5	0.9	10.5	5,788.3	0.9	9.6	2,755.0	-	0.0	142,956	166.7	18,000	202,300	6,597.5	0.3	3.2	2,380.4	0.3	3.3	786,948	142	5,100	55,600	82
13	41,951	5.2	90.3	143,092	7.1	73.2	206.5	4,187.4	0.9	11.4	5,788.9	0.6	10.2	2,755.0	-	0.0	143,104	164.4	14,800	217,100	6,597.9	0.4	3.6	2,380.7	0.3	3.6	787,016	162	6,800	62,400	77
14	42,002	5.1	95.4	143,152	6.0	79.2	203.9	4,188.3	0.9	12.3	5,789.8	0.9	11.1	2,755.0	-	0.0	143,288	170.4	18,400	235,500	6,598.1	0.2	3.8	2,381.0	0.3	3.9	787,052	120	3,600	66,000	63
15	42,048	4.6	100.0	143,220	6.8	86.0	212.1	4,189.2	0.9	13.2	5,790.7	0.9	12.0	2,755.0	-	0.0	143,467	165.7	17,900	253,400	6,598.4	0.3	4.1	2,381.2	0.2	4.1	787,091	130	3,900	69,900	66
16	42,117	6.9	106.9	143,282	6.2	92.2	203.3	4,189.8	0.6	13.8	5,791.6	0.9	12.9	2,755.0	-	0.0	143,612	161.1	14,500	267,900	6,598.8	0.4	4.5	2,381.6	0.4	4.5	787,160	144	6,900	76,800	64
17	42,183	6.6	113.5	143,341	5.9	98.1	196.0	4,190.2	0.4	14.2	5,792.6	1.0	13.9	2,755.0	-	0.0	143,754	169.0	14,200	282,100	6,598.9	0.1	4.6	2,381.8	0.2	4.7	787,190	167	3,000	79,800	61
18	42,228	4.5	118.0	143,412	7.1	105.2	201.4	4,191.1	0.9	15.1	5,793.6	1.0	14.9	2,755.0	-	0.0	143,946	168.4	19,200	301,300	6,599.2	0.3	4.9	2,382.0	0.2	4.9	787,232	140	4,200	84,000	66
19	42,285	5.7	123.7	143,468	5.6	110.8	202.8	4,191.9	0.8	15.9	5,794.5	0.9	15.8	2,755.0	-	0.0	144,122	172.5	17,600	318,900	6,599.4	0.2	5.1	2,382.3	0.3	5.2	787,271	130	3,900	87,900	68
20	42,352	6.7	130.4	143,519	5.1	115.9	201.7	4,192.8	0.9	16.8	5,795.5	1.0	16.8	2,755.0	-	0.0	144,303	158.8	18,100	337,000	6,599.7	0.3	5.4	2,382.6	0.3	5.5	787,323	144	5,200	93,100	65
21	42,414	6.2	136.6	143,575	5.6	121.5	200.7	4,193.6	0.8	17.6	5,796.4	0.9	17.7	2,755.0	-	0.0	144,479	172.5	17,600	354,600	6,599.9	0.2	5.6	2,382.7	0.1	5.6	787,351	156	2,800	95,900	75
22	42,496	8.2	144.8	143,614	3.9	125.4	205.0	4,194.4	0.8	18.4	5,797.3	0.9	18.6	2,755.0	-	0.0	144,652	169.6	17,300	371,900	6,600.1	0.2	5.8	2,382.9	0.2	5.8	787,382	129	3,100	99,000	66
23	42,554	5.8	150.6	143,688	7.4	132.8	202.0	4,195.3	0.9	19.3	5,797.3	-	18.6	2,755.0	-	0.0	144,742	166.7	9,000	380,900	6,600.3	0.2	6.0	2,383.2	0.3	6.1	787,431	163	4,900	103,900	62
24	42,626	7.2	157.8	143,736	4.8	137.6	199.3	4,196.2	0.9	20.2	5,798.0	0.7	19.3	2,755.0	-	0.0	144,904	168.8	16,200	397,100	6,600.6	0.3	6.3	2,383.4	0.2	6.3	787,469	127	3,800	107,700	67
25	42,690	6.4	164.2	143,777	4.1	141.7	203.5	4,196.2	-	20.2	5,798.8	0.8	20.1	2,755.0	-	0.0	144,986	170.8	8,200	405,300	6,600.9	0.3	6.6	2,383.7	0.3	6.6	787,523	150	5,400	113,100	67
26	42,767	7.7	171.9	143,815	3.8	145.5	203.0	4,197.1	0.9	21.1	5,799.7	0.9	21.0	2,755.0	-	0.0	145,166	166.7	18,000	423,300	6,601.1	0.2	6.8	2,384.0	0.3	6.9	787,565	140	4,200	117,300	73
27	42,820	5.3	177.2	143,877	6.2	151.7	199.0	4,197.9	0.8	21.9	5,799.7	-	21.0	2,755.0	-	0.0	145,250	175.0	8,400	431,700	6,601.4	0.3	7.1	2,384.3	0.3	7.2	787,613	133	4,800	122,100	71
28	42,883	6.3	183.5	143,925	4.8	156.5	207.4	4,198.7	0.8	22.7	5,800.7	1.0	22.0	2,755.0	-	0.0	145,427	163.9	17,700	449,400	6,601.7	0.3	7.4	2,384.5	0.2	7.4	787,656	143	4,300	126,400	72
29	42,964	8.1	191.6	143,964	3.9	160.4	203.5	4,199.6	0.9	23.6	5,801.5	0.8	22.8	2,755.0	-	0.0	145,597	166.7	17,000	466,400	6,601.9	0.2	7.6	2,384.8	0.3	7.7	787,695	130	3,900	130,300	60
30	43,021	5.7	197.3	144,022	5.8	166.2	207.2	4,199.9	0.3	23.9	5,802.4	0.9	23.7	2,755.0	-	0.0	145,721	172.2	12,400	478,800	6,602.2	0.3	7.9	2,385.0	0.2	7.9	787,743	160	4,800	135,100	63
31	43,083	6.2	203.5	144,070	4.8	171.0	200.0	4,200.5	0.6	24.5	5,803.3	0.9	24.6	2,755.0	-	0.0	145,869	164.4	14,800	493,600	6,602.3	0.1	8.0	2,385.2	0.2	8.1	787,763	111	2,000	137,100	62
Avg.	6.6			5.5			204.4	0.8			0.8			###			168.0	15,923			0.3			0.3			142	4,423			68
Min	4.5			3.7			126.0	0.3			0.1			0.0			158.8	8,200			0.1			0.1			111	2,000			60
Max	9.3	203.5		9.0	171.0	212.1		1.4	24.5		1.1	24.6		0.0	0.0		181.5	19,400	493,600		0.4	8.0		0.4	8.1		183	6,900	137,100		82

Buckingham Park Water District  
8 21 Water Plant Log revised 2.27.2020

Date	Bulk Inventory				Sodium Hypochlorite-Pre/Secondary Disinfection									Sodium Hypochlorite-Post/Primary Disinfection									Zone 1 3378 West-lake Ct. CL <sub>2</sub> Res.		Zone 1 8405 Palace Dr. CL <sub>2</sub> Res.		Zone 2 200K Gal. Tank CL <sub>2</sub> Res.		Zone 3 100K Gal. Tank CL <sub>2</sub> Res.	
	Bulk CL (total gals on hand)	Daily Total Gals. Used	Total Gals Used MTD		Pre-Clarif. Res. a.m.	Pre-Disinfection Res. a.m.	Pre-Disinfection Res. p.m.	Total Gals Used Daily	Total Gals Used MTD	Pump Setting (speed & stroke)	Wkly Using Calibration Cylinder Calculate Chem. Flow Rate ml/min	gal. per hr.	Dosage mg/L	Pre CL17 Res. a.m.	Pre CL17 Res. p.m.	Post CL17 Res. a.m.	Post CL17 Res. p.m.	Daily Total Gals. Used	Total Gals Used MTD	Pump Setting (speed & stroke)	Wkly Using Calibration Cylinder Calculate Chem. Flow Rate ml/min	gal. per hr.	Dosage mg/L	Added Disinfectant (t=tab & g=gall) Y or N	Amount Added	Added Disinfectant (t=tab & g=gall) Y or N	Amount Added			
1	37	353.9	10.1	10.1	0.66	0.03	0.04	3.7	3.7	10 40	14.0	0.22	2.42	3.88	3.85	1.21	1.31	6.4	6.4	4.5	23.0	0.36	3.96	1.19	1.15	0.71		1.28		
2		342.9	11.0	21.1	1.27	0.04	0.04	4.0	7.7	10 40	14.0	0.22	2.50	4.15	4.25	1.38	1.44	7.0	7.0	4.5	23.0	0.36	4.09	1.53	1.16	0.65		1.19		
3		332.5	10.4	31.5	1.32	0.04	0.05	3.9	11.6	10 40	14.0	0.22	2.53	4.37	4.13	1.48	1.51	6.5	13.5	4.25	23.0	0.36	4.13	1.61	1.23	0.48		1.37		
4		323.6	8.9	40.4	0.92	0.09	0.09	3.4	15.0	10 40	14.0	0.22	2.55	3.34	3.20	1.40	1.28	5.5	19.0	4.25	23.0	0.36	4.17	1.63	1.27	0.47		1.50		
5		312.0	11.6	52.0	0.78	0.05	0.11	3.7	18.7	10 40	14.0	0.22	2.52	2.90	2.50	1.28	1.16	5.9	24.9	4.5	23.0	0.36	4.13	1.41	1.18	0.42	y	2	1.32	
6		300.2	11.8	63.8	0.91	0.07	0.08	4.2	22.9	10 40	14.0	0.22	2.51	4.22	2.73	1.58	1.46	7.6	32.5	4.5	23.0	0.36	4.10	1.60	1.12	1.52		1.65		
7	290	289.3	10.9	74.7	0.77	0.12	0.15	4.0	26.9	10 40	15.0	0.24	2.75	2.94	3.31	1.13	1.21	6.9	39.4	4.75	27.0	0.43	4.93	1.56	1.35	1.33		1.32		
8		277.5	11.8	86.5	0.17	0.06	0.05	4.0	30.9	10 40	15.0	0.24	2.70	2.73	3.14	1.26	1.17	7.8	47.2	4.75	27.0	0.43	4.83	1.40	1.12	1.13		1.28		
9		266.7	10.8	97.3	0.12	0.05	0.04	3.7	34.6	10 40	15.0	0.24	2.66	2.98	3.61	1.13	1.11	7.1	54.3	4.75	27.0	0.43	4.77	1.15	0.96	0.96		1.15		
10		256.2	10.5	107.8	0.90	0.15	0.08	3.5	38.1	10 50	15.0	0.24	2.77	1.84	4.64	0.74	1.12	7.0	61.3	5.5	27.0	0.43	4.97	1.22	0.93	0.87		0.95		
11		241.0	15.2	123.0	0.48	0.10	0.10	4.7	42.8	10 50	15.0	0.24	2.67	4.40	3.64	1.47	1.48	10.5	71.8	5.0	27.0	0.43	4.79	1.29	0.77	0.72		1.21		
12		227.6	13.5	136.5	0.22	0.14	0.07	4.3	47.1	10 50	20.0	0.31	3.54	3.40	3.93	1.12	1.22	7.2	79.0	7.0	40.0	0.63	7.20	1.54	1.17	0.65	y	2	1.22	
13		211.0	16.6	153.1	0.77	0.15	0.22	5.5	52.6	10 50	20.0	0.31	3.44	3.20	4.71	1.02	1.38	11.1	90.1	8.0	46.0	0.73	8.09	1.33	1.01	1.74		1.15		
14	192	195.1	15.9	169.0	0.90	0.09	0.13	5.0	57.6	10 50	20.0	0.31	3.47	4.37	3.77	1.73	1.75	10.9	101.0	8.0	28.0	0.44	4.93	1.75	1.19	1.39		1.85		
15		182.1	13.0	182.0	0.21	0.04	0.05	5.5	63.1	10 50	20.0	0.31	3.37	2.66	4.99	1.40	1.25	7.5	108.5	7.5	44.0	0.70	7.61	1.59	1.39	1.17		1.41		
16		168.1	14.0	196.0	0.33	0.04	0.05	5.8	68.9	20 50	26.0	0.41	4.54	3.31	4.69	1.50	1.51	8.2	116.7	7.5	44.0	0.70	7.75	1.38	1.16	1.07		1.34		
17		151.3	16.8	212.8	1.11	0.11	0.03	6.2	75.1	20 50	26.0	0.41	4.65	2.55	2.84	2.04	1.72	10.6	127.3	4.0	26.0	0.41	4.65	1.77	1.23	0.91		1.71		
18		139.2	12.1	224.9	1.05	0.11	0.04	6.2	81.3	20 50	26.0	0.41	4.53	4.53	4.46	1.39	1.55	5.9	133.2	5.0	29.0	0.46	5.08	1.67	1.49	0.85		1.46		
19		125.9	13.3	238.2	2.08	0.20	0.11	6.0	87.3	10 50	16.0	0.25	2.78	4.12	3.17	1.57	1.51	7.3	140.5	4.0	23.0	0.36	4.00	1.69	1.39	0.78		1.35		
20		438.3	9.6	247.8	0.99	0.07	0.16	4.0	91.3	10 50	16.0	0.25	2.80	3.75	3.51	1.27	1.28	5.6	146.1	4.5	26.0	0.41	4.59	1.57	1.33	0.74		1.31		
21	426	427.2	11.1	258.9	0.28	0.09	0.15	4.2	95.5	10 50	16.0	0.25	2.84	3.44	4.32	1.24	1.39	6.9	153.0	4.5	26.0	0.41	4.66	1.40	1.13	0.64		1.42		
22		415.8	11.4	270.3	0.24	0.02	0.04	4.3	99.8	10 50	16.0	0.25	2.80	3.82	4.06	1.45	1.53	7.1	160.1	4.5	26.0	0.41	4.59	1.60	1.19	0.63		1.31		
23		402.8	13.0	283.3	0.30	0.04	0.03	4.2	104.0	10 50	16.0	0.25	2.83	3.83	3.80	1.49	1.56	6.8	166.9	4.5	26.0	0.41	4.65	1.72	1.33	0.51	y	2	1.47	
24		391.8	11.0	294.3	0.23	0.14	0.13	4.3	108.3	10 50	20.0	0.31	3.51	2.64	3.42	1.31	1.14	6.7	173.6	4.5	26.0	0.41	4.64	1.81	1.36	1.65		1.41		
25		380.2	11.6	305.9	0.47	0.13	0.16	4.6	112.9	10 50	20.0	0.31	3.49	3.88	3.69	1.47	1.36	7.0	180.6	5.0	29.0	0.46	5.18	1.33	1.06	1.48		1.28		
26		370.0	10.2	316.1	0.62	0.12	0.06	4.1	117.0	10 50	20.0	0.31	3.42	4.36	4.14	1.40	1.49	6.1	186.7	5.0	29.0	0.46	5.07	1.46	1.22	1.33		1.43		
27		358.0	12.0	328.1	0.80	0.07	0.10	5.3	122.3	10 50	20.0	0.31	3.50	3.71	3.68	1.45	1.46	6.7	193.4	4.0	23.0	0.36	4.06	1.59	1.49	1.20		1.43		
28	346	348.7	9.3	337.4	0.47	0.11	0.12	4.2	126.5	10 50	20.0	0.31	3.52	2.47	3.60	1.27	1.40	5.1	198.5	4.5	26.0	0.41	4.66	1.66	1.46	1.15		1.47		
29		335.6	13.1	350.5	0.83	0.03	0.03	5.2	131.7	10 50	20.0	0.31	3.30	3.66	3.70	1.54	1.51	7.9	206.4	4.5	26.0	0.41	4.36	1.63	1.24	1.02		1.47		
30		325.4	10.2	360.7	0.84	0.03	0.10	4.2	135.9	10 50	20.0	0.31	3.34	2.94	3.77	1.33	1.31	6.0	212.4	4.5	26.0	0.41	4.42	1.57	1.44	0.94		1.35		
31	312	315.8	9.6	370.3	0.61	0.08	0.06	4.0	139.9	10 50	20.0	0.31	3.34	3.36	3.15	1.36	1.34	5.6	218.0	4.5	26.0	0.41	4.41	1.37	1.16	0.78		1.17		
Avg.		11.94			0.70	0.08	0.09	4.51			18.0	0.28	3.15	3.48	3.75	1.37	1.38	7.24			28.0	0.44	4.95	1.52	1.22	0.96		2.0	1.36	####
Min.	312	8.90			0.12	0.02	0.03	3.40			14.0	0.22	2.42	1.84	2.50	0.74	1.11	5.10			23.0	0.36	3.96	1.15	0.77	0.42		2.00	0.95	0.00
Max.		16.80	370.25		2.08	0.20	0.22	6.20	139.85		26.0	0.41	4.65	4.53	4.99	2.04	1.75	11.10	224.40		46.0	0.73	8.09	1.81	1.49	1.74		2.00	1.85	0.00

Buckingham Park Water District  
8 21 Water Plant Log revised 2.27.2020

Nethelometric Turbidity Units

CT Criteria

Coagulant Usage

Coagulant Aid Usage

Date	Raw NTU (Peak)		Settled NTU (Peak)		Com- bined Filter Effluent NTU (Peak)	Com- bined Filter Effluent NTU (Peak)	Recycle Basin Effluent NTU (Peak)	Post- Clearwell Water Temp. a.m.	Raw Water pH a.m.	Finished Water pH a.m.	Raw Water Manganese mg/L	Finished Water Manganese mg/L	Raw Water Ammonia mg/L	Clear- well Low Level 9:00 am-9:00 a.m.	9800 Coag. On Hand (gallons)	Daily Total Gals. Used	Total Gals. Used MTD	Pump Setting (speed & stroke)	Pump Flow Rate (Wily Using Calib. Cyl. Determine Chem. Flow Rate)	gal. per hr.	Dosage mg/L	9890 Coag. Aid On Hand (gallons)	Daily Total Gals. Used	Total Gals. Used MTD	Pump Setting (speed & stroke)	Pump Flow Rate (Wily Using Calib. Cyl. Determine Chem. Flow Rate)	gal. per hr.	Dosage mg/L		
	a.m.	p.m.	a.m.	p.m.	a.m.	p.m.	p.m.	a.m.	a.m.	a.m.	mg/L	mg/L	mg/L	a.m.	240.0			ml/min			11.0			ml/min			ml/min			
1	4.50	4.80	1.16	0.57	0.04	0.03	2.18	27	8.4	7.8	0.24	0.03	0.27	32.4	235.4	4.62	4.6	30/80	17.0	0.27	30.86	10.3	0.68	0.7	10/25	3.0	0.04	4.57		
2	7.90	10.40	1.57	1.04	0.04	0.03	6.48	26	8.9	7.8				31.3	230.4	4.97	9.6	30/80	17.0	0.27	31.92	9.6	0.74	1.4	10/25	3.0	0.04	4.73		
3	8.10	6.50	1.40	1.77	0.03	0.06	5.20	26	8.8	7.9				31.9	225.6	4.78	14.4	30/80	17.0	0.27	32.24	8.9	0.71	2.1	10/25	3.0	0.04	4.78		
4	5.40	5.50	1.16	1.01	0.03	0.04	3.40	26	8.6	7.9				32.5	221.3	4.37	18.7	30/80	17.0	0.27	32.53	8.2	0.65	2.8	10/25	3.0	0.04	4.82		
5	5.20	6.30	0.79	0.33	0.03	0.04	2.75	26	8.4	7.9				26.7	216.6	4.64	23.4	30/80	17.0	0.27	32.18	7.5	0.69	3.5	10/25	3.0	0.04	4.77		
6	5.60	4.40	0.54	0.58	0.02	0.03	1.87	26	8.6	7.8				25.7	211.6	5.02	28.4	30/80	17.0	0.27	32.00	6.8	0.74	4.2	10/25	3.0	0.04	4.74		
7	4.60	3.70	0.98	0.74	0.03	0.03	1.74	26	8.6	7.8	0.17	0.03	0.21	29.9	203	206.5	5.05	33.5	30/80	17.0	0.27	32.18	5	6.0	0.75	5.0	10/25	3.0	0.04	4.77
8	3.00	3.20	0.34	0.16	0.03	0.02	2.08	26	8.2	7.8				31.9	201.6	4.94	38.4	30/80	17.0	0.27	31.56	5.3	0.73	5.7	10/25	3.0	0.04	4.68		
9	3.60	2.10	0.48	0.41	0.02	0.05	1.92	26	8.5	7.8				32.6	196.9	4.73	43.1	30/80	17.0	0.27	31.13	4.6	0.70	6.4	10/25	3.0	0.04	4.61		
10	11.60	11.50	0.97	1.23	0.03	0.04	1.91	26	8.7	7.8			0.09	32.2	192.1	4.81	47.9	30/80	17.0	0.27	32.44	3.9	0.71	7.1	10/25	3.0	0.04	4.81		
11	4.10	3.70	1.39	0.96	0.04	0.04	2.77	27	8.4	7.8				31.2	187.1	4.97	52.9	30/80	17.0	0.27	31.29	3.2	0.74	7.8	10/25	3.0	0.04	4.64		
12	4.00	4.00	1.05	0.62	0.03	0.03	4.87	27	8.2	7.8	0.16		0.34	32.3	182.7	4.46	57.3	30/80	17.0	0.27	32.09	2.5	0.66	8.5	10/25	3.0	0.04	4.75		
13	4.10	4.20	0.78	0.61	0.03	0.03	4.16	27	8.5	7.8			0.34	31.0	178.0	4.64	62.0	30/80	17.0	0.27	31.12	1.8	0.69	9.2	10/25	3.0	0.04	4.61		
14	4.40	5.00	0.93	0.61	0.03	0.03	1.87	26	8.3	7.8	0.15	0.05	0.34	31.3	167	173.7	4.27	66.3	30/80	17.0	0.27	31.47	51	51.0	0.63	9.8	10/25	3.0	0.04	4.66
15	4.20	3.50	0.66	0.47	0.03	0.03	1.40	26	8.2	7.8			0.38	31.0	169.1	4.62	70.9	30/80	17.0	0.27	30.51	50.3	0.68	10.5	10/25	3.0	0.04	4.52		
16	3.80	7.50	0.49	0.48	0.02	0.03	1.33	27	8.2	7.8	0.14		0.46	32.2	164.4	4.70	75.6	30/80	17.0	0.27	31.10	49.6	0.70	11.2	10/25	3.0	0.04	4.61		
17	5.90	5.40	0.55	0.56	0.03	0.03	1.60	26	8.5	7.8				32.2	159.8	4.64	80.2	30/80	17.0	0.27	31.88	48.9	0.69	11.9	10/25	3.0	0.04	4.72		
18	6.80	6.00	0.72	0.64	0.03	0.03	1.82	25	8.5	7.8				31.4	155.1	4.70	84.9	30/80	17.0	0.27	31.02	48.2	0.70	12.6	10/25	3.0	0.04	4.60		
19	8.00	5.20	1.85	1.08	0.03	0.04	2.23	25	8.8	7.8				32.6	150.7	4.40	89.3	30/80	17.0	0.27	31.20	47.6	0.65	13.2	10/25	3.0	0.04	4.62		
20	9.60	4.80	2.48	1.32	0.05	0.04	3.28	25	8.9	7.8				32.2	146.1	4.59	93.9	30/80	17.0	0.27	31.45	46.9	0.68	13.9	10/25	3.0	0.04	4.66		
21	5.30	5.30	1.29	0.97	0.04	0.04	2.99	25	8.3	7.8	0.08	0.06	0.26	32.1	135	141.5	4.62	98.5	30/80	17.0	0.27	31.89	45	46.2	0.68	14.6	10/25	3.0	0.04	4.72
22	3.20	5.80	1.15	0.61	0.03	0.03	2.00	24	8.2	7.8				32.4	136.6	4.83	103.4	30/80	17.0	0.27	31.45	45.5	0.72	15.3	10/25	3.0	0.04	4.66		
23	5.20	3.50	0.93	0.48	0.03	0.03	1.60	25	8.1	7.7				31.6	131.7	4.94	108.3	30/80	17.0	0.27	31.83	44.8	0.73	16.0	10/25	3.0	0.04	4.72		
24	2.90	4.20	0.67	0.39	0.02	0.02	1.30	24	8.1	7.7			0.43	31.6	127.0	4.67	113.0	30/80	17.0	0.27	31.78	44.1	0.69	16.7	10/25	3.0	0.04	4.71		
25	3.00	5.00	0.49	0.35	0.02	0.03	2.78	24	8.1	7.7				32.2	122.8	4.27	117.2	30/80	17.0	0.27	31.60	43.4	0.63	17.4	10/25	3.0	0.04	4.68		
26	4.40	4.70	0.75	0.52	0.03	0.02	2.22	24	8.2	7.7			0.32	32.8	118.8	3.94	121.2	30/80	17.0	0.27	30.95	42.8	0.58	18.0	10/25	3.0	0.04	4.58		
27	3.40	3.10	0.47	0.35	0.02	0.03	1.58	24	8.1	7.7				29.6	113.7	5.08	126.3	30/80	17.0	0.27	31.66	42.1	0.75	18.7	10/25	3.0	0.04	4.69		
28	3.00	3.50	0.50	0.42	0.02	0.02	1.14	25	8.1	7.7	0.18	0.06	0.15	32.9	100	109.6	4.16	130.4	30/80	17.0	0.27	31.91	39	41.5	0.62	19.3	10/25	3.0	0.04	4.73
29	3.50	4.00	0.58	0.36	0.03	0.03	1.33	25	8.2	7.6				30.7	104.7	4.89	135.3	30/80	17.0	0.27	29.85	40.8	0.72	20.0	10/25	3.0	0.04	4.42		
30	4.00	3.90	0.83	0.48	0.02	0.03	1.58	25	8.2	7.7				33.5	100.4	4.27	139.6	30/80	17.0	0.27	30.29	40.1	0.63	20.7	10/25	3.0	0.04	4.49		
31	3.70	2.90	0.58	0.38	0.03	0.03	2.04	25	7.91	7.68					87	96.5	3.92	143.5	30/80	17.0	0.27	30.22	38	39.5	0.58	21.3	10/25	3.0	0.04	4.48
Avg.	5.03	4.95	0.92	0.66	0.03	0.03	2.43	26	8.4	7.8	0.2	0.0		31.5		4.63			17.0	0.27	31.47		0.69				3.0	0.04	4.66	
Min	2.90	2.10	0.34	0.16	0.02	0.02	1.14	24	7.9	7.6	0.1	0.0		25.7		3.92			17.0	0.27	29.85		0.58				3.0	0.04	4.42	
Max	11.60	11.50	2.48	1.77	0.05	0.06	6.48	27	8.9	7.9	0.2	0.1		33.5		5.08	143.48			17.0	0.27	32.53		0.75	21.26			3.0	0.04	4.82

# Buckingham Park Water District

8 21 Water Plant Log revised 2.27.2020

Date	1				2				3				4				5			
	Hyd. #	Begin Read	End Read	Flow (cf)	Hyd. #	Begin Read	End Read	Flow (cf)	Hyd. #	Begin Read	End Read	Flow (cf)	Hyd. #	Begin Read	End Read	Flow (cf)	Hyd. #	Begin Read	End Read	Flow (cf)
1				0				0				0				0				0
2				0				0				0				0				0
3				0				0				0				0				0
4				0				0				0				0				0
5				0				0				0				0				0
6				0				0				0				0				0
7				0				0				0				0				0
8				0				0				0				0				0
9				0				0				0				0				0
10				0				0				0				0				0
11				0				0				0				0				0
12	22	352630	353230	600	24	353230	353380	150	15	353380	354330	950	58	354330	354410	80				0
13				0				0				0				0				0
14				0				0				0				0				0
15				0				0				0				0				0
16				0				0				0				0				0
17	57	354410	355310	900	63	355310	355510	200				0				0				0
18				0				0				0				0				0
19	27	355510	355610	100				0				0				0				0
20				0				0				0				0				0
21				0				0				0				0				0
22				0				0				0				0				0
23				0				0				0				0				0
24				0				0				0				0				0
25				0				0				0				0				0
26				0				0				0				0				0
27				0				0				0				0				0
28				0				0				0				0				0
29				0				0				0				0				0
30				0				0				0				0				0
31				0				0				0				0				0
				1600				350				950				80				0

Buckingham Park Water District  
8 21 Water Plant Log revised 2.27.2020

Date	11				12				13				14				15				Total Daily Hydrant Flow (gals)	Total MTD Hydrant Flow (gals)
	Hyd. #	Begin Read	End Read	Flow (cf)	Hyd. #	Begin Read	End Read	Flow (cf)	Hyd. #	Begin Read	End Read	Flow (cf)	Hyd. #	Begin Read	End Read	Flow (cf)	Hyd. #	Begin Read	End Read	Flow (cf)		
1				0				0				0				0				0	0	0
2				0				0				0				0				0	0	0
3				0				0				0				0				0	0	0
4				0				0				0				0				0	0	0
5				0				0				0				0				0	0	0
6				0				0				0				0				0	0	0
7				0				0				0				0				0	0	0
8				0				0				0				0				0	0	0
9				0				0				0				0				0	0	0
10				0				0				0				0				0	0	0
11				0				0				0				0				0	0	0
12				0				0				0				0				0	13,314	13,314
13				0				0				0				0				0	0	13,314
14				0				0				0				0				0	0	13,314
15				0				0				0				0				0	0	13,314
16				0				0				0				0				0	0	13,314
17				0				0				0				0				0	8,228	21,542
18				0				0				0				0				0	0	21,542
19				0				0				0				0				0	748	22,290
20				0				0				0				0				0	0	22,290
21				0				0				0				0				0	0	22,290
22				0				0				0				0				0	0	22,290
23				0				0				0				0				0	0	22,290
24				0				0				0				0				0	0	22,290
25				0				0				0				0				0	0	22,290
26				0				0				0				0				0	0	22,290
27				0				0				0				0				0	0	22,290
28				0				0				0				0				0	0	22,290
29				0				0				0				0				0	0	22,290
30				0				0				0				0				0	0	22,290
31				0				0				0				0				0	0	22,290
				0				0				0				0				0	22,290	22,290

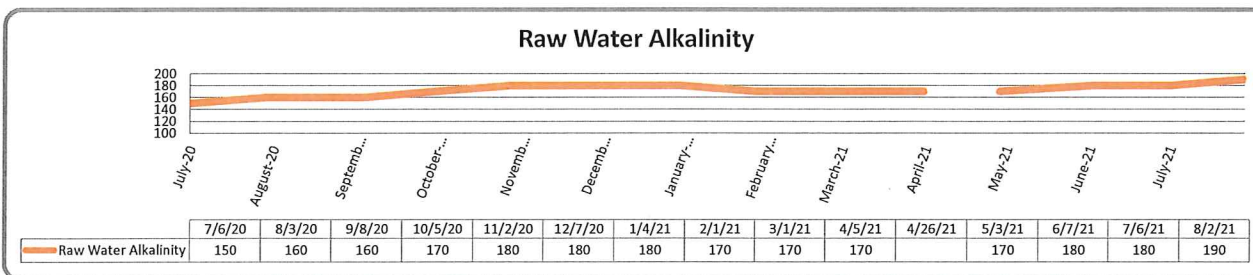
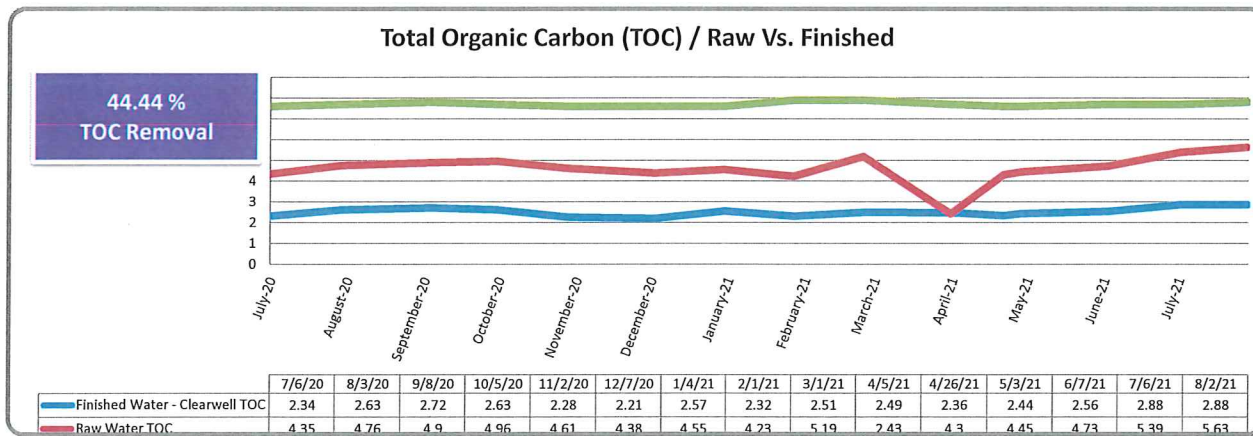
	2/22/21	3/8/21	3/22/21	4/5/21	4/19/21	5/3/20	5/17/21	6/1/21	6/14/21	6/28/21	7/12/21	7/26/21	8/9/21	8/23/21
<b>2570 Westlake Dr.</b>														
Total Coliforms	Absent			Absent			Absent			Absent			Absent	
E.Coli	Absent			Absent			Absent			Absent			Absent	
<b>2295 Westlake Drive</b>														
Total Coliforms			Absent			Absent			Absent			Absent		
E.Coli			Absent			Absent			Absent			Absent		
<b>3378 Westlake Court</b>														
Total Coliforms		Absent			Absent			Absent			Absent			Absent
E.Coli		Absent			Absent			Absent			Absent			Absent
<b>Raw Water Intake</b>														
Total Coliforms		39.3		8.6		870.4		>2419.6		1299.7		1986.3		>2419.6
E.Coli		2		ND		ND		2		ND		ND		ND
MPN/ 100 mg/L														
ND=Non Detected														
<b>Special Testing Site</b>														
Total Coliforms														
E.Coli														
MPN/ 100MG/L														

LT2 sampling every 2 weeks beginning 10/2017



BUCKINGHAM PARK WATER DISTRICT TOTAL ORGANIC CARBON (TOC) & ALKALINITY RESULTS	7/6/20	8/3/20	9/8/20	10/5/20	11/2/20	12/7/20	1/4/21	2/1/21	3/1/21	4/5/21	4/26/21	5/3/21	6/7/21	7/6/21	8/2/21
<b>Raw Water TOC</b> Total Organic Carbon (TOC) <i>(Detection Level Required: 0.30mg/L)</i>	4.35	4.76	4.9	4.96	4.61	4.38	4.55	4.23	5.19	2.43	4.3	4.45	4.73	5.39	5.63
<b>Raw Water Alkalinity</b>	150	160	160	170	180	180	180	170	170	170		170	180	180	190
<b>Finished Water PH</b>	7.6	7.7	7.8	7.7	7.6	7.6	7.6	7.9	7.9	7.7	7.6	7.6	7.7	7.7	7.8
<b>Finished Water - Clearwell TOC</b> Total Organic Carbon (TOC) <i>(Detection Level Required: 0.30mg/L)</i>	2.34	2.63	2.72	2.63	2.28	2.21	2.57	2.32	2.51	2.49	2.36	2.44	2.56	2.88	2.88
<b>% of TOC Removal</b>	46.21%	44.75%	44.49%	46.98%	50.54%	49.54%	43.52%	45.15%	51.64%	-2.47%	45.12%	45.17%	45.88%	46.57%	48.85%

Retested



**BUCKINGHAM PARK WATER DISTRICT  
SEASONAL VOLUNTARY CYANOTOXIN SAMPLE  
RESULTS**

6/18/21    6/24/21    7/2/21    7/8/21    7/16/21    7/22/21    7/29/21    8/6/21    8/12/21    8/19/21    8/26/21

**DRINKING WATER**

Raw Water Intake - Cyanotoxin (ug/L)	1.27	2.61	0.56	1.03	3.52	1.96	2.94	0.6	2.27	1.39	3.67
Finished Water	ND	less than	ND	less than	ND	less than	ND	ND	less than	less than	ND
Finished Water - Cyanotoxin (ug/L)	0	0.15	0	0.15	0	0.15	0	0	0.15	0.15	0
% of Removal	100%	94%	100%	85%	100%	92%	100%	100%	93%	89%	100%
E.P.A. Drinking Water Public Health Goals (not regulatory - serve as technical guidance)											

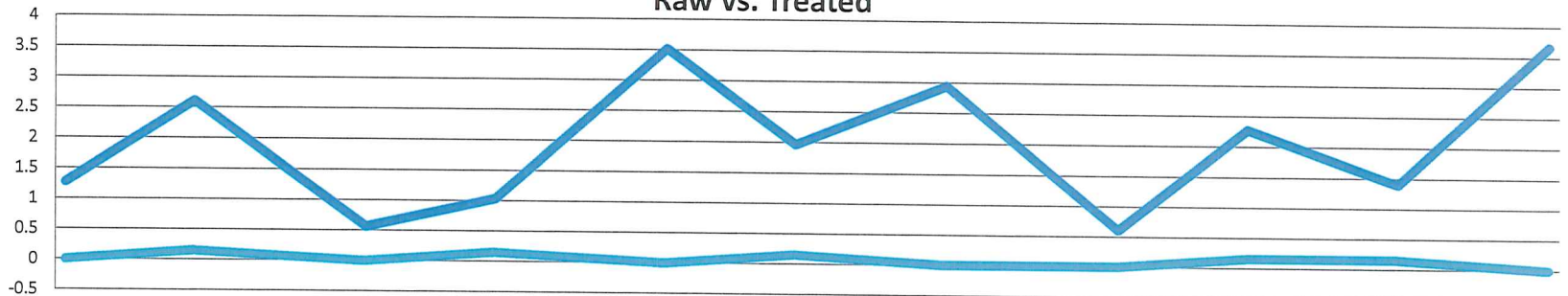
**Children 6 years old and under:**

- Microcystin: at or below 0.3 ug/L
- Cylendropermopsin at or below 0.7 ug/L

**Children 6 years old through Adult:**

- Microcystin: at or below 1.6 ug/L
- Cylendropermopsin at or below 3 ug/L

**SEASONAL VOLUNTARY CYANOTOXIN SAMPLE RESULTS  
Raw vs. Treated**



	6/18/21	6/24/21	7/2/21	7/8/21	7/16/21	7/22/21	7/29/21	8/6/21	8/12/21	8/19/21	8/26/21
Finished Water - Cyanotoxin (ug/L)	0	0.15	0	0.15	0	0.15	0	0	0.15	0.15	0
Raw Water Intake - Cyanotoxin (ug/L)	1.27	2.61	0.56	1.03	3.52	1.96	2.94	0.6	2.27	1.39	3.67

**MONTHLY SUMMARY OF REVISED TOTAL COLIFORM RULE DISTRIBUTION SYSTEM MONITORING**  
**(For public water systems serving more than 400 service connections OR 1,000 persons, OR wholesaler systems)**  
**(Includes triggered source monitoring reporting for Groundwater Rule compliance)**

System Name <p align="center">Buckingham Park Water District</p>	System Number <p align="center">1710011</p>
Sampling Period <p align="center">Month <span style="color: blue;">August</span></p>	Year <p align="center">2021</p>

	Number Required	Number Collected	Number Total Coliform Positives	Number E.coli Positives
1. Routine Samples (see note 1)	<u>2</u>	<u>2</u>	<u>0</u>	<u>0</u>
2. Repeat Samples following samples that are Total Coliform Positive and <i>E.coli</i> Negative (see notes 2, 10 and 11)		<u>0</u>	<u>0</u>	<u>0</u>
3. Repeat Samples following Routine Samples that are Total Coliform Positive and <i>E. coli</i> Positive (see notes 2, 3, 10 and 11)		<u>0</u>	<u>0</u>	<u>0</u>
4. Coliform Treatment Technique (TT) Trigger Exceedance & <i>E.coli</i> MCL Computation for TC/ <i>E. coli</i> Positive Samples				
a. Totals (sum of columns)	<u>2</u>	<u>2</u>	<u>0</u>	<u>0</u>
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100] =	<u>0</u>	%		
c. Did the system violate the <i>E. coli</i> MCL (see notes 2 through 5)?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Did the system exceed... ..a Level 2 Coliform TT trigger? (see notes 2, 3, 4, 5 and 6 for trigger info)			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If yes, see note 8 below.</i>				
...a Level 1 Coliform TT trigger? (see note 7 for trigger info)			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<i>If yes, see note 9 below.</i>				
5. Triggered Source Samples per Groundwater Rule (see notes 12 and 13)				
6. Invalidated Samples (Note what samples, if any, were invalidated; the lab who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By:				

Name/Signature <p align="center">Ahimsah Wonderwheel</p>	Title <p align="center">General Manager</p>	Date <p align="center" style="color: blue;">9/7/2021</p>
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**NOTES AND INSTRUCTIONS:**

1. Routine samples include:
  - a. Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.
  - b. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
- Notes 2-5 (boxed entries) are *E. coli* MCL violations and require immediate notification to the Division (22 CCR, Section 64426.1):
2. Any *E.coli* positive repeat following a total coliform positive sample.
3. A total coliform positive repeat, following an *E.coli* positive routine sample.
4. Failure to take all required repeat samples following an *E. coli* positive routine sample.
5. Failure to test for *E. coli* when any repeat sample tests positive for total coliform
6. Second Level 1 coliform treatment technique trigger exceedance in a rolling 12-month period.
7. Level 1 Coliform Treatment Technique (TT) Triggers:
  - a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the TT is exceeded and a Level 1 Assessment is required.
  - b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the TT is exceeded and a Level 1 Assessment is required.
  - c. If a trigger is exceeded as a result of a total coliform positive repeat sample, the system must notify the Division by the end of business day, section 64424(c)
8. Contact the Division as soon as practical to arrange for the Division to conduct a Level 2 Assessment of the water system. The water system shall complete a Level 2 Assessment and submit it to the Division within 30 days of learning of the trigger exceedance.
9. Conduct a Level 1 Assessment as soon as practical that covers the minimum elements (22 CCR, Section 64426.8 (a)(2)). Submit the report to the Division within 30 days of learning of the trigger exceedance.
10. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.
11. Repeat samples must be collected within 24 hours of being notified of the positive results. At least 3 repeat samples must be collected for each total coliform positive sample.
12. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
13. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E.coli*-positive triggered sample (boxed entry) requires immediate notification to the Division, Tier 1 public notification, and corrective action.

**GM-Buckingham Park Water**

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**From:** GM-Buckingham Park Water [gm@buckinghamparkwater.us]  
**Sent:** Tuesday, September 07, 2021 2:19 PM  
**To:** 'Schott, Guy@Waterboards'  
**Cc:** DDW - Mendocino General Email (DWPDIST03@waterboards.ca.gov)  
**Subject:** Monthly Operation Report and Monthly Coliform Report  
**Attachments:** Monthly Operations Repotr 8.21.pdf; Monthly Coliform report 8.21.pdf

Hello,

I have attached the Monthly operations report as well as the Monthly Coliform report for Buckingham Park Water District system # 1710011. Please let me know if you have any questions regarding either report. Thank you.

Sincerely,

*Ahimsah Wonderwheel*

General Manager

**Buckingham Park Water District**

2880 Eastlake Drive Kelseyville, CA 95451

Cell (707) 900-8367 / Office (707) 279-8568 / Fax (707) 279-2947

"Visit us on the web at: [www.buckinghamparkwater.us](http://www.buckinghamparkwater.us)!"

January - December 2021

	Residential			Commercial			Landscape / Irrigation			Total Cf. Usage	Total Gal. Usage	Total Customer	
	Cubic Ft	Gallons	# Cust. Billed	Cubic Ft	Gallons	# Cust. Billed	Cubic Ft	Gallons	# Cust. Billed				
January	260,586	1,949,183	448	2,103	15,730	6	0	0	0	262,689	1,964,914	454	
February	166,952	1,248,801	450	1,969	14,728	6	0	0	0	168,921	1,263,529	456	
March	243,044	1,817,969	450	3,173	23,734	6	0	0	0	246,217	1,841,703	456	
April	280,100	2,095,148	448	5,064	37,879	6	0	0	0	285,164	2,133,027	454	
May	414,919	3,103,594	450	6,655	49,779	6	0	0	0	421,574	3,153,374	456	
June	553,992	4,143,860	448	12,067	90,261	6	0	0	0	566,059	4,234,121	454	
July	530,791	3,970,317	448	6,984	52,240	6	0	0	0	537,775	4,022,557	454	
August	494,977	3,702,428	449	23,177	173,364	6	0	0	0	518,154	3,875,792	455	
September										0	0	0	
October										0	0	0	
November										0	0	0	
December										0	0	0	
2019 YTD Totals	2,945,361	22,031,300	449	61,192	457,716	6	0	0	Average	0	3,006,553	22,489,016	Average 455

	Tier 1 (cf)	Tier 2 (cf)	Tier 3 (cf)	Total (Cf.)
January	145,958	6,441	110,290	262,689
February	141,492	5,755	21,674	168,921
March	185,759	13,071	47,387	246,217
April	212,869	21,030	51,265	285,164
May	239,332	34,223	148,019	421,574
June	289,397	49,118	227,544	566,059
July	277,409	47,397	212,969	537,775
August	258,060	42,022	218,072	518,154
September				0
October				0
November				0
December				0
YTD Total	1,750,276	219,057	1,037,220	3,006,553
% of Total Usage	58.22%	7.29%	34.50%	100%

Top 10 Users	
Acct#	Cf
<b>HIGH USERS</b>	
3101	9041
0601	8590
9302	8525
2101	7740
8803	7358
5601	7254
0602	7226
55,734 cubic feet	
416,890 gallons	
10.76% of total usage	
<b>LEAKS</b>	
4201	48389
3601	18507
9703	14683
81,579 cubic feet	
610,211 gallons	
15.74% of total usage	
137,313 Total Top 10 CF	
1,027,101 Total Top 10 Gal	
26.50%	
Top 10 Total % of Usage	

Total Average (gal.) Usage Per Person Per Day:

	(Highest Months)		
	JUNE '19	AUGUST '20	2 yr. Ave.
Average person per connection:	3.3	3.3	3.3
Total Gallons:	5,133,818	5,557,230	5,345,524
Days in Month :	30	31	30.5
Active Connections:	457	457	457
Total Average Usage in Gallons Per Person/Day:	113	119	116

Current Water Storage Availability

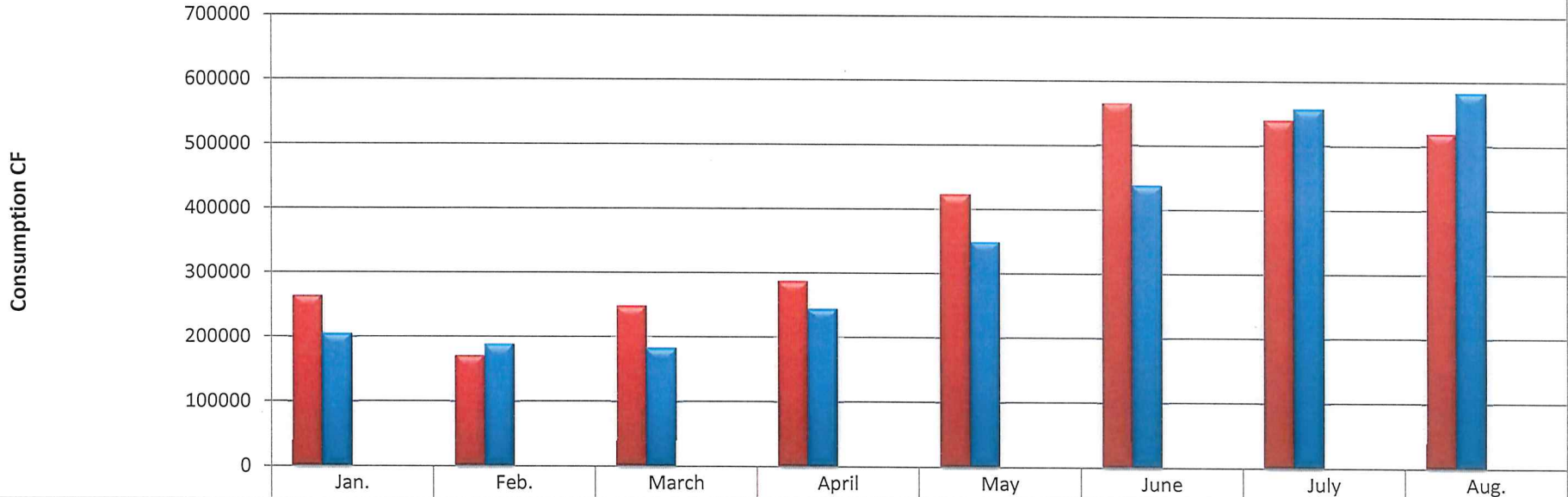
Plant Available storage	170,000 gal
Zone 1	100,000 gal
Zone 2	200,000 gal
Total Storage Avail.	470,000 gal

Avail. Storage / Month

	JUNE '19	AUGUST '20	Average
Total Average Usage per Day	171,127	179,265	175,196
Days of Avail. Storage	2.75	2.62	2.68

(Based on current usage)

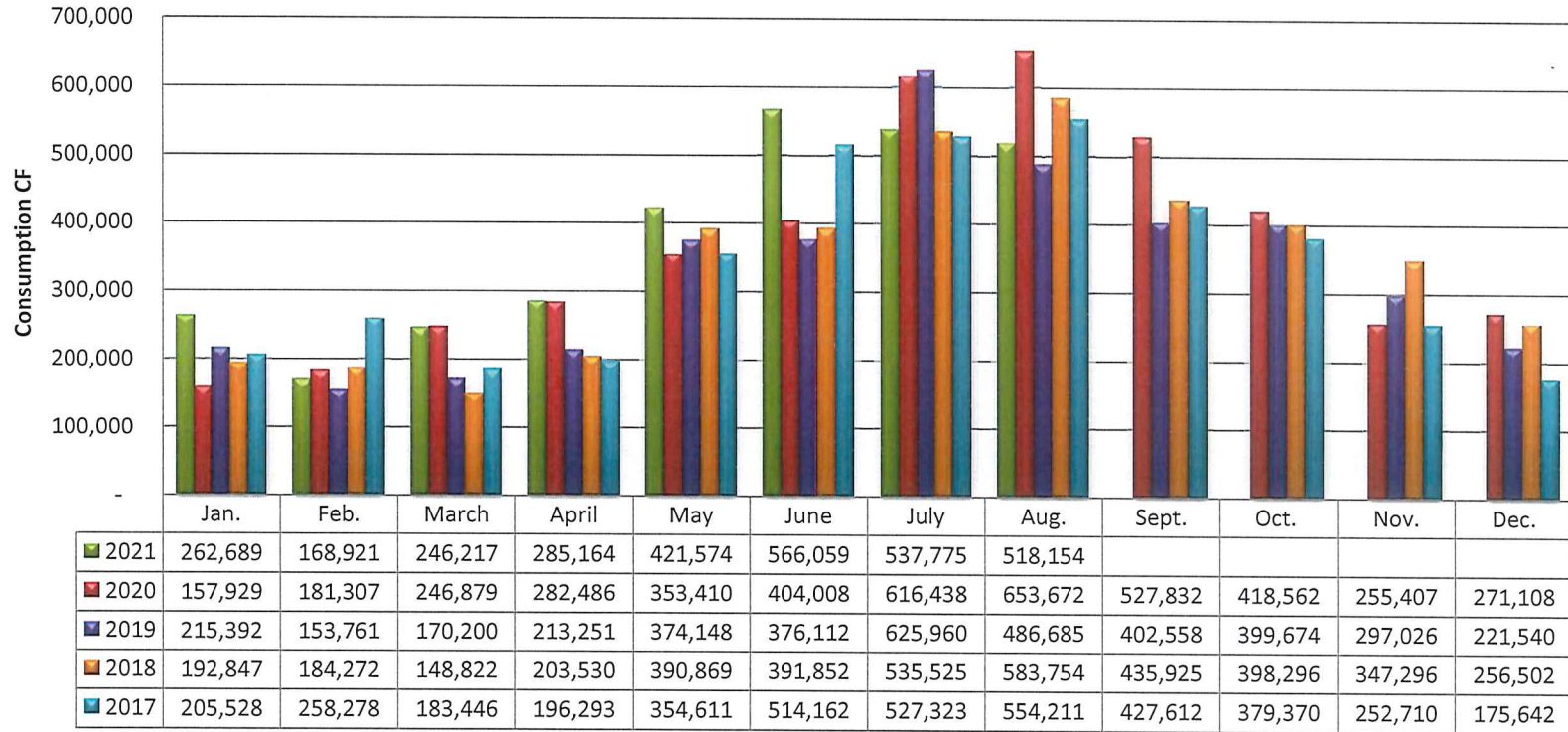
### Current Usage Year To Date vs. 5 Year Average

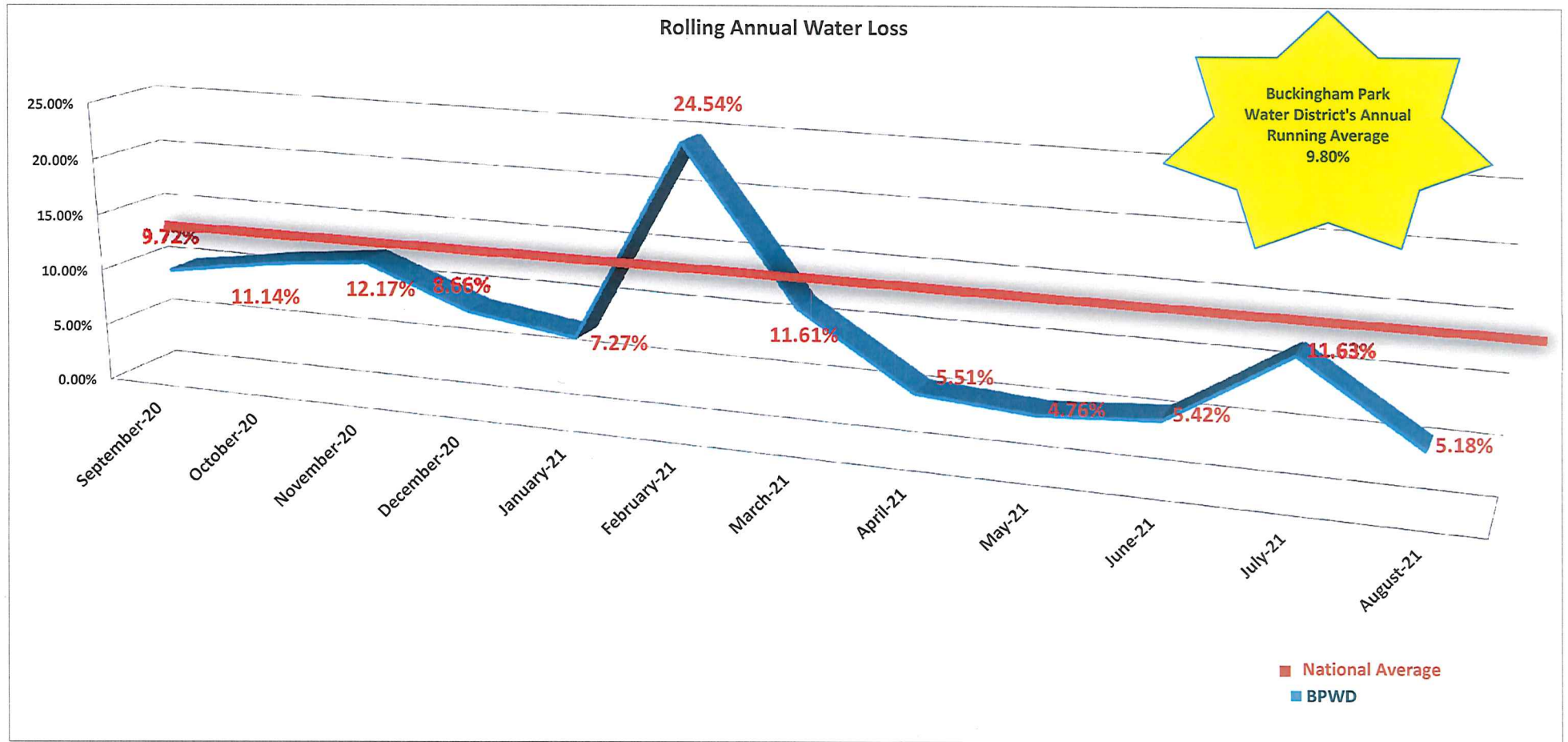


	Jan.	Feb.	March	April	May	June	July	Aug.
■ Current Usage	262,689	168,921	246,217	285,164	421,574	566,059	537,775	518,154
■ Average Previous 5 Yr Usage	203,458	186,711	180,975	242,613	349,008	437,065	556,914	581,960
■ % of 5YR Ave for mo (+/-)	29.11%	-9.53%	36.05%	17.54%	20.79%	29.51%	-3.44%	-10.96%
■ % of Prev Mo. (+/-)	-3.11%	-35.70%	45.76%	15.82%	47.84%	34.27%	-5.00%	-3.65%

**Current YTD Usage:**  
**3,006,553 cf**  
**Vs.**  
**5yr. Rolling Average: 2,738,704 Increased**  
**By 9.78 %**

### 5 Year Consumption History







BUCKINGHAM PARK WATER DISTRICT  
UNACCOUNTABLE WATER LOSS

Known Distribution Leaks (Gal)	Production Meter / Gal. matched to meter read dates		Net Production (Gal.) (Prev+Current)	Distribution/Sold (Convert Cf to Gal)	Total Unaccountable Water Loss		
	Prev. MTD	Current MTD			Difference (Gal.)	% +/-	
313,920	8/29/2020-8/31/20 489,829	9/1/20-9/30/20 4,230,980	4,720,809	3,948,183	458,706	9.72%	Two Service line leaks, 1995 Westlake Dr Aprox 8 gal. per min.-11,502 gal per day,2390 Eastlake Dr.11 gal per min-15,840 gal per day
		10/1/20-10/30/20 3,523,445	3,523,445	3,130,844	392,601	11.14%	leak found on Buckingham Dr. and southlake unknown estimate of loss at this time.
212,040	10/31/2020 - 10/31/2020 98,318	11/1/20 - 11/25/20 2,318,368	2,416,686	1,910,444	294,202	12.17%	Service line leak at 3196 Hillside Ct. leaking Aprox 7.75 gal/Min. - 11,160 Gal/day
8,640	11/25/20-11/30/20 360,503	12/1/2020 - 12/31/20 1,869,037	2,229,540	2,027,888	193,012	8.66%	Service line leak at 3306 Southlake Dr. Aprox. 2 gal/min- 2880 gal/day
		1/1/2020 - 1/28/2020 2,118,973	2,118,973	1,964,914	154,059	7.27%	
	1/29/21 - 1/31/21 161,630	2/1/21 - 2/24/21 1,512,831	1,674,461	1,263,529	410,932	24.54%	2/3/21 Main line leak at 2705 Westlake dr. un known quanly. Repaired 2-17-21
	2/25/2021 - 2/28/2021 259,287	3/1/2021 - 3/31/2021 1,824,252	2,083,539	1,841,703	241,836	11.61%	
	-	4/1/2021- 4/29/2021 2,257,430	2,257,430	2,133,027	124,403	5.51%	
	4/30/2021 200,756	5/1/2021-5/27/2021 3,110,134	3,310,890	3,153,374	157,516	4.76%	
	5/27/2021 - 5/31/21 753,549	6/1/21 - 6/30/21 3,723,286	4,476,835	4,234,121	242,714	5.42%	
408,240		7/1/21 - 7/29/21 5,596,710	5,596,710	4,537,461	651,009	11.63%	Leak at 2620 fixed on 7/27/21 Aprox. 10.5 GPM = 15,120 GPD. Leak at 2850 (H.O.A.) Aprox. 11 GPM = 15,840 GPD unknown time
	7/30/21 - 7/31/21 294,155	8/1/21 - 8/26/21 3,793,516	4,087,671	3,875,792	211,879	5.18%	

**Average Annual Loss 9.80%**

8:08 AM

09/03/21

Accrual Basis

## Buckingham Park Water District Account QuickReport As of September 1, 2021

Type	Date	Name	Memo	Amount
<b>200 - Accounts Receivable</b>				
<b>200-30 - Utility Billing Receivable</b>				
Deposit	08/03/2021	Water Sales	LOT DATE 8/3/2021	-547.30
Deposit	08/04/2021	Water Sales	CC Lot Date 08/04/21	-247.17
Deposit	08/04/2021	Water Sales	CC Lot Date 08/04/21	-227.66
Deposit	08/04/2021	Water Sales	CC Lot Date 08/04/21	-227.87
Deposit	08/04/2021	Water Sales	Lot Date 08/04/21	-544.94
Deposit	08/05/2021	Water Sales	8/5/21	-101.00
Deposit	08/06/2021	Water Sales	8/5/21-8/6/21	-3,334.60
Deposit	08/09/2021	Water Sales	CC Lot Date 08/06/21	-214.20
Deposit	08/09/2021	Water Sales	Lot Date 08/09/21	-4,719.77
Deposit	08/10/2021	Water Sales	Lot Date 08/10/21	-3,854.90
Deposit	08/11/2021	Water Sales	Lot Date 08/11/21	-2,491.31
Deposit	08/12/2021	Water Sales	CC Lot Date 08/12/21	-115.00
Deposit	08/12/2021	Water Sales	Lot Date 08/12/21	-2,766.76
Deposit	08/13/2021	Water Sales	Lot Date 08/13/21	-3,972.87
Deposit	08/16/2021	Water Sales	CC Lot Date 08/16/21	-119.07
Deposit	08/16/2021	Water Sales	Lot Date 08/16/21	-5,121.78
Deposit	08/17/2021	Water Sales	Lot Date 08/17/21	-3,000.47
Deposit	08/18/2021	Water Sales	CC Lot Date 08/17/21	-30.00
Deposit	08/18/2021	Water Sales	Cash Lot Date 08/03/21	-105.00
Deposit	08/18/2021	Water Sales	CC Lot Date 08/18/21	-544.71
Deposit	08/19/2021	Water Sales	Lot Date 08/19/21	-3,400.48
Deposit	08/23/2021	Water Sales	Lot Date 08/23/21	-3,325.93
Deposit	08/24/2021	Water Sales	CC Lot Date 08/24/21	-273.20
Deposit	08/24/2021	Water Sales	Lot Date 08/24/21	-2,231.24
Deposit	08/26/2021	Water Sales	APS Lot Date 08/26/21	-20,690.99
Deposit	08/26/2021	Water Sales	Lot Date 08/26/21	-2,544.87
Deposit	08/27/2021	Water Sales	Lot Date 08/27/21	-4,514.01
Deposit	08/27/2021	Water Sales	CC Lot Date 08/27/21	-610.81
Deposit	08/31/2021	Water Sales	CC Lot Date 08/31/21	-128.23
Deposit	08/31/2021	Water Sales	Lot Date 08/31/21	-3,376.63
Deposit	09/01/2021	Water Sales	CC Lot Date 09/01/21	-118.02
Deposit	09/01/2021	Water Sales	CC Lot Date 09/01/21	-97.87
Deposit	09/01/2021	Water Sales	Lot Date 09/01/21 AM	-1,662.99
Total 200-30 - Utility Billing Receivable				-75,260.75
Total 200 - Accounts Receivable				-75,260.75
<b>TOTAL</b>				<b>-75,260.75</b>

*Handwritten notes and corrections:*

- Vertical text on the right: *15,625*
- Red bracket on the right side of the table: *4,933.97*
- Red bracket on the right side of the table: *2,881.76*
- Green bracket on the right side of the table: *5,240.85*
- Blue bracket on the right side of the table: *574.71*
- Purple bracket on the right side of the table: *2,504.44*
- Green bracket on the right side of the table: *15,124.82*
- Black bracket on the right side of the table: *3,504.86*
- Blue bracket on the right side of the table: *1,878.88*

8:10 AM

09/03/21

Accrual Basis

**Buckingham Park Water District**  
**Account QuickReport**  
 As of August 31, 2021

Type	Date	Num	Name	Memo	Split	Amount	Balance
200 - Accounts Receivable							708.65
200-20 - Delinquent Accounts Receivable							708.65
Total 200-20 - Delinquent Accounts Receivable							708.65
Total 200 - Accounts Receivable							708.65
<b>TOTAL</b>							<b>708.65</b>

7/24/21 - 8/3/21

# Administration Task Manager

Month: Aug-21

Daily Tasks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Customer Service:</b>															
<b>AM:</b>															
Check voicemails & Return Calls		h	h	h					h	h	h	h	h		
Prepare any necessary work orders		h	h	h					h	h	h	h	h		
Check emails and reply as needed		h	h	h					h	h	h	h	h		
<b>PM:</b>															
Check voicemails & Return Calls		h	h	h					h	h	h	h	h		
Check emails and reply as needed		h	h	h					h	h	h	h	h		
Check Mail		h	h	h					h	h	h	h	h		
<b>Financial &amp; Accounting:</b>															
Enter daily customer payments to CORE Utilities		h	h	h					h	h	h	h	h		
-Reconcile Core Payment Receipt to adding machine tape.		h	h	h					h	h	h	h	h		
Daily deposit to Umpqua Bank via check scanner		h	h	h					h	h	h	h	h		
-Print 2 bank receipts; file one w/ checks and one w/ CORE Payment Receipt		h	h	h					h	h	h	h	h		
Property Transfers		h	h	h					h	h	h	h	h		
Escrow Water Demand Forms		h	h	h					h	h	h	h	h		
Filing		h	h	h					h	h	h	h	h		
<b>Other:</b>															
<b>Comments:</b>															

Bi-Weekly Tasks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Every Other Tuesday / Date:</b>															
Participate in staff meetings															
<b>Payroll:</b>															
Verify and calculate timecards		h													
Timecards to GM for review & approval		h													
Enter timecard info into QuickBooks & print checks		h													
Enter Direct Deposit Transactions		h													
Pay Payroll Taxes (Both EDD accounts & IRS #941)		h													
Provide GM w/ AP, PR, & Liab w/ the P&L MTD & YTD		h													
GM to Approve & Initial Tax Payments		h													
Pay Employee Ira Contributions		h													
<b>Comments:</b>															
<b>Every Other Wednesday / Date:</b>															
<b>Accounts Payable:</b>															
Invoices to GM for review & approval		h													
Pay Invoices		h													
Schedule Check Signing w/ Board Member(s)		h													
Mail payments		h													
<b>Comments:</b>															
<b>Every Other Friday / Date:</b>															
Provide Employees w/ paychecks								h							
<b>Comments:</b>															
<b>Other:</b>															
<b>Comments:</b>															

# Administration Task Manager

Month: **Aug-21**

Monthly Tasks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>1st of month:</b>															
Apply Carrying Charges		h													
Print billing reports and review for accuracy		h													
1st of month print & mail bills (due no later than 5th)		h													
Print AR Detail Report immediately after bills are printed		h													
Order Office Supplies		h													
Print New Petty Cash Log and Cash Payment Log		h													
Pre-Reconcile: CORE payments entered into QB		h													
-(Utility Billing AR Quick Report & CORE Posted Payment Detail Rept															
Petty Cash - Double Verif. (GM) Reqd/Internal Controls		h													
Print Customer Credit Card Payment Log		h													
Prepare Meeting minutes from last meeting		h													
<b>Journal Entries w/ GM:</b>															
JE Revenue @ Core Rev Rept to QuickBooks		h													
Verify / post JE Accumulated Depreciation		h													
Verify / post JE Workers Comp Insurance Expense		h													
Verify / post JE Liability Insurance Expense		h													
Verify / post JE Chemical Expense		h													
<b>5th of month:</b>															
<b>Previous Mo Closeout Reports to GM (see submittal checklist)</b>															
<b>From CORE Utility Billing:</b>															
Export monthly usage to shared drive					h										
Print Installment Plan Report (exclude \$0)					h										
New Customer Report					h										
Print Adjustment Report					h										
Print Revenue Rept @ Core (Rev by Code)					h										
<b>From Quickbooks:</b>															
Print overtime report					h										
Print Utility Billing AR Quick Report & Delinq AR for month					h										
<b>Print / Verify Financial Statements:</b>															
P&L Budget vs. Actual for reporting month & Export to Excel					h										
P&L Budget vs. Actual for fiscal year to date -mo end & Export to Excel					h										
Balance Sheet for fiscal year to date - mo end					h										
Statement of Cash Flows for reporting month					h										
Statement of Cash Flows for fiscal year to date - mo end					h										
Email Board for Agenda Items (Deadline 2nd Monday)					h										
<b>Comments:</b>															
<b>10th of month:</b>															
CORE - Print Delinquency Report										h					
Print & Mail 10-Day Reminder Notices @ Non Payment										h					
Pre- Reconcile Bank Statements										h					
Email Financial Month End Submittals (See list)										h					
<b>Comments:</b>															
<b>Other:</b>															
<b>Comments:</b>															

# Administration Task Manager

Month: **Aug-21**

Quarterly Tasks															
<b>Quarterly Payroll Tax Report Request to GM</b>															
EDD Voluntary SDI Quarterly Report Forms DE9 & DE9C															
EDD PIT,SDI Quarterly Report Forms DE9 & DE9C															
IRS Form 941															
<b>Other:</b>															
<b>Comments:</b>															

Daily Tasks	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>Customer Service:</b>																
<b>AM:</b>																
Check voicemails & Return Calls	h	h	h	h	h			h	h	h					h	h
Prepare any necessary work orders	h	h	h	h	h			h	h	h					h	h
Check emails and reply as needed	h	h	h	h	h			h	h	h					h	h
<b>PM:</b>																
Check voicemails & Return Calls	h	h	h	h	h			h	h	h					h	h
Check emails and reply as needed	h	h	h	h	h			h	h	h					h	h
Check Mail	h	h	h	h	h			h	h	h					h	h
<b>Financial &amp; Accounting:</b>																
Enter daily customer payments to CORE Utilities	h	h	h	h	h			h	h	h					h	h
-Reconcile Core Payment Receipt to adding machine tape.																
Daily deposit to Umpqua Bank via check scanner	h	h	h	h	h			h	h	h					h	h
-Print 2 bank receipts; file one w/ checks and one w/ CORE Payment Receipt																
Property Transfers	h	h	h	h	h			h	h	h					h	h
Escrow Water Demand Forms	h	h	h	h	h			h	h	h					h	h
Filing	h	h	h	h	h			h	h	h					h	h
<b>Other:</b>																
<b>Comments:</b>																

Bi-Weekly Tasks	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>Every Other Tuesday / Date:</b>																
Participate in staff meetings																
<b>Payroll:</b>																
Verify and calculate timecards	h															h
Timecards to GM for review & approval	h															h
Enter timecard info into QuickBooks & print checks	h															h
Enter Direct Deposit Transactions	h															h
Pay Payroll Taxes (Both EDD accounts & IRS #941)	h															h
Provide GM w/ AP, PR, & Liab w/ the P&L MTD & YTD	h															h
GM to Approve & Initial Tax Payments	h															h
Pay Employee Ira Contributions	h															h
<b>Comments:</b> ↑ Callers																
<b>Every Other Wednesday / Date:</b>																
<b>Accounts Payable:</b>																
Invoices to GM for review & approval	h															h
Pay Invoices	h															h
Schedule Check Signing w/ Board Member(s)	h															h
Mail payments	h															h
<b>Comments:</b>																
<b>Every Other Friday / Date:</b>																
Provide Employees w/ paychecks																
<b>Comments:</b>																

# Administration Task Manager

Month: **Aug-21**

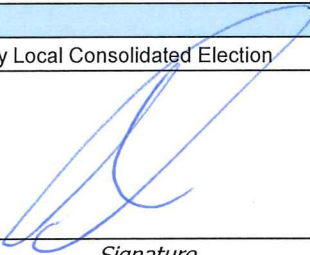
Monthly Tasks	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>20th of month:</b>																
Post Agenda (Posted Thursday Before Monday's Meeting 72 hrs)				A												
Board Meeting Participation (4th Monday of every month)								A								
Enter Labor Statistics Online																
<b>25th of month:</b>																
Process Customer Automatic Payments																
Prepare 48 HR Shut Off Notices for Operations																
48-Hr Door Hangers for Non Payments																
Comments:																
Month End Tasks	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>Payroll Liabilities:</b>																
<b>End of month: / Date:</b> _____																
Enter ACH for medical, dental and vision																
<b>Billing:</b>																
<b>End of month:</b> _____																
<b>Last Week of Month: / Date:</b> _____																
Print meter read sheets for Operations (around 28th)																
Enter meter reads into CORE																
<b>Last Business Day of Month: / Date:</b> _____																
CORE: Print Water Quality Service Orders for mo.> Operations																

# Administration Task Manager

Month: Aug-21

Completion Dates for Monthly Tasks

Annual Tasks												
<b>January</b>												
31st: Last Day for W2's to District Employees												
31st: Submit W3's W2's to State												
31st: Last Day for 1099's to Contractors												
31st: Submit 1099s to State												
<b>March</b>												
31st: Renewal for Workers Comp Insurance												
31st: Renewal for Liability & Property Insurance												
<b>April</b>												
30th: Govt. Compensation Report to S.C.O.												
<b>May</b>												
15th: Credit delinq Standby for Prop Tax Roll Collection												
15th: Prepare Standby Billing for July Bill to Customers												
<b>June</b>												
1st: Standby Billing to Customers												
<b>July</b>												
17th: County Elections Candidate Filing First Day												
25th: County Elections Duedate for Resol. Consolidate												
<b>August</b>												
10th: County Elections Candidate Filing Last Day	/											
11th: County Elections Candidate Filing Last Day	/											
25th: Direct Charges (Tax Roll) Due to County	/											
<b>October</b>												
15th: Financial Transaction Report to S.C.O.												
<b>November</b>												
TBD: County Local Consolidated Election												



Signature

8/31/21

Date

My signature certifies that that the aforementioned tasks have been completed and verified to the best of my knowledge & capabilities. Furthermore, I understand that any misrepresentation of these tasks & reports may alter the the Buckingham Park Water District's financial statements.



<b>Adjustments Detail Report</b>
----------------------------------

From: 8/3/2021

To: 9/2/2021

These Adjustments Have Been Posted to the Customer's Balance:

*These Adjustments Haven't Been Billed.*

Implement Date	Account Number	Account Status	Revenue	Amount	User	Comment
8/10/2021	110100701	OFF AND BILLED	PROP	(\$1,752.78)	LORI	Assigned to Tax roll
Total Number of Adjustments =			1	Total =	(\$1,752.78)	

*These Adjustments Have Been Billed.*

Implement Date	Account Number	Account Status	Revenue	Amount	User	Comment
8/3/2021	15107402	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	243123604	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	123101801	OFF AND PAID	LC1	(\$30.00)	LORI	
8/3/2021	160105501	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	159105402	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	1109701	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	17110202	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	113101103	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	148110603	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	172112802	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	142103701	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	164112203	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	114115701	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	13113802	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	114109401	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	119109001	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	125116803	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	134117702	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	12113401	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	13296502	ACTIVE	LC1	(\$30.00)	LORI	
8/10/2021	17110202	ACTIVE	PROP	(\$808.60)	LORI	Assigned to Tax roll
8/10/2021	172112802	ACTIVE	PROP	(\$2,223.77)	LORI	Assigned to Tax roll
8/10/2021	114109401	ACTIVE	PROP	(\$753.28)	LORI	Assigned to Tax roll
8/10/2021	113101103	ACTIVE	PROP	(\$2,150.25)	LORI	Assigned to Tax roll
8/11/2021	158296803	ACTIVE	PF	\$150.00	LORI	
8/12/2021	123101802	ACTIVE	PF	\$150.00	LORI	
8/20/2021	17115002	ACTIVE	PF	\$150.00	LORI	
9/1/2021	172112802	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	17113001	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	1109701	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	114109401	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	114115701	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	121108801	ACTIVE	LC1	\$15.00	CORE	Shut Off

9/1/2021	1296002	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	148110603	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	143103803	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	113101103	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	13296502	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	164112203	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	17110202	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	134102902	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	15107402	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	159105402	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	142103701	ACTIVE	LC1	\$15.00	CORE	Shut Off

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Total Number of Adjustments = 44 Total = (\$5,815.90)

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Total Number of Adjustments = 45 Total = (\$7,568.68)

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Total Number of Adjustments for Group:1 = 45 Total = (\$7,568.68)

**These Adjustments Have Been Posted to the Customer's Balance:**

*These Adjustments Haven't Been Billed.*

Implement Date	Account Number	Account Status	Revenue	Amount	User	Comment
8/10/2021	48231301	IDLE	PROP	(\$533.51)	LORI	Assigned to Tax roll

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Total Number of Adjustments = 1 Total = (\$533.51)

*These Adjustments Have Been Billed.*

Implement Date	Account Number	Account Status	Revenue	Amount	User	Comment
8/3/2021	18234802	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	9227203	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	26233902	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	45211502	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	49237203	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	41238002	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	39238202	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	71221601	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	24239404	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	83220504	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	85220301	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	20239801	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	4241401	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	20824201	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	19228902	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	9828001	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	7229902	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	5231901	ACTIVE	LC1	(\$15.00)	LORI	
8/3/2021	27225601	ACTIVE	LC1	(\$30.00)	LORI	
8/3/2021	96219301	ACTIVE	LC1	(\$30.00)	LORI	
8/4/2021	11227003	ACTIVE	PF	\$150.00	LORI	

8/10/2021	24239404	ACTIVE	PROP	(\$1,113.67)	LORI	Assigned to Tax roll
8/10/2021	26233902	ACTIVE	PROP	(\$7,701.50)	LORI	Assigned to Tax roll
8/10/2021	7229902	ACTIVE	PROP	(\$1,098.91)	LORI	Assigned to Tax roll
8/10/2021	41238002	ACTIVE	PROP	(\$1,922.24)	LORI	Assigned to Tax roll
8/11/2021	1236802	ACTIVE	PF	\$150.00	LORI	
9/1/2021	5231901	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	41238002	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	26233902	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	1236802	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	37224703	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	8227803	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	83220504	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	7229902	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	45211502	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	13235302	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	18234802	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	58222802	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	24239404	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	85220301	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	41230601	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	20824201	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	4241401	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	17240102	ACTIVE	PF	\$150.00	LORI	
9/1/2021	11227003	ACTIVE	LC1	\$15.00	CORE	Shut Off
9/1/2021	29253501	ACTIVE	LC1	\$15.00	CORE	Shut Off

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Total Number of Adjustments = 46      Total = (\$11,566.32)

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Total Number of Adjustments = 47      Total = (\$12,099.83)

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**Total Number of Adjustments for Group: 2 = 47      Total = (\$12,099.83)**

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**Total Number of Adjustments for Area: 1 = 92      Total = (\$19,668.51)**

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**Total Number of Adjustments for All Areas: = 92      Total = (\$19,668.51)**

# Revenue Report by Revenue Code

52  
Total  
Adj.  
188.46

From: 8/2/2021

To: 8/20/2021

GLAccount	Revenue	Description	Count	Posted Amount	GL Total
41100	PROP	BALANCE TO PROP. TAX	10	\$20,058.51	
					\$20,058.51
41110	INST	INSTALLMENT PLAN	1	(\$100.00)	
41110	WTR	Residential Water Use	644	(\$29,855.60)	
					(\$29,955.60)
41120	CWTR	Commercial Water Use	6	(\$125.49)	
					- 188.46 29,767.14
					74.48 (\$125.49)
42151	BASE	Residential Base Rate	447	(\$33,148.56)	
					74.48 (\$33,148.56)
42152	CBASE	Commercial Base Rate	4	(\$297.92)	
					150- 33,292.56
					(\$297.92)
49820	PF	APPLICATION PROCESSI	5	(\$750.00)	
					(\$750.00)
49840	IMP	Emergency Reserve (\$7.00)	451	\$0.00	
					\$0.00
49845	CAPA	CIP Reserve Fee	451	(\$10,328.54)	
					23- (\$10,328.54)
498101	AB-LC1	CARRYING CHARGE	82	(\$1,230.00)	
498101	LC1	CARRYING CHARGE	40	\$1,050.00	
					15- 10,373-
					(\$180.00)
<b>Total -- GL Offset ():</b>				<b>\$54,727.60</b>	

Adj.  
144-

Adj.  
44.46

From: 8/2/2021

To: 8/20/2021

Report Total:

\$54,727.60 ✓

0.00G+

20,058.51 -  
29,767.14 +  
125.49 +  
33,292.56 +  
297.92 +  
750.00 +  
10,373.00 +  
180.00 +  
54,727.60G+

9:27 AM

**Buckingham Park Water District  
General Journal Transaction  
August 31, 2021**

09/03/21

Accrual Basis

Num	Name	Memo	Account	Class	Debit	Credit
47034	Water Sales	October 2016	200-30 · Utility Billin...		54,727.60	
	Water Sales	October 2016	411.10 · Residential			29,767.14
	Water Sales	October 2016	411.20 · Commercial			125.49
	Water Sales	October 2016	421.51 · Residential ...			33,292.56
	Water Sales	October 2016	421.52 · Business B...			297.92
	Water Sales	October 2016	Carrying Charges			180.00
	Water Sales	October 2016	493.00 · TAXES & A...		20,058.51	
	Water Sales	October 2016	498.20 · Application ...			750.00
	Water Sales	October 2016	498.40 · Emergency...		0.00	
	Water Sales	October 2016	1110 · Retained Ear...		0.00	
	Water Sales	October 2016	Emergency Reserve...		0.00	
	Water Sales	October 2016	498.45 · CIP Reserve			10,373.00
	Water Sales	October 2016	1110 · Retained Ear...		10,373.00	
	Water Sales	October 2016	Capital Improvemen...			10,373.00
					<u>85,159.11</u>	<u>85,159.11</u>
TOTAL					<u>85,159.11</u>	<u>85,159.11</u>

8:25 AM  
09/03/21

Buckingham Park Water District  
Payroll Summary

August 2021

	Ahimsah O Wonderwheel			Alan Mitchell			Lori A Gonzalez			William A Rae			TOTAL		
	Hours	Rate	Aug 21	Hours	Rate	Aug 21	Hours	Rate	Aug 21	Hours	Rate	Aug 21	Hours	Rate	Aug 21
<b>Employee Wages, Taxes and Adjustments</b>															
Gross Pay															
Overtime - Admin & General	5.25	52.92	277.83			0.00	1.75	33.54	58.70			0.00	7.00		336.53
Overtime - Water Treatment			0.00	2.75	64.28	176.77			0.00	2.5	32.99	82.48	5.25		259.25
<b>Total Gross Pay</b>	<u>5.25</u>		<u>277.83</u>	<u>2.75</u>		<u>176.77</u>	<u>1.75</u>		<u>58.70</u>	<u>2.5</u>		<u>82.48</u>	<u>12.25</u>		<u>595.78</u>
<b>Adjusted Gross Pay</b>	<u>5.25</u>		<u>277.83</u>	<u>2.75</u>		<u>176.77</u>	<u>1.75</u>		<u>58.70</u>	<u>2.5</u>		<u>82.48</u>	<u>12.25</u>		<u>595.78</u>
<b>Net Pay</b>	<u>5.25</u>		<u>277.83</u>	<u>2.75</u>		<u>176.77</u>	<u>1.75</u>		<u>58.70</u>	<u>2.5</u>		<u>82.48</u>	<u>12.25</u>		<u>595.78</u>
<b>Employer Taxes and Contributions</b>			0.00			0.00			0.00			0.00			0.00

9:36 AM  
09/14/21  
Accrual Basis

## Buckingham Park Water District

Profit & Loss Budget vs. Actual  
August 2021

	Aug 21	Budget	\$ Over Bud...	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
411.00 · WATER SALES				
411.10 · Residential	29,767.14	39,003.16	-9,236.02	76.3%
411.20 · Commercial	125.49	283.17	-157.68	44.3%
<b>Total 411.00 · WATER SALES</b>	<b>29,892.63</b>	<b>39,286.33</b>	<b>-9,393.70</b>	<b>76.1%</b>
421.00 · WATER SERVICES				
421.30 · Standby or Availability Charges	0.00	525.00	-525.00	0.0%
421.50 · Other				
421.51 · Residential Base Rate	33,292.56	33,365.42	-72.86	99.8%
421.52 · Business Base Rate	297.92	297.92	0.00	100.0%
<b>Total 421.50 · Other</b>	<b>33,590.48</b>	<b>33,663.34</b>	<b>-72.86</b>	<b>99.8%</b>
<b>Total 421.00 · WATER SERVICES</b>	<b>33,590.48</b>	<b>34,188.34</b>	<b>-597.86</b>	<b>98.3%</b>
<b>Total Income</b>	<b>63,483.11</b>	<b>73,474.67</b>	<b>-9,991.56</b>	<b>86.4%</b>
<b>Gross Profit</b>	<b>63,483.11</b>	<b>73,474.67</b>	<b>-9,991.56</b>	<b>86.4%</b>
<b>Expense</b>				
<b>ADMINISTRATIVE &amp; GENERAL</b>				
561.00 · Salaries				
561.10 · Wages	8,906.00	8,760.31	145.69	101.7%
561.20 · Paid Time Off	682.03	1,132.54	-450.51	60.2%
561.25 · Sick Pay	65.97	658.92	-592.95	10.0%
561.30 · Holiday Pay	178.88	0.00	178.88	100.0%
561.35 · Bereavement	0.00	164.75	-164.75	0.0%
561.40 · Admin& General O.T. Wages	336.53	595.38	-258.85	56.5%
561.45 · Standby Stipend	840.00	930.00	-90.00	90.3%
561.50 · Call Back Pay	65.98	152.15	-86.17	43.4%
<b>Total 561.00 · Salaries</b>	<b>11,075.39</b>	<b>12,394.05</b>	<b>-1,318.66</b>	<b>89.4%</b>
562.00 · OFFICE SUPPLIES & OTHER EXPENSE				
562.10 · PG&E/Utilities	336.33	250.00	86.33	134.5%
562.15 · Telephone	0.00	166.67	-166.67	0.0%
562.20 · Internet	129.95	137.92	-7.97	94.2%
562.25 · Cell Phone	75.48	83.30	-7.82	90.6%
562.30 · Pest Control	84.00	91.67	-7.67	91.6%
562.40 · Garbage	13.70	41.67	-27.97	32.9%
562.45 · Alarm	0.00	29.17	-29.17	0.0%
562.50 · Postage	447.66	283.34	164.32	158.0%
562.55 · Office Supplies	109.87	291.67	-181.80	37.7%
562.60 · Copy Equipment & Supplies	391.45	458.34	-66.89	85.4%
562.65 · Office Equipment	0.00	20.84	-20.84	0.0%
562.70 · Dues,Subscriptions, Memberships	69.99	416.67	-346.68	16.8%
562.75 · Lien Filing & Recording Fees	0.00	8.34	-8.34	0.0%
562.80 · Software License and Support	100.00	166.67	-66.67	60.0%
562.85 · Bank Service Charges	20.00	291.67	-271.67	6.9%
<b>Total 562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>	<b>1,778.43</b>	<b>2,737.94</b>	<b>-959.51</b>	<b>65.0%</b>
563.00 · CONTRACTUAL SERVICES				
563.10 · Auditor	0.00	900.00	-900.00	0.0%
563.20 · County Counsel	0.00	166.67	-166.67	0.0%
563.40 · LAFCO	0.00	125.00	-125.00	0.0%
563.50 · County of Lake Collection Svcs	0.00	83.34	-83.34	0.0%
<b>Total 563.00 · CONTRACTUAL SERVICES</b>	<b>0.00</b>	<b>1,275.01</b>	<b>-1,275.01</b>	<b>0.0%</b>
564.00 · PROPERTY INS.,INJURIES& DAMAGES				
564.10 · Liability Insurance	2,551.38	1,416.67	1,134.71	180.1%
<b>Total 564.00 · PROPERTY INS.,INJURIES&amp; DAMAGES</b>	<b>2,551.38</b>	<b>1,416.67</b>	<b>1,134.71</b>	<b>180.1%</b>
565.00 · EMPLOYEES RETIREMENT & BENEFITS				
565.10 · PERS Medical	2,929.44	4,000.00	-1,070.56	73.2%

9:36 AM  
09/14/21  
Accrual Basis

## Buckingham Park Water District

Profit & Loss Budget vs. Actual  
August 2021

	Aug 21	Budget	\$ Over Bud...	% of Budget
565.20 · PERS/ Pension/ Retirement	1,322.14	2,508.34	-1,186.20	52.7%
565.30 · Payroll Taxes				
565.31 · FICA (Federal Ins.Contribution)	1,624.55	1,484.17	140.38	109.5%
565.32 · SUI (State Unemployment Ins)	11.16	183.34	-172.18	6.1%
<b>Total 565.30 · Payroll Taxes</b>	<b>1,635.71</b>	<b>1,667.51</b>	<b>-31.80</b>	<b>98.1%</b>
565.40 · Workers Comp Insurance	519.41	625.00	-105.59	83.1%
<b>Total 565.00 · EMPLOYEES RETIREMENT &amp; BENEFITS</b>	<b>6,406.70</b>	<b>8,800.85</b>	<b>-2,394.15</b>	<b>72.8%</b>
568.00 · MAINTENANCE - GENERAL PLANT				
568.10 · Supplies	0.00	125.00	-125.00	0.0%
<b>Total 568.00 · MAINTENANCE - GENERAL PLANT</b>	<b>0.00</b>	<b>125.00</b>	<b>-125.00</b>	<b>0.0%</b>
569.00 · OTHER				
569.10 · Employee Uniforms	0.00	41.67	-41.67	0.0%
569.20 · Seminar/Training Registration	11,150.00	41.67	11,108.33	26,757.9%
569.30 · Training-lodging,meals& mileage	-9,743.20	50.00	-9,793.20	-19,486.4%
569.40 · Mileage Expense	0.00	8.34	-8.34	0.0%
569.45 · Outside Services	0.00	125.00	-125.00	0.0%
<b>Total 569.00 · OTHER</b>	<b>1,406.80</b>	<b>266.68</b>	<b>1,140.12</b>	<b>527.5%</b>
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>23,218.70</b>	<b>27,016.20</b>	<b>-3,797.50</b>	<b>85.9%</b>
<b>CUSTOMER ACCOUNTS</b>				
551.00 · SUPERVISION,METER READING&OTHER				
551.10 · Wages	409.90	353.69	56.21	115.9%
<b>Total 551.00 · SUPERVISION,METER READING&amp;OTHER</b>	<b>409.90</b>	<b>353.69</b>	<b>56.21</b>	<b>115.9%</b>
<b>Total CUSTOMER ACCOUNTS</b>	<b>409.90</b>	<b>353.69</b>	<b>56.21</b>	<b>115.9%</b>
<b>PUMPING</b>				
521.00 · SUPERVISION, LABOR & EXPENSE				
521.10 · Wages	0.00	25.50	-25.50	0.0%
521.20 · PG&E / Electricity	2,450.58	1,625.00	825.58	150.8%
<b>Total 521.00 · SUPERVISION, LABOR &amp; EXPENSE</b>	<b>2,450.58</b>	<b>1,650.50</b>	<b>800.08</b>	<b>148.5%</b>
522.00 · MAINTENANCE,STRUCTURES & IMPROV				
522.10 · Outside Services	46.12	166.67	-120.55	27.7%
522.20 · Supplies	0.00	8.34	-8.34	0.0%
<b>Total 522.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>	<b>46.12</b>	<b>175.01</b>	<b>-128.89</b>	<b>26.4%</b>
<b>Total PUMPING</b>	<b>2,496.70</b>	<b>1,825.51</b>	<b>671.19</b>	<b>136.8%</b>
<b>SOURCE OF SUPPLY</b>				
511.00 · SUPERVISION, LABOR & EXPENSES				
511.10 · Wages	0.00	23.62	-23.62	0.0%
511.20 · PG&E / Electricity	894.66	650.00	244.66	137.6%
512.40 · Testing	581.50	472.09	109.41	123.2%
<b>Total 511.00 · SUPERVISION, LABOR &amp; EXPENSES</b>	<b>1,476.16</b>	<b>1,145.71</b>	<b>330.45</b>	<b>128.8%</b>
512.00 · MAINTENANCE/STRUCTURES & IMPROV				
512.20 · Supplies	0.00	9.17	-9.17	0.0%
<b>Total 512.00 · MAINTENANCE/STRUCTURES &amp; IMPROV</b>	<b>0.00</b>	<b>9.17</b>	<b>-9.17</b>	<b>0.0%</b>
<b>Total SOURCE OF SUPPLY</b>	<b>1,476.16</b>	<b>1,154.88</b>	<b>321.28</b>	<b>127.8%</b>
<b>TRANSMISSION &amp; DISTRIBUTION</b>				
541.00 · SUPERVISION, LABOR & EXPENSES				
541.10 · Wages	2,628.31	1,685.85	942.46	155.9%
541.20 · PG&E / Electricity	301.36	250.00	51.36	120.5%
541.30 · Parts & Meters	-104.16			
541.40 · Safety & Security	0.00	125.00	-125.00	0.0%
541.50 · State Water Board Licensing	0.00	133.34	-133.34	0.0%



9:36 AM  
09/14/21  
Accrual Basis

## Buckingham Park Water District

Profit & Loss Budget vs. Actual  
August 2021

	Aug 21	Budget	\$ Over Bud...	% of Budget
541.60 · Mileage Expense	234.68	306.70	-72.02	76.5%
541.70 · Testing	70.00	237.50	-167.50	29.5%
541.75 · Propane	0.00	41.67	-41.67	0.0%
<b>Total 541.00 · SUPERVISION, LABOR &amp; EXPENSES</b>	<b>3,130.19</b>	<b>2,780.06</b>	<b>350.13</b>	<b>112.6%</b>
<b>542.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>				
542.50 · Maintenance Projects	4,363.66	1,250.00	3,113.66	349.1%
542.10 · Outside Services	271.34	166.67	104.67	162.8%
542.20 · Supplies	164.94	83.34	81.60	197.9%
542.30 · Tools	0.00	166.67	-166.67	0.0%
542.40 · Equipment Rental	0.00	29.00	-29.00	0.0%
<b>Total 542.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>	<b>4,799.94</b>	<b>1,695.68</b>	<b>3,104.26</b>	<b>283.1%</b>
<b>Total TRANSMISSION &amp; DISTRIBUTION</b>	<b>7,930.13</b>	<b>4,475.74</b>	<b>3,454.39</b>	<b>177.2%</b>
<b>WATER TREATMENT</b>				
<b>531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>				
531.10 · Wages	7,122.13	6,955.62	166.51	102.4%
531.15 · PG&E / Electricity	466.78	312.50	154.28	149.4%
531.20 · Chemicals-PreChlor Sodium Hypo	629.69	333.34	296.35	188.9%
531.25 · Chemicals-PostChlor Sodium Hypo	966.30	416.67	549.63	231.9%
531.30 · Chemicals - Coagulent	1,220.50	666.67	553.83	183.1%
531.35 · Chemicals - Coagulent Aid	0.00	50.00	-50.00	0.0%
531.40 · Testing - Lab	247.50	250.00	-2.50	99.0%
531.45 · In Plant Test	0.00	175.00	-175.00	0.0%
531.55 · State Water Board Licensing	0.00	133.34	-133.34	0.0%
531.60 · CUPA Permit & other permits	350.36	125.00	225.36	280.3%
531.70 · Alarm	0.00	26.67	-26.67	0.0%
531.75 · Propane	0.00	83.34	-83.34	0.0%
<b>Total 531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>	<b>11,003.26</b>	<b>9,528.15</b>	<b>1,475.11</b>	<b>115.5%</b>
<b>532.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>				
532.10 · Outside Services	0.00	41.67	-41.67	0.0%
532.20 · Supplies	61.97	125.00	-63.03	49.6%
532.30 · Tools	0.00	50.00	-50.00	0.0%
532.40 · Equipment Rental	0.00	87.50	-87.50	0.0%
<b>Total 532.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>	<b>61.97</b>	<b>304.17</b>	<b>-242.20</b>	<b>20.4%</b>
<b>Total WATER TREATMENT</b>	<b>11,065.23</b>	<b>9,832.32</b>	<b>1,232.91</b>	<b>112.5%</b>
<b>Total Expense</b>	<b>46,596.82</b>	<b>44,658.34</b>	<b>1,938.48</b>	<b>104.3%</b>
<b>Net Ordinary Income</b>	<b>16,886.29</b>	<b>28,816.33</b>	<b>-11,930.04</b>	<b>58.6%</b>
<b>Other Income/Expense</b>				
<b>Other Income</b>				
<b>NON-OPERATING REVENUE</b>				
493.00 · TAXES & ASSESSMENTS	-20,058.51			
<b>498.00 · OTHER NON-OPERATING REVENUES</b>				
498.10 · LATE FEES & PENALTIES				
Carrying Charges	180.00			
<b>Total 498.10 · LATE FEES &amp; PENALTIES</b>	<b>180.00</b>			
498.20 · Application Processing Fee	750.00			
498.45 · CIP Reserve	10,373.00	10,465.00	-92.00	99.1%
<b>Total 498.00 · OTHER NON-OPERATING REVENUES</b>	<b>11,303.00</b>	<b>10,465.00</b>	<b>838.00</b>	<b>108.0%</b>
<b>Total NON-OPERATING REVENUE</b>	<b>-8,755.51</b>	<b>10,465.00</b>	<b>-19,220.51</b>	<b>-83.7%</b>
<b>Total Other Income</b>	<b>-8,755.51</b>	<b>10,465.00</b>	<b>-19,220.51</b>	<b>-83.7%</b>
<b>Other Expense</b>				
590.00 · CAPITAL EXPENSES & MAJOR MAINT				
590.10 · SMALL CAPITAL PROJECTS	115.00			

9:36 AM  
09/14/21  
Accrual Basis

## Buckingham Park Water District

Profit & Loss Budget vs. Actual  
August 2021

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	<u>Aug 21</u>	<u>Budget</u>	<u>\$ Over Bud...</u>	<u>% of Budget</u>
Total 590.00 · CAPITAL EXPENSES & MAJOR MAINT	115.00			
Total Other Expense	115.00			
Net Other Income	-8,870.51	10,465.00	-19,335.51	-84.8%
Net Income	<u>8,015.78</u>	<u>39,281.33</u>	<u>-31,265.55</u>	<u>20.4%</u>

Buckingham Park Water District  
Profit & Loss Budget vs. Actual  
August 2021

REVENUE LESS THAN 100%

EXPENSES GREATER THAN 125%

VARIANCES/NOTES

Ordinary Income/Expense

	Aug 21	Budget	\$ Over Budget	% of Budget	
<b>Income</b>					
411.00 · WATER SALES					
411.10 · Residential	29,767.14	39,003.16	-9,236.02	76.32%	OK budget numbers based off of last years usage
411.20 · Commercial	125.49	283.17	-157.68	44.32%	OK budget numbers based off of last years usage
<b>Total 411.00 · WATER SALES</b>	<b>29,892.63</b>	<b>39,286.33</b>	<b>-9,393.70</b>	<b>76.09%</b>	
<b>421.00 · WATER SERVICES</b>					
421.30 · Standby or Availability Charges	0.00	525.00	-525.00	0.0%	
<b>421.50 · Other</b>					
421.51 · Residential Base Rate	33,292.56	33,365.42	-72.86	99.78%	OK
421.52 · Business Base Rate	297.92	297.92	0.00	100.0%	
<b>Total 421.50 · Other</b>	<b>33,590.48</b>	<b>33,663.34</b>	<b>-72.86</b>	<b>99.78%</b>	
<b>Total 421.00 · WATER SERVICES</b>	<b>33,590.48</b>	<b>34,188.34</b>	<b>-597.86</b>	<b>98.25%</b>	
<b>Total Income</b>	<b>63,483.11</b>	<b>73,474.67</b>	<b>-9,991.56</b>	<b>86.4%</b>	
<b>Gross Profit</b>	<b>63,483.11</b>	<b>73,474.67</b>	<b>-9,991.56</b>	<b>86.4%</b>	
<b>Expense</b>					
<b>ADMINISTRATIVE &amp; GENERAL</b>					
<b>561.00 · Salaries</b>					
561.10 · Wages	8,906.00	8,760.31	145.69	101.66%	
561.20 · Paid Time Off	682.03	1,132.54	-450.51	60.22%	
561.25 · Sick Pay	65.97	658.92	-592.95	10.01%	
561.30 · Holiday Pay	178.88	0.00	178.88	100.0%	
561.35 · Bereavement	0.00	164.75	-164.75	0.0%	
561.40 · Admin& General O.T. Wages	336.53	595.38	-258.85	56.52%	
561.45 · Standby Stipend	840.00	930.00	-90.00	90.32%	
561.50 · Call Back Pay	65.98	152.15	-86.17	43.37%	
<b>Total 561.00 · Salaries</b>	<b>11,075.39</b>	<b>12,394.05</b>	<b>-1,318.66</b>	<b>89.36%</b>	
<b>562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>					
562.10 · PG&E/Utilities	336.33	250.00	86.33	134.53%	OK varies
562.15 · Telephone	0.00	166.67	-166.67	0.0%	
562.20 · Internet	129.95	137.92	-7.97	94.22%	
562.25 · Cell Phone	75.48	83.30	-7.82	90.61%	
562.30 · Pest Control	84.00	91.67	-7.67	91.63%	
562.40 · Garbage	13.70	41.67	-27.97	32.88%	
562.45 · Alarm	0.00	29.17	-29.17	0.0%	
562.50 · Postage	447.66	283.34	164.32	157.99%	OK varies
562.55 · Office Supplies	109.87	291.67	-181.80	37.67%	
562.60 · Copy Equipment & Supplies	391.45	458.34	-66.89	85.41%	
562.65 · Office Equipment	0.00	20.84	-20.84	0.0%	
562.70 · Dues,Subscriptions, Memberships	69.99	416.67	-346.68	16.8%	
562.75 · Lien Filing & Recording Fees	0.00	8.34	-8.34	0.0%	
562.80 · Software License and Support	100.00	166.67	-66.67	60.0%	
562.85 · Bank Service Charges	20.00	291.67	-271.67	6.86%	

Buckingham Park Water District  
Profit & Loss Budget vs. Actual  
August 2021

REVENUE LESS THAN 100%

VARIANCES/NOTES

EXPENSES GREATER THAN 125%

	Aug 21	Budget	\$ Over Budget	% of Budget	
Total 562.00 · OFFICE SUPPLIES & OTHER EXPENSE	1,778.43	2,737.94	-959.51	64.96%	
563.00 · CONTRACTUAL SERVICES					
563.10 · Auditor	0.00	900.00	-900.00	0.0%	
563.20 · County Counsel	0.00	166.67	-166.67	0.0%	
563.40 · LAFCO	0.00	125.00	-125.00	0.0%	
563.50 · County of Lake Collection Svcs	0.00	83.34	-83.34	0.0%	
Total 563.00 · CONTRACTUAL SERVICES	0.00	1,275.01	-1,275.01	0.0%	
564.00 · PROPERTY INS.,INJURIES& DAMAGES					
564.10 · Liability Insurance	2,551.38	1,416.67	1,134.71	180.1%	insurance adjustment pmnt
Total 564.00 · PROPERTY INS.,INJURIES& DAMAGES	2,551.38	1,416.67	1,134.71	180.1%	
565.00 · EMPLOYEES RETIREMENT & BENEFITS					
565.10 · PERS Medical	2,929.44	4,000.00	-1,070.56	73.24%	
565.20 · PERS/ Pension/ Retirement	1,322.14	2,508.34	-1,186.20	52.71%	
565.30 · Payroll Taxes					
565.31 · FICA (Federal Ins.Contribution)	1,624.55	1,484.17	140.38	109.46%	
565.32 · SUI (State Unemployment Ins)	11.16	183.34	-172.18	6.09%	
Total 565.30 · Payroll Taxes	1,635.71	1,667.51	-31.80	98.09%	
565.40 · Workers Comp Insurance	519.41	625.00	-105.59	83.11%	
Total 565.00 · EMPLOYEES RETIREMENT & BENEFITS	6,406.70	8,800.85	-2,394.15	72.8%	
568.00 · MAINTENANCE - GENERAL PLANT					
568.10 · Supplies	0.00	125.00	-125.00	0.0%	
Total 568.00 · MAINTENANCE - GENERAL PLANT	0.00	125.00	-125.00	0.0%	
569.00 · OTHER					
569.10 · Employee Uniforms	0.00	41.67	-41.67	0.0%	
569.20 · Seminar/Training Registration	11,150.00	41.67	11,108.33	26,757.86%	needs corrected/CSDA conference AW,LG will be getting reimbursed
569.30 · Training-lodging,meals& mileage	-9,743.20	50.00	-9,793.20	-19,486.4%	need to look into
569.40 · Mileage Expense	0.00	8.34	-8.34	0.0%	
569.45 · Outside Services	0.00	125.00	-125.00	0.0%	
Total 569.00 · OTHER	1,406.80	266.68	1,140.12	527.52%	
Total ADMINISTRATIVE & GENERAL	23,218.70	27,016.20	-3,797.50	85.94%	
CUSTOMER ACCOUNTS					
551.00 · SUPERVISION,METER READING&OTHER					
551.10 · Wages	409.90	353.69	56.21	115.89%	
Total 551.00 · SUPERVISION,METER READING&OTHER	409.90	353.69	56.21	115.89%	
Total CUSTOMER ACCOUNTS	409.90	353.69	56.21	115.89%	
PUMPING					
521.00 · SUPERVISION, LABOR & EXPENSE					
521.10 · Wages	0.00	25.50	-25.50	0.0%	
521.20 · PG&E / Electricity	2,450.58	1,625.00	825.58	150.81%	OK varies
Total 521.00 · SUPERVISION, LABOR & EXPENSE	2,450.58	1,650.50	800.08	148.48%	
522.00 · MAINTENANCE,STRUCTURES & IMPROV					
522.10 · Outside Services	46.12	166.67	-120.55	27.67%	
522.20 · Supplies	0.00	8.34	-8.34	0.0%	

Buckingham Park Water District  
Profit & Loss Budget vs. Actual  
August 2021

REVENUE LESS THAN 100%

EXPENSES GREATER THAN 125%

VARIANCES/NOTES

	Aug 21	Budget	\$ Over Budget	% of Budget	
Total 522.00 · MAINTENANCE,STRUCTURES & IMPROV	46.12	175.01	-128.89	26.35%	
Total PUMPING	2,496.70	1,825.51	671.19	136.77%	
SOURCE OF SUPPLY					
511.00 · SUPERVISION, LABOR & EXPENSES					
511.10 · Wages	0.00	23.62	-23.62	0.0%	
511.20 · PG&E / Electricity	894.66	650.00	244.66	137.64%	Varies
512.40 · Testing	581.50	472.09	109.41	123.18%	
Total 511.00 · SUPERVISION, LABOR & EXPENSES	1,476.16	1,145.71	330.45	128.84%	
512.00 · MAINTENANCE/STRUCTURES & IMPROV					
512.20 · Supplies	0.00	9.17	-9.17	0.0%	
Total 512.00 · MAINTENANCE/STRUCTURES & IMPROV	0.00	9.17	-9.17	0.0%	
Total SOURCE OF SUPPLY	1,476.16	1,154.88	321.28	127.82%	
TRANSMISSION & DISTRIBUTION					
541.00 · SUPERVISION, LABOR & EXPENSES					
541.10 · Wages	2,628.31	1,685.85	942.46	155.9%	ok varies
541.20 · PG&E / Electricity	301.36	250.00	51.36	120.54%	
541.30 · Parts & Meters	-104.16				
541.40 · Safety & Security	0.00	125.00	-125.00	0.0%	
541.50 · State Water Board Licensing	0.00	133.34	-133.34	0.0%	
541.60 · Mileage Expense	234.68	306.70	-72.02	76.52%	
541.70 · Testing	70.00	237.50	-167.50	29.47%	
541.75 · Propane	0.00	41.67	-41.67	0.0%	
Total 541.00 · SUPERVISION, LABOR & EXPENSES	3,130.19	2,780.06	350.13	112.59%	
542.00 · MAINTENANCE,STRUCTURES & IMPROV					
542.50 · Maintenance Projects	4,363.66	1,250.00	3,113.66	349.09%	Leak repairs/ cleaning out drying beds
542.10 · Outside Services	271.34	166.67	104.67	162.8%	2sack slurry leak repair
542.20 · Supplies	164.94	83.34	81.60	197.91%	supplies for floating emergency pump
542.30 · Tools	0.00	166.67	-166.67	0.0%	
542.40 · Equipment Rental	0.00	29.00	-29.00	0.0%	
Total 542.00 · MAINTENANCE,STRUCTURES & IMPROV	4,799.94	1,695.68	3,104.26	283.07%	
Total TRANSMISSION & DISTRIBUTION	7,930.13	4,475.74	3,454.39	177.18%	
WATER TREATMENT					
531.00 · SUPERVISION, LABOR & EXPENSE					
531.10 · Wages	7,122.13	6,955.62	166.51	102.39%	
531.15 · PG&E / Electricity	466.78	312.50	154.28	149.37%	Varies
531.20 · Chemicals-PreChlor Sodium Hypo	629.69	333.34	296.35	188.9%	price increase for CL2
531.25 · Chemicals-PostChlor Sodium Hypo	966.30	416.67	549.63	231.91%	price increase for CL2
531.30 · Chemicals - Coaglutent	1,220.50	666.67	553.83	183.07%	Larger amount ordered due to availability in shipping
531.35 · Chemicals - Coagulent Aid	0.00	50.00	-50.00	0.0%	
531.40 · Testing - Lab	247.50	250.00	-2.50	99.0%	
531.45 · In Plant Test	0.00	175.00	-175.00	0.0%	
531.55 · State Water Board Licensing	0.00	133.34	-133.34	0.0%	
531.60 · CUPA Permit & other permits	350.36	125.00	225.36	280.29%	enchroment permits for leak repairs

Buckingham Park Water District  
Profit & Loss Budget vs. Actual  
August 2021

REVENUE LESS THAN 100%

VARIANCES/NOTES

EXPENSES GREATER THAN 125%

	Aug 21	Budget	\$ Over Budget	% of Budget
531.70 · Alarm	0.00	26.67	-26.67	0.0%
531.75 · Propane	0.00	83.34	-83.34	0.0%
<b>Total 531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>	<b>11,003.26</b>	<b>9,528.15</b>	<b>1,475.11</b>	<b>115.48%</b>
532.00 · MAINTENANCE,STRUCTURES & IMPROV				
532.10 · Outside Services	0.00	41.67	-41.67	0.0%
532.20 · Supplies	61.97	125.00	-63.03	49.58%
532.30 · Tools	0.00	50.00	-50.00	0.0%
532.40 · Equipment Rental	0.00	87.50	-87.50	0.0%
<b>Total 532.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>	<b>61.97</b>	<b>304.17</b>	<b>-242.20</b>	<b>20.37%</b>
<b>Total WATER TREATMENT</b>	<b>11,065.23</b>	<b>9,832.32</b>	<b>1,232.91</b>	<b>112.54%</b>
<b>Total Expense</b>	<b>46,596.82</b>	<b>44,658.34</b>	<b>1,938.48</b>	<b>104.34%</b>
Net Ordinary Income	16,886.29	28,816.33	-11,930.04	58.6%
Other Income/Expense				
Other Income				
NON-OPERATING REVENUE				
493.00 · TAXES & ASSESSMENTS		0.00	#VALUE!	100.0%
498.00 · OTHER NON-OPERATING REVENUES				
498.10 · LATE FEES & PENALTIES				
Carrying Charges	180.00	0.00	180.00	100.0%
<b>Total 498.10 · LATE FEES &amp; PENALTIES</b>	<b>180.00</b>	<b>0.00</b>	<b>180.00</b>	<b>100.0%</b>
498.20 · Application Processing Fee	750.00	0.00	750.00	100.0%
498.45 · CIP Reserve	10,373.00	10,465.00	-92.00	99.12% OK
<b>Total 498.00 · OTHER NON-OPERATING REVENUES</b>	<b>11,303.00</b>	<b>10,465.00</b>	<b>838.00</b>	<b>108.01%</b>
<b>Total NON-OPERATING REVENUE</b>	<b>11,303.00</b>	<b>10,465.00</b>	<b>838.00</b>	<b>108.01%</b>
<b>Total Other Income</b>	<b>11,303.00</b>	<b>10,465.00</b>	<b>838.00</b>	<b>108.01%</b>
Other Expense				
590.00 · CAPITAL EXPENSES & MAJOR MAINT				
590.10 · SMALL CAPITAL PROJECTS	115.00	0.00	115.00	100.0%
<b>Total 590.00 · CAPITAL EXPENSES &amp; MAJOR MAINT</b>	<b>115.00</b>	<b>0.00</b>	<b>115.00</b>	<b>100.0%</b>
<b>Total Other Expense</b>	<b>115.00</b>	<b>0.00</b>	<b>115.00</b>	<b>100.0%</b>
<b>Net Other Income</b>	<b>11,188.00</b>	<b>10,465.00</b>	<b>723.00</b>	<b>106.91%</b>
<b>Net Income</b>	<b>28,074.29</b>	<b>39,281.33</b>	<b>-11,207.04</b>	<b>71.47%</b>

1:43 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

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<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>	<u>Balance</u>
411.00 · WATER SALES						
411.10 · Residential						
General Journal	08/31/2021	47034	Water Sales	October 2016	29,767.14	29,767.14
Total 411.10 · Residential					29,767.14	29,767.14
Total 411.00 · WATER SALES					29,767.14	29,767.14
TOTAL					<u>29,767.14</u>	<u>29,767.14</u>

1:44 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>	<u>Balance</u>
411.00 · WATER SALES						
411.20 · Commercial						
General Journal	08/31/2021	47034	Water Sales	October 2016	125.49	125.49
Total 411.20 · Commercial					125.49	125.49
Total 411.00 · WATER SALES					125.49	125.49
<b>TOTAL</b>					<b>125.49</b>	<b>125.49</b>



1:44 PM  
 09/20/21  
 Accrual Basis

**Buckingham Park Water District  
 Transaction Detail By Account  
 August 2021**

Type	Date	Num	Name	Memo	Amount
421.00 · WATER SERVICES					
421.50 · Other					
421.51 · Residential Base Rate					
General Journal	08/31/2021	47034	Water Sales	October 2016	33,292.56
Total 421.51 · Residential Base Rate					<u>33,292.56</u>
Total 421.50 · Other					<u>33,292.56</u>
Total 421.00 · WATER SERVICES					<u>33,292.56</u>
<b>TOTAL</b>					<b><u><u>33,292.56</u></u></b>

1:45 PM  
 09/20/21  
 Accrual Basis

**Buckingham Park Water District  
 Transaction Detail By Account  
 August 2021**

Type	Date	Num	Name	Memo	Amount
<b>ADMINISTRATIVE &amp; GENERAL</b>					
<b>562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>					
<b>562.10 · PG&amp;E/Utilities</b>					
Check	08/25/2021	ACH	PG&E	Office Power	258.54
Check	08/25/2021	ACH	PG&E	Plant Office	77.79
Total 562.10 · PG&E/Utilities					<u>336.33</u>
Total 562.00 · OFFICE SUPPLIES & OTHER EXPENSE					<u>336.33</u>
Total ADMINISTRATIVE & GENERAL					<u>336.33</u>
<b>TOTAL</b>					<u><u>336.33</u></u>

1:45 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount
<b>ADMINISTRATIVE &amp; GENERAL</b>					
<b>562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>					
<b>562.50 · Postage</b>					
Check	08/02/2021	ACH	Pitney Bowes-Reserve 48049399	48049399	300.00
Bill	08/27/2021	310492...	Pitney Bowes-Reserve 48049399		147.66
Total 562.50 · Postage					447.66
Total 562.00 · OFFICE SUPPLIES & OTHER EXPENSE					447.66
Total ADMINISTRATIVE & GENERAL					447.66
<b>TOTAL</b>					<b>447.66</b>

1:48 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
August 2021**

Type	Date	Num	Name	Memo	Amount
<b>ADMINISTRATIVE &amp; GENERAL</b>					
569.00 · OTHER					
569.20 · Seminar/Training Registration					
Bill	08/16/2021	4866-9...	US Bank	Ahimsah - CSDA Conference / Lori - CSDA Conference	1,150.00
Total 569.20 · Seminar/Training Registration					1,150.00
Total 569.00 · OTHER					1,150.00
Total ADMINISTRATIVE & GENERAL					1,150.00
<b>TOTAL</b>					<b>1,150.00</b>

2:16 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>ADMINISTRATIVE &amp; GENERAL</b>						
<b>565.00 · EMPLOYEES RETIREMENT &amp; BENEFITS</b>						
<b>565.40 · Workers Comp Insurance</b>						
General Journal	08/01/2021	47022	Special District Risk ...	SDRMA Workers Comp 19/20 (Inv #65929)	0.00	0.00
General Journal	08/01/2021	47027	Special District Risk ...	SDRMA Workers Comp 21/22 (Inv #69772)	519.41	519.41
General Journal	08/01/2021	47023	Special District Risk ...	SDRMA - 21/22 WC (Inv#70218)	1,504.32	2,023.73
Bill	08/17/2021	70778	Special District Risk ...	Audited Annual Adjusted Contribution	1,047.06	3,070.79
Total 565.40 · Workers Comp Insurance					3,070.79	3,070.79
Total 565.00 · EMPLOYEES RETIREMENT & BENEFITS					3,070.79	3,070.79
Total ADMINISTRATIVE & GENERAL					3,070.79	3,070.79
<b>TOTAL</b>					<b>3,070.79</b>	<b>3,070.79</b>

1:48 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount
<b>PUMPING</b>					
521.00 · SUPERVISION, LABOR & EXPENSE					
521.20 · PG&E / Electricity					
Check	08/25/2021	ACH	PG&E	Pumping Power	2,450.58
Total 521.20 · PG&E / Electricity					2,450.58
Total 521.00 · SUPERVISION, LABOR & EXPENSE					2,450.58
Total PUMPING					2,450.58
<b>TOTAL</b>					<b>2,450.58</b>

1:49 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount
SOURCE OF SUPPLY					
511.00 · SUPERVISION, LABOR & EXPENSES					
511.20 · PG&E / Electricity					
Check	08/25/2021	ACH	PG&E	Intake Power	894.66
Total 511.20 · PG&E / Electricity					894.66
Total 511.00 · SUPERVISION, LABOR & EXPENSES					894.66
Total SOURCE OF SUPPLY					894.66
TOTAL					<u>894.66</u>

1:49 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount
<b>TRANSMISSION &amp; DISTRIBUTION</b>					
<b>541.00 · SUPERVISION, LABOR &amp; EXPENSES</b>					
<b>541.10 · Wages</b>					
Paycheck	08/06/2021	2725	Alan Mitchell		535.63
Paycheck	08/06/2021	2728	William A Rae		758.66
Paycheck	08/20/2021	2745	Alan Mitchell		696.31
Paycheck	08/20/2021	2747	William A Rae		637.71
Total 541.10 · Wages					2,628.31
Total 541.00 · SUPERVISION, LABOR & EXPENSES					2,628.31
Total TRANSMISSION & DISTRIBUTION					2,628.31
<b>TOTAL</b>					<b>2,628.31</b>



1:50 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount
<b>TRANSMISSION &amp; DISTRIBUTION</b>					
<b>542.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>					
<b>542.50 · Maintenance Projects</b>					
Bill	08/11/2021		Terri Lujan	Equipment Rental for service line repair Eastlake ...	1,000.00
Bill	08/13/2021	41278	PACE ENGIN...	Site Visit & Contractor Questions	292.50
Bill	08/20/2021	9125-21	Chernoh Exca...	ELD Repair (HOA)	550.00
Bill	08/26/2021	04-004...	County of Lak...	Clean out drying bed	571.16
Bill	08/26/2021		Terri Lujan	Equipment Rental, clean out Drying Bed	1,950.00
Total 542.50 · Maintenance Projects					4,363.66
Total 542.00 · MAINTENANCE,STRUCTURES & IMPROV					4,363.66
Total TRANSMISSION & DISTRIBUTION					4,363.66
<b>TOTAL</b>					<b>4,363.66</b>

1:50 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount
<b>TRANSMISSION &amp; DISTRIBUTION</b>					
<b>542.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>					
<b>542.10 · Outside Services</b>					
Bill	08/15/2021	9275	Clearlake Lav...	ELD Repair (HOA)	271.34
Total 542.10 · Outside Services					271.34
Total 542.00 · MAINTENANCE,STRUCTURES & IMPROV					271.34
Total TRANSMISSION & DISTRIBUTION					271.34
<b>TOTAL</b>					<b>271.34</b>

1:50 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount
<b>TRANSMISSION &amp; DISTRIBUTION</b>					
542.00 · MAINTENANCE,STRUCTURES & IMPROV					
542.20 · Supplies					
Bill	08/16/2021	4866-9...	US Bank	Gas	164.94
Total 542.20 · Supplies					164.94
Total 542.00 · MAINTENANCE,STRUCTURES & IMPROV					164.94
Total TRANSMISSION & DISTRIBUTION					164.94
<b>TOTAL</b>					<b>164.94</b>

1:51 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
<b>WATER TREATMENT</b>					
<b>531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>					
<b>531.15 · PG&amp;E / Electricity</b>					
Check	08/25/2021	ACH	PG&E	Plant Power	466.78
Total 531.15 · PG&E / Electricity					466.78
Total 531.00 · SUPERVISION, LABOR & EXPENSE					466.78
Total WATER TREATMENT					466.78
<b>TOTAL</b>					<b>466.78</b>

1:55 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Name	Memo	Amount
<b>WATER TREATMENT</b>					
<b>531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>					
<b>531.20 · Chemicals-PreChlor Sodium Hypo</b>					
General Journal	08/31/2021	47037		Expense pre-chlor for August 2021 - 146.1 Gal	629.69
Total 531.20 · Chemicals-PreChlor Sodium Hypo					629.69
Total 531.00 · SUPERVISION, LABOR & EXPENSE					629.69
Total WATER TREATMENT					629.69
<b>TOTAL</b>					<b>629.69</b>

1:55 PM  
 09/20/21  
 Accrual Basis

**Buckingham Park Water District  
 Transaction Detail By Account  
 August 2021**

Type	Date	Num	Name	Memo	Amount
<b>WATER TREATMENT</b>					
<b>531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>					
<b>531.25 · Chemicals-PostChlor Sodium Hypo</b>					
General Journal	08/31/2021	47037		Expense post-chlor for August 2021 - 224.2 Gal	966.30
Total 531.25 · Chemicals-PostChlor Sodium Hypo					<u>966.30</u>
Total 531.00 · SUPERVISION, LABOR & EXPENSE					<u>966.30</u>
Total WATER TREATMENT					<u>966.30</u>
<b>TOTAL</b>					<b><u><u>966.30</u></u></b>

1:56 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Memo	Amount
<b>WATER TREATMENT</b>				
<b>531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>				
<b>531.30 · Chemicals - Coagulant</b>				
General Journal	08/31/2021	47036	Coagulant Expense for August 2021 = 143.5 / Coagulant Aid for ...	1,220.50
Total 531.30 · Chemicals - Coagulant				1,220.50
Total 531.00 · SUPERVISION, LABOR & EXPENSE				1,220.50
Total WATER TREATMENT				1,220.50
<b>TOTAL</b>				<b>1,220.50</b>

1:56 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
August 2021

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Type	Date	Num	Memo	Amount
<b>WATER TREATMENT</b>				
531.00 · SUPERVISION, LABOR & EXPENSE				
531.60 · CUPA Permit & other permits				
Check	08/04/2021	2743	Permit for service line repair at 2850 Eastlake Drive	220.00
Bill	08/09/2021	3353	Lakebed Annual Encroachment Fee	130.36
Total 531.60 · CUPA Permit & other permits				350.36
Total 531.00 · SUPERVISION, LABOR & EXPENSE				350.36
Total WATER TREATMENT				350.36
<b>TOTAL</b>				<b>350.36</b>

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1:57 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**August 2021**

Type	Date	Num	Memo	Amount
<b>NON-OPERATING REVENUE</b>				
<b>498.00 · OTHER NON-OPERATING REVENUES</b>				
<b>498.45 · CIP Reserve</b>				
General Journal	08/31/2021	47034	October 2016	10,373.00
Total 498.45 · CIP Reserve				10,373.00
Total 498.00 · OTHER NON-OPERATING REVENUES				10,373.00
Total NON-OPERATING REVENUE				10,373.00
<b>TOTAL</b>				<b>10,373.00</b>

10:00 AM  
09/24/21  
Accrual Basis

## Buckingham Park Water District

Profit & Loss Budget vs. Actual  
July through August 2021

	Jul - Aug 21	Budget	\$ Over Bud...	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
411.00 · WATER SALES				
411.10 · Residential	60,565.24	73,111.69	-12,546.45	82.8%
411.20 · Commercial	250.98	611.06	-360.08	41.1%
<b>Total 411.00 · WATER SALES</b>	<b>60,816.22</b>	<b>73,722.75</b>	<b>-12,906.53</b>	<b>82.5%</b>
421.00 · WATER SERVICES				
421.30 · Standby or Availability Charges	0.00	1,050.00	-1,050.00	0.0%
421.50 · Other				
421.51 · Residential Base Rate	66,659.60	66,730.80	-71.20	99.9%
421.52 · Business Base Rate	595.84	595.80	0.04	100.0%
<b>Total 421.50 · Other</b>	<b>67,255.44</b>	<b>67,326.60</b>	<b>-71.16</b>	<b>99.9%</b>
<b>Total 421.00 · WATER SERVICES</b>	<b>67,255.44</b>	<b>68,376.60</b>	<b>-1,121.16</b>	<b>98.4%</b>
<b>Total Income</b>	<b>128,071.66</b>	<b>142,099.35</b>	<b>-14,027.69</b>	<b>90.1%</b>
<b>Gross Profit</b>	<b>128,071.66</b>	<b>142,099.35</b>	<b>-14,027.69</b>	<b>90.1%</b>
<b>Expense</b>				
<b>ADMINISTRATIVE &amp; GENERAL</b>				
561.00 · Salaries				
561.10 · Wages	15,765.39	17,521.62	-1,756.23	90.0%
561.20 · Paid Time Off	2,902.56	2,265.08	637.48	128.1%
561.25 · Sick Pay	514.98	1,316.88	-801.90	39.1%
561.30 · Holiday Pay	979.84	988.40	-8.56	99.1%
561.35 · Bereavement	0.00	332.50	-332.50	0.0%
561.40 · Admin & General O.T. Wages	673.99	1,190.80	-516.81	56.6%
561.45 · Standby Stipend	1,680.00	1,860.00	-180.00	90.3%
561.50 · Call Back Pay	455.06	304.34	150.72	149.5%
<b>Total 561.00 · Salaries</b>	<b>22,971.82</b>	<b>25,779.62</b>	<b>-2,807.80</b>	<b>89.1%</b>
562.00 · OFFICE SUPPLIES & OTHER EXPENSE				
562.10 · PG&E/Utilities	708.80	500.00	208.80	141.8%
562.15 · Telephone	362.45	333.30	29.15	108.7%
562.20 · Internet	259.90	275.80	-15.90	94.2%
562.25 · Cell Phone	171.95	166.60	5.35	103.2%
562.30 · Pest Control	168.00	183.30	-15.30	91.7%
562.40 · Garbage	13.70	83.30	-69.60	16.4%
562.45 · Alarm	80.00	58.30	21.70	137.2%
562.50 · Postage	747.66	566.60	181.06	132.0%
562.55 · Office Supplies	372.50	583.30	-210.80	63.9%
562.60 · Copy Equipment & Supplies	782.90	916.60	-133.70	85.4%
562.65 · Office Equipment	0.00	41.60	-41.60	0.0%
562.70 · Dues,Subscriptions, Memberships	219.99	833.30	-613.31	26.4%
562.75 · Lien Filing & Recording Fees	0.00	16.60	-16.60	0.0%
562.80 · Software License and Support	489.00	333.30	155.70	146.7%
562.85 · Bank Service Charges	318.04	583.30	-265.26	54.5%
<b>Total 562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>	<b>4,694.89</b>	<b>5,475.20</b>	<b>-780.31</b>	<b>85.7%</b>
563.00 · CONTRACTUAL SERVICES				
563.10 · Auditor	9,750.00	1,800.00	7,950.00	541.7%
563.20 · County Counsel	0.00	333.30	-333.30	0.0%
563.40 · LAFCO	0.00	250.00	-250.00	0.0%
563.50 · County of Lake Collection Svcs	0.00	166.60	-166.60	0.0%
<b>Total 563.00 · CONTRACTUAL SERVICES</b>	<b>9,750.00</b>	<b>2,549.90</b>	<b>7,200.10</b>	<b>382.4%</b>
564.00 · PROPERTY INS.,INJURIES& DAMAGES				
564.10 · Liability Insurance	1,504.32	2,833.30	-1,328.98	53.1%
<b>Total 564.00 · PROPERTY INS.,INJURIES&amp; DAMAGES</b>	<b>1,504.32</b>	<b>2,833.30</b>	<b>-1,328.98</b>	<b>53.1%</b>
565.00 · EMPLOYEES RETIREMENT & BENEFITS				
565.10 · PERS Medical	5,858.88	8,000.00	-2,141.12	73.2%

10:00 AM  
09/24/21  
Accrual Basis

## Buckingham Park Water District

Profit & Loss Budget vs. Actual  
July through August 2021

	Jul - Aug 21	Budget	\$ Over Bud...	% of Budget
565.20 · PERS/ Pension/ Retirement	2,658.24	5,016.60	-2,358.36	53.0%
565.30 · Payroll Taxes				
565.31 · FICA (Federal Ins.Contribution)	3,268.27	2,968.30	299.97	110.1%
565.32 · SUI (State Unemployment Ins)	22.32	366.60	-344.28	6.1%
Total 565.30 · Payroll Taxes	3,290.59	3,334.90	-44.31	98.7%
565.40 · Workers Comp Insurance	3,590.20	1,250.00	2,340.20	287.2%
Total 565.00 · EMPLOYEES RETIREMENT & BENEFITS	15,397.91	17,601.50	-2,203.59	87.5%
568.00 · MAINTENANCE - GENERAL PLANT				
568.10 · Supplies	64.37	250.00	-185.63	25.7%
Total 568.00 · MAINTENANCE - GENERAL PLANT	64.37	250.00	-185.63	25.7%
569.00 · OTHER				
569.10 · Employee Uniforms	0.00	83.30	-83.30	0.0%
569.20 · Seminar/Training Registration	1,150.00	83.30	1,066.70	1,380.6%
569.30 · Training-lodging,meals& mileage	256.80	100.00	156.80	256.8%
569.40 · Mileage Expense	0.00	16.60	-16.60	0.0%
569.45 · Outside Services	188.76	250.00	-61.24	75.5%
Total 569.00 · OTHER	1,595.56	533.20	1,062.36	299.2%
Total ADMINISTRATIVE & GENERAL	55,978.87	55,022.72	956.15	101.7%
CUSTOMER ACCOUNTS				
551.00 · SUPERVISION,METER READING&OTHER				
551.10 · Wages	1,058.30	707.38	350.92	149.6%
Total 551.00 · SUPERVISION,METER READING&OTHER	1,058.30	707.38	350.92	149.6%
Total CUSTOMER ACCOUNTS	1,058.30	707.38	350.92	149.6%
PUMPING				
521.00 · SUPERVISION, LABOR & EXPENSE				
521.10 · Wages	0.00	51.00	-51.00	0.0%
521.20 · PG&E / Electricity	4,957.42	3,250.00	1,707.42	152.5%
Total 521.00 · SUPERVISION, LABOR & EXPENSE	4,957.42	3,301.00	1,656.42	150.2%
522.00 · MAINTENANCE,STRUCTURES & IMPROV				
522.10 · Outside Services	195.50	333.30	-137.80	58.7%
522.20 · Supplies	0.00	16.60	-16.60	0.0%
Total 522.00 · MAINTENANCE,STRUCTURES & IMPROV	195.50	349.90	-154.40	55.9%
Total PUMPING	5,152.92	3,650.90	1,502.02	141.1%
SOURCE OF SUPPLY				
511.00 · SUPERVISION, LABOR & EXPENSES				
511.10 · Wages	0.00	47.24	-47.24	0.0%
511.20 · PG&E / Electricity	1,809.86	1,300.00	509.86	139.2%
512.40 · Testing	2,434.50	944.10	1,490.40	257.9%
Total 511.00 · SUPERVISION, LABOR & EXPENSES	4,244.36	2,291.34	1,953.02	185.2%
512.00 · MAINTENANCE/STRUCTURES & IMPROV				
512.20 · Supplies	43.80	18.30	25.50	239.3%
Total 512.00 · MAINTENANCE/STRUCTURES & IMPROV	43.80	18.30	25.50	239.3%
Total SOURCE OF SUPPLY	4,288.16	2,309.64	1,978.52	185.7%
TRANSMISSION & DISTRIBUTION				
541.00 · SUPERVISION, LABOR & EXPENSES				
541.10 · Wages	4,108.94	3,371.66	737.28	121.9%
541.20 · PG&E / Electricity	571.29	500.00	71.29	114.3%
541.30 · Parts & Meters	-208.32			
541.40 · Safety & Security	0.00	250.00	-250.00	0.0%
541.50 · State Water Board Licensing	0.00	266.60	-266.60	0.0%

10:00 AM  
09/24/21  
Accrual Basis

## Buckingham Park Water District

Profit & Loss Budget vs. Actual  
July through August 2021

	Jul - Aug 21	Budget	\$ Over Bud...	% of Budget
541.60 · Mileage Expense	284.68	514.96	-230.28	55.3%
541.70 · Testing	515.00	475.00	40.00	108.4%
541.75 · Propane	0.00	83.30	-83.30	0.0%
<b>Total 541.00 · SUPERVISION, LABOR &amp; EXPENSES</b>	<b>5,271.59</b>	<b>5,461.52</b>	<b>-189.93</b>	<b>96.5%</b>
542.00 · MAINTENANCE,STRUCTURES & IMPROV				
542.50 · Maintenance Projects	6,337.15	2,500.00	3,837.15	253.5%
542.10 · Outside Services	271.34	333.30	-61.96	81.4%
542.20 · Supplies	209.94	166.60	43.34	126.0%
542.30 · Tools	39.88	333.30	-293.42	12.0%
542.40 · Equipment Rental	0.00	58.00	-58.00	0.0%
<b>Total 542.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>	<b>6,858.31</b>	<b>3,391.20</b>	<b>3,467.11</b>	<b>202.2%</b>
<b>Total TRANSMISSION &amp; DISTRIBUTION</b>	<b>12,129.90</b>	<b>8,852.72</b>	<b>3,277.18</b>	<b>137.0%</b>
<b>WATER TREATMENT</b>				
531.00 · SUPERVISION, LABOR & EXPENSE				
531.10 · Wages	14,583.45	13,911.20	672.25	104.8%
531.15 · PG&E / Electricity	944.28	625.00	319.28	151.1%
531.20 · Chemicals-PreChlor Sodium Hypo	1,119.18	666.60	452.58	167.9%
531.25 · Chemicals-PostChlor Sodium Hypo	1,866.23	833.30	1,032.93	224.0%
531.30 · Chemicals - Coagulent	2,226.35	1,333.30	893.05	167.0%
531.35 · Chemicals - Coagulent Aid	299.22	100.00	199.22	299.2%
531.40 · Testing - Lab	1,130.42	500.00	630.42	226.1%
531.45 · In Plant Test	320.58	350.00	-29.42	91.6%
531.55 · State Water Board Licensing	0.00	266.60	-266.60	0.0%
531.60 · CUPA Permit & other permits	570.36	250.00	320.36	228.1%
531.70 · Alarm	88.58	53.30	35.28	166.2%
531.75 · Propane	0.00	166.60	-166.60	0.0%
<b>Total 531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>	<b>23,148.65</b>	<b>19,055.90</b>	<b>4,092.75</b>	<b>121.5%</b>
532.00 · MAINTENANCE,STRUCTURES & IMPROV				
532.10 · Outside Services	177.52	83.30	94.22	213.1%
532.20 · Supplies	90.16	250.00	-159.84	36.1%
532.30 · Tools	175.00	100.00	75.00	175.0%
532.40 · Equipment Rental	0.00	175.00	-175.00	0.0%
<b>Total 532.00 · MAINTENANCE,STRUCTURES &amp; IMPROV</b>	<b>442.68</b>	<b>608.30</b>	<b>-165.62</b>	<b>72.8%</b>
<b>Total WATER TREATMENT</b>	<b>23,591.33</b>	<b>19,664.20</b>	<b>3,927.13</b>	<b>120.0%</b>
<b>Total Expense</b>	<b>102,199.48</b>	<b>90,207.56</b>	<b>11,991.92</b>	<b>113.3%</b>
<b>Net Ordinary Income</b>	<b>25,872.18</b>	<b>51,891.79</b>	<b>-26,019.61</b>	<b>49.9%</b>
<b>Other Income/Expense</b>				
<b>Other Income</b>				
<b>NON-OPERATING REVENUE</b>				
492.00 · INTEREST REVENUE				
492.20 · Bank/Investment Interest Receiv	790.92	0.00	790.92	100.0%
<b>Total 492.00 · INTEREST REVENUE</b>	<b>790.92</b>	<b>0.00</b>	<b>790.92</b>	<b>100.0%</b>
493.00 · TAXES & ASSESSMENTS	-20,058.51			
498.00 · OTHER NON-OPERATING REVENUES				
498.10 · LATE FEES & PENALTIES				
Backflow Assessments	-150.00			
Carrying Charges	75.00			
<b>Total 498.10 · LATE FEES &amp; PENALTIES</b>	<b>-75.00</b>			
498.15 · Resumption of Service Fee	125.00			
498.20 · Application Processing Fee	900.00			
498.30 · Returned Check Charge	35.00			
498.45 · CIP Reserve	20,769.00	20,930.00	-161.00	99.2%
<b>Total 498.00 · OTHER NON-OPERATING REVENUES</b>	<b>21,754.00</b>	<b>20,930.00</b>	<b>824.00</b>	<b>103.9%</b>

10:00 AM  
09/24/21  
Accrual Basis

## Buckingham Park Water District

Profit & Loss Budget vs. Actual  
July through August 2021

	Jul - Aug 21	Budget	\$ Over Bud...	% of Budget
Total NON-OPERATING REVENUE	2,486.41	20,930.00	-18,443.59	11.9%
Total Other Income	2,486.41	20,930.00	-18,443.59	11.9%
Other Expense				
590.00 · CAPITAL EXPENSES & MAJOR MAINT				
590.10 · SMALL CAPITAL PROJECTS	230.00			
Total 590.00 · CAPITAL EXPENSES & MAJOR MAINT	230.00			
Total Other Expense	230.00			
Net Other Income	2,256.41	20,930.00	-18,673.59	10.8%
Net Income	28,128.59	72,821.79	-44,693.20	38.6%

**Buckingham Park Water District**  
Profit & Loss Budget vs. Actual  
July through August 2021

REVENUE LESS THAN 100%

EXPENSES GREATER THAN 125%

VARIANCES/NOTES

Ordinary Income/Expense

Income

411.00 · WATER SALES

411.10 · Residential

60,565.24 73,111.69 -12,546.45

82.84% OK based off last years sales

411.20 · Commercial

250.98 611.06 -360.08

41.07% OK based off last years sales

Total 411.00 · WATER SALES

60,816.22 73,722.75 -12,906.53

82.49%

421.00 · WATER SERVICES

421.30 · Standby or Availability Charges

0.00 1,050.00 -1,050.00 0.0%

421.50 · Other

421.51 · Residential Base Rate

66,659.60 66,730.80 -71.20

99.89% OK

421.52 · Business Base Rate

595.84 595.80 0.04

100.01%

Total 421.50 · Other

67,255.44 67,326.60 -71.16

99.89%

Total 421.00 · WATER SERVICES

67,255.44 68,376.60 -1,121.16

98.36%

Total Income

128,071.66 142,099.35 -14,027.69

90.13%

Gross Profit

128,071.66 142,099.35 -14,027.69

90.13%

Expense

ADMINISTRATIVE & GENERAL

561.00 · Salaries

561.10 · Wages

15,765.39 17,521.62 -1,756.23

89.98%

561.20 · Paid Time Off

2,902.56 2,265.08 637.48

128.14% OK

561.25 · Sick Pay

514.98 1,316.88 -801.90

39.11%

561.30 · Holiday Pay

979.84 988.40 -8.56

99.13%

561.35 · Bereavement

0.00 332.50 -332.50

0.0%

561.40 · Admin & General O.T. Wages

673.99 1,190.80 -516.81

56.6%

561.45 · Standby Stipend

1,680.00 1,860.00 -180.00

90.32%

561.50 · Call Back Pay

455.06 304.34 150.72

149.52% OK higher than normal alarms

Total 561.00 · Salaries

22,971.82 25,779.62 -2,807.80

89.11%

562.00 · OFFICE SUPPLIES & OTHER EXPENSE

562.10 · PG&E/Utilities

708.80 500.00 208.80

141.76% ok Varies

562.15 · Telephone

180.26 333.30 -153.04

54.08%

562.20 · Internet

259.90 275.80 -15.90

94.24%

562.25 · Cell Phone

171.95 166.60 5.35

103.21%

562.30 · Pest Control

168.00 183.30 -15.30

91.65%

562.40 · Garbage

13.70 83.30 -69.60

16.45%

562.45 · Alarm

80.00 58.30 21.70

137.22% Annual system test

562.50 · Postage

747.66 566.60 181.06

131.96% ok Varies

562.55 · Office Supplies

372.50 583.30 -210.80

63.86%

562.60 · Copy Equipment & Supplies

782.90 916.60 -133.70

85.41%

**Buckingham Park Water District**  
Profit & Loss Budget vs. Actual  
July through August 2021

REVENUE LESS THAN 100%

VARIANCES/NOTES

EXPENSES GREATER THAN 125%

	<u>Jul - Aug 21</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>	
562.65 · Office Equipment	0.00	41.60	-41.60	0.0%	
562.70 · Dues,Subscriptions, Memberships	219.99	833.30	-613.31	26.4%	
562.75 · Lien Filing & Recording Fees	0.00	16.60	-16.60	0.0%	
562.80 · Software License and Support	200.00	333.30	-133.30	60.01%	
562.85 · Bank Service Charges	318.04	583.30	-265.26	54.52%	
<b>Total 562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>	<b>4,223.70</b>	<b>5,475.20</b>	<b>-1,251.50</b>	<b>77.14%</b>	
<b>563.00 · CONTRACTUAL SERVICES</b>					
563.10 · Auditor	9,750.00	1,800.00	7,950.00	541.67%	paid last FY audit in this FY year
563.20 · County Counsel	0.00	333.30	-333.30	0.0%	
563.40 · LAFCO	0.00	250.00	-250.00	0.0%	
563.50 · County of Lake Collection Svcs	0.00	166.60	-166.60	0.0%	
<b>Total 563.00 · CONTRACTUAL SERVICES</b>	<b>9,750.00</b>	<b>2,549.90</b>	<b>7,200.10</b>	<b>382.37%</b>	
<b>564.00 · PROPERTY INS.,INJURIES&amp; DAMAGES</b>					
564.10 · Liability Insurance	4,055.70	2,833.30	1,222.40	143.14%	Ok
<b>Total 564.00 · PROPERTY INS.,INJURIES&amp; DAMAGES</b>	<b>4,055.70</b>	<b>2,833.30</b>	<b>1,222.40</b>	<b>143.14%</b>	
<b>565.00 · EMPLOYEES RETIREMENT &amp; BENEFITS</b>					
565.10 · PERS Medical	5,858.88	8,000.00	-2,141.12	73.24%	
565.20 · PERS/ Pension/ Retirement	2,658.24	5,016.60	-2,358.36	52.99%	
565.30 · Payroll Taxes					
565.31 · FICA (Federal Ins.Contribution)	3,268.27	2,968.30	299.97	110.11%	
565.32 · SUI (State Unemployment Ins)	22.32	366.60	-344.28	6.09%	
<b>Total 565.30 · Payroll Taxes</b>	<b>3,290.59</b>	<b>3,334.90</b>	<b>-44.31</b>	<b>98.67%</b>	
565.40 · Workers Comp Insurance	1,038.82	1,250.00	-211.18	83.11%	
<b>Total 565.00 · EMPLOYEES RETIREMENT &amp; BENEFITS</b>	<b>12,846.53</b>	<b>17,601.50</b>	<b>-4,754.97</b>	<b>72.99%</b>	
<b>568.00 · MAINTENANCE - GENERAL PLANT</b>					
568.10 · Supplies	64.37	250.00	-185.63	25.75%	
<b>Total 568.00 · MAINTENANCE - GENERAL PLANT</b>	<b>64.37</b>	<b>250.00</b>	<b>-185.63</b>	<b>25.75%</b>	
<b>569.00 · OTHER</b>					
569.10 · Employee Uniforms	0.00	83.30	-83.30	0.0%	
569.20 · Seminar/Training Registration	11,150.00	83.30	11,066.70	13,385.35%	ok needs to be adjusted
569.30 · Training-lodging,meals& mileage	-9,743.20	100.00	-9,843.20	-9,743.2%	
569.40 · Mileage Expense	0.00	16.60	-16.60	0.0%	
569.45 · Outside Services	188.76	250.00	-61.24	75.5%	
<b>Total 569.00 · OTHER</b>	<b>1,595.56</b>	<b>533.20</b>	<b>1,062.36</b>	<b>299.24%</b>	
<b>Total ADMINISTRATIVE &amp; GENERAL</b>	<b>55,507.68</b>	<b>55,022.72</b>	<b>484.96</b>	<b>100.88%</b>	
<b>CUSTOMER ACCOUNTS</b>					
<b>551.00 · SUPERVISION,METER READING&amp;OTHER</b>					
551.10 · Wages	1,058.30	707.38	350.92	149.61%	ok Varies

**Buckingham Park Water District**  
Profit & Loss Budget vs. Actual  
July through August 2021

REVENUE LESS THAN 100%

EXPENSES GREATER THAN 125%

VARIANCES/NOTES

	Jul - Aug 21	Budget	\$ Over Budget	% of Budget	
Total 551.00 · SUPERVISION,METER READING&OTHER	1,058.30	707.38	350.92	149.61%	
Total CUSTOMER ACCOUNTS	1,058.30	707.38	350.92	149.61%	
<b>PUMPING</b>					
521.00 · SUPERVISION, LABOR & EXPENSE					
521.10 · Wages	0.00	51.00	-51.00	0.0%	
521.20 · PG&E / Electricity	4,957.42	3,250.00	1,707.42	152.54%	ok Varies
Total 521.00 · SUPERVISION, LABOR & EXPENSE	4,957.42	3,301.00	1,656.42	150.18%	
522.00 · MAINTENANCE,STRUCTURES & IMPROV					
522.10 · Outside Services	195.50	333.30	-137.80	58.66%	
522.20 · Supplies	0.00	16.60	-16.60	0.0%	
Total 522.00 · MAINTENANCE,STRUCTURES & IMPROV	195.50	349.90	-154.40	55.87%	
Total PUMPING	5,152.92	3,650.90	1,502.02	141.14%	
<b>SOURCE OF SUPPLY</b>					
511.00 · SUPERVISION, LABOR & EXPENSES					
511.10 · Wages	0.00	47.24	-47.24	0.0%	
511.20 · PG&E / Electricity	1,809.86	1,300.00	509.86	139.22%	Varies
512.40 · Testing	2,215.50	944.10	1,271.40	234.67%	inorganics testing every 3 years
Total 511.00 · SUPERVISION, LABOR & EXPENSES	4,025.36	2,291.34	1,734.02	175.68%	
512.00 · MAINTENANCE/STRUCTURES & IMPROV					
512.20 · Supplies	0.00	18.30	-18.30	0.0%	
Total 512.00 · MAINTENANCE/STRUCTURES & IMPROV	0.00	18.30	-18.30	0.0%	
Total SOURCE OF SUPPLY	4,025.36	2,309.64	1,715.72	174.29%	
<b>TRANSMISSION &amp; DISTRIBUTION</b>					
541.00 · SUPERVISION, LABOR & EXPENSES					
541.10 · Wages	4,108.94	3,371.66	737.28	121.87%	
541.20 · PG&E / Electricity	571.29	500.00	71.29	114.26%	
541.30 · Parts & Meters	-208.32				
541.40 · Safety & Security	0.00	250.00	-250.00	0.0%	
541.50 · State Water Board Licensing	0.00	266.60	-266.60	0.0%	
541.60 · Mileage Expense	284.68	514.96	-230.28	55.28%	
541.70 · Testing	480.00	475.00	5.00	101.05%	
541.75 · Propane	0.00	83.30	-83.30	0.0%	
Total 541.00 · SUPERVISION, LABOR & EXPENSES	5,236.59	5,461.52	-224.93	95.88%	
542.00 · MAINTENANCE,STRUCTURES & IMPROV					
542.50 · Maintenance Projects	6,337.15	2,500.00	3,837.15	253.49%	Drying bed clean out/ leak repairs
542.10 · Outside Services	271.34	333.30	-61.96	81.41%	
542.20 · Supplies	209.94	166.60	43.34	126.01%	Supplies for Floating intake pump
542.30 · Tools	39.88	333.30	-293.42	11.97%	



**Buckingham Park Water District**  
Profit & Loss Budget vs. Actual  
July through August 2021

REVENUE LESS THAN 100%

EXPENSES GREATER THAN 125%

VARIANCES/NOTES

	Jul - Aug 21	Budget	\$ Over Budget	% of Budget	
542.40 · Equipment Rental	0.00	58.00	-58.00	0.0%	
Total 542.00 · MAINTENANCE,STRUCTURES & IMPROV	6,858.31	3,391.20	3,467.11	202.24%	
Total TRANSMISSION & DISTRIBUTION	12,094.90	8,852.72	3,242.18	136.62%	
<b>WATER TREATMENT</b>					
531.00 · SUPERVISION, LABOR & EXPENSE					
531.10 · Wages	14,583.45	13,911.20	672.25	104.83%	
531.15 · PG&E / Electricity	944.28	625.00	319.28	151.09%	Varies
531.20 · Chemicals-PreChlor Sodium Hypo	1,119.18	666.60	452.58	167.89%	price increase for CL2
531.25 · Chemicals-PostChlor Sodium Hypo	1,866.23	833.30	1,032.93	223.96%	price increase for CL3
531.30 · Chemicals - Coaglutent	2,226.35	1,333.30	893.05	166.98%	Larher order due to delivery delays
531.35 · Chemicals - Coagulent Aid	299.22	100.00	199.22	299.22%	Hign NTU in raw water
531.40 · Testing - Lab	747.50	500.00	247.50	149.5%	plant testing supplies
531.45 · In Plant Test	320.58	350.00	-29.42	91.59%	
531.55 · State Water Board Licensing	0.00	266.60	-266.60	0.0%	
531.60 · CUPA Permit & other permits	570.36	250.00	320.36	228.14%	Leak repair permits
531.70 · Alarm	88.58	53.30	35.28	166.19%	Annual system testing
531.75 · Propane	0.00	166.60	-166.60	0.0%	
Total 531.00 · SUPERVISION, LABOR & EXPENSE	22,765.73	19,055.90	3,709.83	119.47%	
532.00 · MAINTENANCE,STRUCTURES & IMPROV					
532.10 · Outside Services	177.52	83.30	94.22	213.11%	Fire extengiusher testing
532.20 · Supplies	90.16	250.00	-159.84	36.06%	
532.30 · Tools	175.00	100.00	75.00	175.0%	Gate valve key
532.40 · Equipment Rental	0.00	175.00	-175.00	0.0%	
Total 532.00 · MAINTENANCE,STRUCTURES & IMPROV	442.68	608.30	-165.62	72.77%	
Total WATER TREATMENT	23,208.41	19,664.20	3,544.21	118.02%	
Total Expense	101,047.57	90,207.56	10,840.01	112.02%	
Net Ordinary Income	27,024.09	51,891.79	-24,867.70	52.08%	
Other Income/Expense					
Other Income					
<b>NON-OPERATING REVENUE</b>					
492.00 · INTEREST REVENUE					
492.20 · Bank/Investment Interest Receiv	790.92	0.00	790.92	100.0%	
Total 492.00 · INTEREST REVENUE	790.92	0.00	790.92	100.0%	
493.00 · TAXES & ASSESSMENTS	-20,058.51				
498.00 · OTHER NON-OPERATING REVENUES					
498.10 · LATE FEES & PENALTIES					
Backflow Assessments	-150.00	0.00	-150.00	100.0%	
Carrying Charges	75.00	0.00	75.00	100.0%	

**Buckingham Park Water District**  
 Profit & Loss Budget vs. Actual  
 July through August 2021

**REVENUE LESS THAN 100%**

**EXPENSES GREATER THAN 125%**

VARIANCES/NOTES

	<u>Jul - Aug 21</u>	<u>Budget</u>	<u>\$ Over Budget</u>	<u>% of Budget</u>	
Total 498.10 · LATE FEES & PENALTIES	-75.00	0.00	-75.00	100.0%	
498.15 · Resumption of Service Fee	125.00	0.00	125.00	100.0%	
498.20 · Application Processing Fee	900.00	0.00	900.00	100.0%	
498.30 · Returned Check Charge	35.00	0.00	35.00	100.0%	
498.45 · CIP Reserve	20,769.00	20,930.00	-161.00	99.23%	OK
Total 498.00 · OTHER NON-OPERATING REVENUES	21,754.00	20,930.00	824.00	103.94%	
Total NON-OPERATING REVENUE	2,486.41	20,930.00	-18,443.59	11.88%	
Total Other Income	2,486.41	20,930.00	-18,443.59	11.88%	
Other Expense					
590.00 · CAPITAL EXPENSES & MAJOR MAINT					
590.10 · SMALL CAPITAL PROJECTS	230.00	0.00	230.00	100.0%	
Total 590.00 · CAPITAL EXPENSES & MAJOR MAINT	230.00	0.00	230.00	100.0%	
Total Other Expense	230.00	0.00	230.00	100.0%	
Net Other Income	2,256.41	20,930.00	-18,673.59	10.78%	
Net Income	29,280.50	72,821.79	-43,541.29	40.21%	

2:01 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>411.00 · WATER SALES</b>						
<b>411.10 · Residential</b>						
General Journal	07/31/2021	47024	Water Sales	July 2021	30,798.10	30,798.10
General Journal	08/31/2021	47034	Water Sales	August 2021	29,767.14	60,565.24
Total 411.10 · Residential					60,565.24	60,565.24
Total 411.00 · WATER SALES					60,565.24	60,565.24
<b>TOTAL</b>					<b>60,565.24</b>	<b>60,565.24</b>

2:01 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>411.00 · WATER SALES</b>						
<b>411.20 · Commercial</b>						
General Journal	07/31/2021	47024	Water Sales	July 2021	125.49	125.49
General Journal	08/31/2021	47034	Water Sales	August 2021	125.49	250.98
Total 411.20 · Commercial					250.98	250.98
Total 411.00 · WATER SALES					250.98	250.98
<b>TOTAL</b>					<b>250.98</b>	<b>250.98</b>

2:02 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>421.00 · WATER SERVICES</b>						
<b>421.50 · Other</b>						
<b>421.51 · Residential Base Rate</b>						
General Journal	07/31/2021	47024	Water Sales	July 2021	33,367.04	33,367.04
General Journal	08/31/2021	47034	Water Sales	August 2021	33,292.56	66,659.60
Total 421.51 · Residential Base Rate					66,659.60	66,659.60
Total 421.50 · Other					66,659.60	66,659.60
Total 421.00 · WATER SERVICES					66,659.60	66,659.60
<b>TOTAL</b>					<b>66,659.60</b>	<b>66,659.60</b>

2:03 PM  
 09/20/21  
 Accrual Basis

**Buckingham Park Water District  
 Transaction Detail By Account  
 July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>ADMINISTRATIVE &amp; GENERAL</b>						
561.00 · Salaries						
561.20 · Paid Time Off						
Paycheck	07/09/2021	2681	Lori A Gonzalez		178.88	178.88
Paycheck	07/09/2021	2679	Ahimsah O Wonder...		846.72	1,025.60
Paycheck	07/23/2021	2698	Ahimsah O Wonder...	VOID:	0.00	1,025.60
Paycheck	07/23/2021	2701	William A Rae	VOID:	0.00	1,025.60
Paycheck	07/23/2021	2707	Ahimsah O Wonder...		1,128.96	2,154.56
Paycheck	07/23/2021	2709	William A Rae		65.97	2,220.53
Paycheck	08/06/2021	2724	Ahimsah O Wonder...		282.24	2,502.77
Paycheck	08/06/2021	2728	William A Rae		11.00	2,513.77
Paycheck	08/20/2021	2744	Ahimsah O Wonder...		35.28	2,549.05
Paycheck	08/20/2021	2745	Alan Mitchell		353.51	2,902.56
Total 561.20 · Paid Time Off					2,902.56	2,902.56
Total 561.00 · Salaries					2,902.56	2,902.56
Total ADMINISTRATIVE & GENERAL					2,902.56	2,902.56
<b>TOTAL</b>					<b>2,902.56</b>	<b>2,902.56</b>

2:03 PM  
 09/20/21  
 Accrual Basis

**Buckingham Park Water District  
 Transaction Detail By Account  
 July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>ADMINISTRATIVE &amp; GENERAL</b>						
561.00 · Salaries						
561.50 · Call Back Pay						
Paycheck	07/09/2021	2680	Alan Mitchell	VOID: Standb...	0.00	0.00
Paycheck	07/09/2021	2683	William A Rae	VOID:cust ac...	0.00	0.00
Paycheck	07/09/2021	2684	Alan Mitchell		128.56	128.56
Paycheck	07/09/2021	2685	William A Rae		131.96	260.52
Paycheck	07/23/2021	2699	Alan Mitchell	VOID:	0.00	260.52
Paycheck	07/23/2021	2708	Alan Mitchell	VOID:	0.00	260.52
Paycheck	07/23/2021	2722	Alan Mitchell		128.56	389.08
Paycheck	08/06/2021	2728	William A Rae		65.98	455.06
Total 561.50 · Call Back Pay					455.06	455.06
Total 561.00 · Salaries					455.06	455.06
Total ADMINISTRATIVE & GENERAL					455.06	455.06
<b>TOTAL</b>					<b>455.06</b>	<b>455.06</b>

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09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>ADMINISTRATIVE &amp; GENERAL</b>						
<b>562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>						
<b>562.10 · PG&amp;E/Utilities</b>						
Check	07/27/2021	ACH	PG&E	Plant Office	79.56	79.56
Check	07/27/2021	ach	PG&E	Office Power	292.91	372.47
Check	08/25/2021	ACH	PG&E	Office Power	258.54	631.01
Check	08/25/2021	ACH	PG&E	Plant Office	77.79	708.80
Total 562.10 · PG&E/Utilities					708.80	708.80
Total 562.00 · OFFICE SUPPLIES & OTHER EXPENSE					708.80	708.80
Total ADMINISTRATIVE & GENERAL					708.80	708.80
<b>TOTAL</b>					<b>708.80</b>	<b>708.80</b>



2:04 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>ADMINISTRATIVE &amp; GENERAL</b>						
<b>562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>						
<b>562.45 · Alarm</b>						
Bill	07/28/2021	8222	High Country Security	Annual System Test	80.00	80.00
Total 562.45 · Alarm					80.00	80.00
Total 562.00 · OFFICE SUPPLIES & OTHER EXPENSE					80.00	80.00
Total ADMINISTRATIVE & GENERAL					80.00	80.00
<b>TOTAL</b>					<b>80.00</b>	<b>80.00</b>

2:04 PM  
 09/20/21  
 Accrual Basis

**Buckingham Park Water District  
 Transaction Detail By Account  
 July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>ADMINISTRATIVE &amp; GENERAL</b>						
<b>562.00 · OFFICE SUPPLIES &amp; OTHER EXPENSE</b>						
<b>562.50 · Postage</b>						
Check	07/02/2021	ACH	Pitney Bowes-Reser...	48049399	300.00	300.00
Check	08/02/2021	ACH	Pitney Bowes-Reser...	48049399	300.00	600.00
Bill	08/27/2021	31049...	Pitney Bowes-Reser...		147.66	747.66
Total 562.50 · Postage					747.66	747.66
Total 562.00 · OFFICE SUPPLIES & OTHER EXPENSE					747.66	747.66
Total ADMINISTRATIVE & GENERAL					747.66	747.66
<b>TOTAL</b>					<b>747.66</b>	<b>747.66</b>

2:04 PM  
 09/20/21  
 Accrual Basis

**Buckingham Park Water District  
 Transaction Detail By Account  
 July through August 2021**

Type	Date	Num	Name	Memo	Amount	Balance
<b>ADMINISTRATIVE &amp; GENERAL</b>						
<b>563.00 · CONTRACTUAL SERVICES</b>						
<b>563.10 · Auditor</b>						
Bill	07/30/2021	10291	Stroub Thompson N...	Audit for Fiscal year June 30, 2020	9,750.00	9,750.00
Total 563.10 · Auditor					9,750.00	9,750.00
Total 563.00 · CONTRACTUAL SERVICES					9,750.00	9,750.00
Total ADMINISTRATIVE & GENERAL					9,750.00	9,750.00
<b>TOTAL</b>					<b>9,750.00</b>	<b>9,750.00</b>

2:05 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Num	Name	Memo	Amount
<b>ADMINISTRATIVE &amp; GENERAL</b>					
<b>564.00 · PROPERTY INS.,INJURIES&amp; DAMAGES</b>					
<b>564.10 · Liability Insurance</b>					
General Journal	07/01/2021	47023	Special Distri...	SDRMA - 21/22 Liability Ins (Inv#70218)	1,504.32
General Journal	07/01/2021	47029		SDRMA invoice #70218 liability for 21/22 moved to prepaid	-16,986.25
Bill	07/06/2021	70218	Special Distri...	Liability Insurance	16,986.25
Total 564.10 · Liability Insurance					<u>1,504.32</u>
Total 564.00 · PROPERTY INS.,INJURIES& DAMAGES					<u>1,504.32</u>
Total ADMINISTRATIVE & GENERAL					<u>1,504.32</u>
<b>TOTAL</b>					<u><u>1,504.32</u></u>

2:06 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Num	Name	Memo	Amount
<b>ADMINISTRATIVE &amp; GENERAL</b>					
569.00 · OTHER					
569.20 · Seminar/Training Registration					
Bill	08/16/2021	4866-...	US Bank	Ahimsah - CSDA Conference / Lori - CSDA Conference	1,150.00
Total 569.20 · Seminar/Training Registration					<u>1,150.00</u>
Total 569.00 · OTHER					<u>1,150.00</u>
Total ADMINISTRATIVE & GENERAL					<u>1,150.00</u>
<b>TOTAL</b>					<b><u>1,150.00</u></b>

2:06 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Num	Name	Memo	Amount
<b>CUSTOMER ACCOUNTS</b>					
<b>551.00 · SUPERVISION,METER READING&amp;OTHER</b>					
<b>551.10 · Wages</b>					
Paycheck	07/09/2021	2680	Alan Mitchell	VOID: Standby not on check	0.00
Paycheck	07/09/2021	2683	William A Rae	VOID:cust acct wage not updated to 21.99	0.00
Paycheck	07/09/2021	2684	Alan Mitchell		428.50
Paycheck	07/09/2021	2685	William A Rae		219.90
Paycheck	08/06/2021	2725	Alan Mitchell		299.95
Paycheck	08/06/2021	2728	William A Rae		109.95
Total 551.10 · Wages					1,058.30
Total 551.00 · SUPERVISION,METER READING&OTHER					1,058.30
Total CUSTOMER ACCOUNTS					1,058.30
<b>TOTAL</b>					<b>1,058.30</b>

2:06 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Num	Name	Memo	Amount
<b>PUMPING</b>					
521.00 · SUPERVISION, LABOR & EXPENSE					
521.20 · PG&E / Electricity					
Check	07/27/2021	ACH	PG&E	Pumping Power	2,506.84
Check	08/25/2021	ACH	PG&E	Pumping Power	2,450.58
Total 521.20 · PG&E / Electricity					4,957.42
Total 521.00 · SUPERVISION, LABOR & EXPENSE					4,957.42
Total PUMPING					4,957.42
<b>TOTAL</b>					<b>4,957.42</b>

2:07 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Num	Name	Memo	Amount
<b>SOURCE OF SUPPLY</b>					
<b>511.00 · SUPERVISION, LABOR &amp; EXPENSES</b>					
<b>511.20 · PG&amp;E / Electricity</b>					
Check	07/27/2021	ACH	PG&E	Intake Power	915.20
Check	08/25/2021	ACH	PG&E	Intake Power	894.66
Total 511.20 · PG&E / Electricity					1,809.86
Total 511.00 · SUPERVISION, LABOR & EXPENSES					1,809.86
Total SOURCE OF SUPPLY					1,809.86
<b>TOTAL</b>					<b>1,809.86</b>



2:07 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Num	Name	Memo	Amount
<b>SOURCE OF SUPPLY</b>					
<b>511.00 · SUPERVISION, LABOR &amp; EXPENSES</b>					
<b>512.40 · Testing</b>					
Bill	07/06/2021	1072065-BUCKPRK	Alpha Analytical...	Source	54.00
Bill	07/09/2021	1072534-BUCKPRK	Alpha Analytical...	Source	35.00
Bill	07/13/2021	1710011-070921	Karola Kennedy		165.00
Bill	07/21/2021	1073823-BUCKPRK	Alpha Analytical...	Source	185.00
Bill	07/25/2021	1710011-072321	Karola Kennedy		165.00
Bill	07/29/2021	1074992-BUCKPRK	Alpha Analytical...	Source	1,030.00
Bill	08/04/2021	1082303-BUCKPRK	Alpha Analytical...	Intake	54.00
Bill	08/16/2021	1710011-081321	Karola Kennedy		247.50
Bill	08/18/2021	1083973-BUCKPRK	Alpha Analytical...	Intake	280.00
Bill	08/30/2021	1710011-082721	Karola Kennedy		165.00
Bill	08/31/2021	1085701-BUCKPRK	Alpha Analytical...	Intake	54.00
Total 512.40 · Testing					2,434.50
Total 511.00 · SUPERVISION, LABOR & EXPENSES					2,434.50
Total SOURCE OF SUPPLY					2,434.50
<b>TOTAL</b>					<b>2,434.50</b>

2:08 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Name	Memo	Amount
<b>TRANSMISSION &amp; DISTRIBUTION</b>				
542.00 · MAINTENANCE,STRUCTURES & IMPROV				
542.50 · Maintenance Projects				
Bill	07/27/2021	Terri Lujan	Equipment Rental for service line repair on Westlake ...	1,700.00
Bill	07/31/2021	Clearlake Lava,...	Slurry for Westlake Drive service line repair	273.49
Bill	08/11/2021	Terri Lujan	Equipment Rental for service line repair Eastlake Drive	1,000.00
Bill	08/13/2021	PACE ENGINE...	Site Visit & Contractor Questions	292.50
Bill	08/20/2021	Chernoh Excav...	ELD Repair (HOA)	550.00
Bill	08/26/2021	County of Lake ...	Clean out drying bed	571.16
Bill	08/26/2021	Terri Lujan	Equipment Rental, clean out Drying Bed	1,950.00
Total 542.50 · Maintenance Projects				6,337.15
Total 542.00 · MAINTENANCE,STRUCTURES & IMPROV				6,337.15
Total TRANSMISSION & DISTRIBUTION				6,337.15
<b>TOTAL</b>				<b>6,337.15</b>

2:09 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Name	Memo	Amount
<b>TRANSMISSION &amp; DISTRIBUTION</b>				
542.00 · MAINTENANCE,STRUCTURES & IMPROV				
542.20 · Supplies				
Bill	07/21/2021	USA Bluebook		45.00
Bill	08/16/2021	US Bank	Gas	164.94
Total 542.20 · Supplies				209.94
Total 542.00 · MAINTENANCE,STRUCTURES & IMPROV				209.94
Total TRANSMISSION & DISTRIBUTION				209.94
<b>TOTAL</b>				<b>209.94</b>

2:09 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
<b>531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>				
<b>531.15 · PG&amp;E / Electricity</b>				
Check	07/27/2021	PG&E	Plant Power	477.50
Check	08/25/2021	PG&E	Plant Power	466.78
Total 531.15 · PG&E / Electricity				<u>944.28</u>
Total 531.00 · SUPERVISION, LABOR & EXPENSE				<u>944.28</u>
Total WATER TREATMENT				<u>944.28</u>
<b>TOTAL</b>				<u><u>944.28</u></u>

2:10 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
531.00 · SUPERVISION, LABOR & EXPENSE				
531.20 · Chemicals-PreChlor Sodium Hypo				
General Journal	07/31/2021		Expense pre-chlor for July 2021 - 113.5 Gal	489.49
General Journal	08/31/2021		Expense pre-chlor for August 2021 - 146.1 Gal	629.69
Total 531.20 · Chemicals-PreChlor Sodium Hypo				<u>1,119.18</u>
Total 531.00 · SUPERVISION, LABOR & EXPENSE				<u>1,119.18</u>
Total WATER TREATMENT				<u>1,119.18</u>
<b>TOTAL</b>				<u><u>1,119.18</u></u>

2:10 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
531.00 · SUPERVISION, LABOR & EXPENSE				
531.25 · Chemicals-PostChlor Sodium Hypo				
General Journal	07/31/2021		Expense post-chlor for July 2021 - 208.8 Gal	899.93
General Journal	08/31/2021		Expense post-chlor for August 2021 - 224.2 Gal	966.30
Total 531.25 · Chemicals-PostChlor Sodium Hypo				1,866.23
Total 531.00 · SUPERVISION, LABOR & EXPENSE				1,866.23
Total WATER TREATMENT				1,866.23
<b>TOTAL</b>				<b>1,866.23</b>

2:10 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
531.00 · SUPERVISION, LABOR & EXPENSE				
531.30 · Chemicals - Coagulant				
General Journal	07/31/2021		Coagulant Expense for July 2021 - 153.8 Gal	1,005.85
General Journal	08/31/2021		Coagulant Expense for August 2021 = 143.5 / Coagulant Aid for A...	1,220.50
Total 531.30 · Chemicals - Coagulant				2,226.35
Total 531.00 · SUPERVISION, LABOR & EXPENSE				2,226.35
Total WATER TREATMENT				2,226.35
<b>TOTAL</b>				<b>2,226.35</b>

2:11 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
**July through August 2021**

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
531.00 · SUPERVISION, LABOR & EXPENSE				
531.35 · Chemicals - Coagulent Aid				
General Journal	07/31/2021		Coagulant Aid Expense for July 2021 - 299.22 Gal	299.22
		Total 531.35 · Chemicals - Coagulent Aid		299.22
		Total 531.00 · SUPERVISION, LABOR & EXPENSE		299.22
		Total WATER TREATMENT		299.22
<b>TOTAL</b>				<b>299.22</b>



2:11 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
<b>531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>				
<b>531.40 · Testing - Lab</b>				
Bill	07/09/2021	Alpha An...	Treatment	50.00
Bill	07/13/2021	Karola K...		165.00
Bill	07/21/2021	Alpha An...	Treatment	120.00
Bill	07/25/2021	Karola K...		165.00
Bill	08/16/2021	Karola K...		247.50
Bill	08/24/2021	USA Blu...	PO #2378	217.92
Bill	08/30/2021	Karola K...		165.00
Total 531.40 · Testing - Lab				1,130.42
Total 531.00 · SUPERVISION, LABOR & EXPENSE				1,130.42
Total WATER TREATMENT				1,130.42
<b>TOTAL</b>				<b>1,130.42</b>

2:11 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
<b>531.00 · SUPERVISION, LABOR &amp; EXPENSE</b>				
<b>531.60 · CUPA Permit &amp; other permits</b>				
Check	07/23/2021	Lake Cou...	Permit for 2605 Westlake Drive Service Line Repair	220.00
Check	08/04/2021	Lake Cou...	Permit for service line repair at 2850 Eastlake Drive	220.00
Bill	08/09/2021	County O...	Lakebed Annual Encroachment Fee	130.36
Total 531.60 · CUPA Permit & other permits				570.36
Total 531.00 · SUPERVISION, LABOR & EXPENSE				570.36
Total WATER TREATMENT				570.36
<b>TOTAL</b>				<b>570.36</b>

2:11 PM  
 09/20/21  
 Accrual Basis

**Buckingham Park Water District  
 Transaction Detail By Account  
 July through August 2021**

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
531.00 · SUPERVISION, LABOR & EXPENSE				
531.70 · Alarm				
Bill	07/28/2021	High Cou...	Annual System Test and CR123 Battery	88.58
Total 531.70 · Alarm				88.58
Total 531.00 · SUPERVISION, LABOR & EXPENSE				88.58
Total WATER TREATMENT				88.58
<b>TOTAL</b>				<b>88.58</b>

2:12 PM

09/20/21

Accrual Basis

**Buckingham Park Water District  
Transaction Detail By Account  
July through August 2021**

Type	Date	Name	Memo	Amount
<b>WATER TREATMENT</b>				
532.00 · MAINTENANCE,STRUCTURES & IMPROV				
532.10 · Outside Services				
Bill	07/12/2021	Eureka Oxygen Co.		177.52
Total 532.10 · Outside Services				177.52
Total 532.00 · MAINTENANCE,STRUCTURES & IMPROV				177.52
Total WATER TREATMENT				177.52
<b>TOTAL</b>				<b>177.52</b>

2:12 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
July through August 2021

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<u>Type</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Amount</u>
WATER TREATMENT				
532.00 · MAINTENANCE,STRUCTURES & IMPROV				
532.30 · Tools				
Bill	07/01/2021	Ferguson Waterworks	6' gate vlv	175.00
Total 532.30 · Tools				175.00
Total 532.00 · MAINTENANCE,STRUCTURES & IMPROV				175.00
Total WATER TREATMENT				175.00
TOTAL				<u>175.00</u>

2:13 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Name	Memo	Amount
<b>NON-OPERATING REVENUE</b>				
<b>498.00 · OTHER NON-OPERATING REVENUES</b>				
<b>498.45 · CIP Reserve</b>				
General Journal	07/31/2021	Water Sales	July 2021	10,396.00
General Journal	08/31/2021	Water Sales	August 2021	10,373.00
Total 498.45 · CIP Reserve				20,769.00
Total 498.00 · OTHER NON-OPERATING REVENUES				20,769.00
Total NON-OPERATING REVENUE				20,769.00
<b>TOTAL</b>				<b>20,769.00</b>

2:14 PM

09/20/21

Accrual Basis

**Buckingham Park Water District**  
**Transaction Detail By Account**  
 July through August 2021

Type	Date	Num	Name	Memo	Amount
<b>ADMINISTRATIVE &amp; GENERAL</b>					
<b>565.00 · EMPLOYEES RETIREMENT &amp; BENEFITS</b>					
<b>565.40 · Workers Comp Insurance</b>					
General Journal	07/01/2021	47027	Special District Risk ...	SDRMA Workers Comp 21/22 (Inv #69772)	519.41
General Journal	07/01/2021	47028	Special District Risk ...	SDRMA Workers Comp 21/22 (Inv #69772) Moved to prepaid	-6,232.85
Bill	07/06/2021	69772	Special District Risk ...	Workers Comp	6,232.85
General Journal	08/01/2021	47022	Special District Risk ...	SDRMA Workers Comp 19/20 (Inv #65929)	0.00
General Journal	08/01/2021	47027	Special District Risk ...	SDRMA Workers Comp 21/22 (Inv #69772)	519.41
General Journal	08/01/2021	47023	Special District Risk ...	SDRMA - 21/22 WC (Inv#70218)	1,504.32
Bill	08/17/2021	70778	Special District Risk ...	Audited Annual Adjusted Contribution	1,047.06
Total 565.40 · Workers Comp Insurance					3,590.20
Total 565.00 · EMPLOYEES RETIREMENT & BENEFITS					3,590.20
Total ADMINISTRATIVE & GENERAL					3,590.20
<b>TOTAL</b>					<b>3,590.20</b>

Account 300-35 Prepaid Liability Insurance

Prior year prepaid calculation was not accurate. Prepaid should net \$0 at year end. Adjust to balance:

DATE	REF	ACCOUNT	MEMO	DECREASE	INCREASE	BALANCE
11/01/2020	46955	Special District Risk Management Auth.		1,065.52		11,190.42
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 19/20 Liability Ins (Inv#66364)				
12/01/2020	46963	Special District Risk Management Auth.		1,065.52		10,124.90
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 19/20 Liability Ins (Inv#66364)				
01/01/2021	46970	Special District Risk Management Auth.		1,065.52		9,059.38
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 19/20 Liability Ins (Inv#66364)				
02/01/2021	46979	Special District Risk Management Auth.		1,065.52		7,993.86
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 19/20 Liability Ins (Inv#66364)				
03/01/2021	46984	Special District Risk Management Auth.		1,065.52		6,928.34
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 19/20 Liability Ins (Inv#66364)				
04/01/2021	46992	Special District Risk Management Auth.		1,065.52		5,862.82
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 19/20 Liability Ins (Inv#66364)				
06/01/2021	46998	Special District Risk Management Auth.		1,065.52		4,797.30
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 19/20 Liability Ins (Inv#66364)				
06/01/2021	47013	Special District Risk Management Auth.		0.00		4,797.30
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 VOID: SDRMA - 19/20 Liability Ins (Inv#66364)				
06/01/2021	SDRMA66			4,797.30		0.00
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 Correcting Prepaid Expense monthly set up 2020 with wrong amount				
07/01/2021	47029				16,986.25	16,986.25
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA invoice #70218 liability for 21/22 moved to prepaid				
07/01/2021	47030	Special District Risk Management Auth.		1,504.32		15,481.93
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 21/22 Liability Ins (Inv#70218)				
08/01/2021	47030	Special District Risk Management Auth.		1,504.32		13,977.61
	GENJRN	ADMINISTRATIVE & GENERAL:564.00 - PROPERTY INS.,INJURIES& DAMAGES:56 SDRMA - 21/22 Liability Ins (Inv#70218)				
ENDING BALANCE						13,977.61



Account 300-30 Prepaid Workers Comp

Prior year prepaid calculation was not accurate. Prepaid should net \$0 at year end. Adjust to balance:

DATE	REF	ACCOUNT	PAYEE	MEMO	DECREASE	INCREASE	BALANCE
01/01/2021	46969	Special District Risk Management Auth.			635.48		2,616.37
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 19/20 (Inv #65929)				
02/01/2021	46978	Special District Risk Management Auth.			635.48		1,980.89
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 19/20 (Inv #65929)				
03/01/2021	46983	Special District Risk Management Auth.			635.48		1,345.41
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 19/20 (Inv #65929)				
04/01/2021	46991	Special District Risk Management Auth.			635.48		709.93
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 19/20 (Inv #65929)				
06/01/2021	46997	Special District Risk Management Auth.			635.48		74.45
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 19/20 (Inv #65929)				
06/01/2021	47012	Special District Risk Management Auth.			635.48		-561.03
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 19/20 (Inv #65929)				
06/30/2021	47026					561.03	0.00
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ Prior year prepaid calculation was not accurate. Prepaid should net \$0 at year end. Adj.				
07/01/2021	47027	Special District Risk Management Auth.			519.41		-519.41
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 21/22 (Inv #69772)				
07/01/2021	47028					6,232.85	5,713.44
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 21/22 (Inv #69772) Moved to prepaid				
08/01/2021	47022	Special District Risk Management Auth.			0.00		5,713.44
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ VOID: SDRMA Workers Comp 19/20 (Inv #65929)				
08/01/2021	47027	Special District Risk Management Auth.			519.41		5,194.03
		GENJRNL ADMINISTRATIVE & GENERAL:565.00	EMPLOYEES RETIREMENT & BENEFITS:£ SDRMA Workers Comp 21/22 (Inv #69772)				
8/24/2021	Ref	Payee			Decrease	Increase	
		Account					

ENDING BALANCE **5,194.0**

Buttons: Splits, 1-Line, Sort by Date, Type, Number/Ref, Record, Restore

8:21 AM

**Buckingham Park Water District**  
**Balance Sheet**  
As of August 31, 2021

09/03/21

Accrual Basis

	Aug 31, 21
<b>ASSETS</b>	
<b>Current Assets</b>	
Checking/Savings	
125 · Umpqua Bank - 6156 (USDA pmnts)	28,256.46
110 · Umpqua Bank - 7106	-3,000.10
115 · Umpqua Bank- 1586	141,771.48
120 · LAIF	969,499.01
130 · Petty Cash	150.00
<b>Total Checking/Savings</b>	1,136,676.85
Accounts Receivable	
200 · Accounts Receivable	
200-80 · Cal OES Grant Reimbursement	163.48
200-20 · Delinquent Accounts Receivable	708.65
200-30 · Utility Billing Receivable	-16,193.13
200-10 · Accounts Receivable - Other	517.38
200 · Accounts Receivable - Other	-125.00
<b>Total 200 · Accounts Receivable</b>	-14,928.62
<b>Total Accounts Receivable</b>	-14,928.62
<b>Other Current Assets</b>	
300 · Prepaid Expenses	
300-35 · Prepaid Insurance-Liability	13,977.61
300-10 · Prepaid Chemicals	
300-101 · Prepaid Coagulant	7,046.90
300-105 · Prepaid Coagulant Aid	-761.30
300-200 · PrePaid Chlor Disinfectant	3,000.78
300-10 · Prepaid Chemicals - Other	79.56
<b>Total 300-10 · Prepaid Chemicals</b>	9,365.94
300-20 · Prepaid Filter Media	1,327.67
300-30 · Prepaid Insurance-Workers Comp	5,194.03
300-40 · Prepaid Office Supplies & Svcs	21,785.66
300-60 · Prepaid Tools & Equip	-4,767.62
<b>Total 300 · Prepaid Expenses</b>	46,883.29
<b>Total Other Current Assets</b>	46,883.29
<b>Total Current Assets</b>	1,168,631.52
<b>Fixed Assets</b>	
Accumulated Depreciation	-2,708,773.37
CIP - 2016 Retaining Wall	76,581.54
CIP - CDPHP501710011264-FA5013	-46,493.52
CIP - Emergency	15,741.66
CIP - USDA Dist System Improv	1,425,035.52
CIP -SRF-14-613-550	6,718.75
<b>Equipment Assets</b>	
Office Equipment	10,929.05
Tools & Equipment	116,721.38
Equipment Assets - Other	21,129.50
<b>Total Equipment Assets</b>	148,779.93
Land	325,085.00
<b>Water System Assets</b>	
Fence	6,050.00
Water System Assets - Other	4,706,518.07
<b>Total Water System Assets</b>	4,712,568.07
Water System Software	0.08
1651 · Office Building	168,464.27
	168,464.27

8:21 AM

**Buckingham Park Water District**  
**Balance Sheet**  
As of August 31, 2021

09/03/21

Accrual Basis

	Aug 31, 21
Total Fixed Assets	4,123,707.93
Other Assets	
GMAC Bond Assessment Receivable	33,181.20
Total Other Assets	33,181.20
<b>TOTAL ASSETS</b>	<b>5,325,520.65</b>
<b>LIABILITIES &amp; EQUITY</b>	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	12,751.48
Total Accounts Payable	12,751.48
Other Current Liabilities	
PAYROLL LIABILITIES	
Compensated Absences Accrued	4,714.81
EMPLOYEE WITHHOLDINGS	
Emp. IRA Contributions	1,142.79
Employee Fed W/H	678.40
Employee Medical W/H	3,973.79
Employee Paid FICA	
Employee % Medicare	61.31
Employee % Social Security	262.17
Total Employee Paid FICA	323.48
Employee PIT W/H	641.88
Employee Vol. SDI W/H	124.73
EMPLOYEE WITHHOLDINGS - Other	-637.61
Total EMPLOYEE WITHHOLDINGS	6,247.46
EMPLOYER CONTRIBUTIONS & TAXES	
Employer IRA Contributions	-445.66
Employer Medical Contribution	500.00
Payroll Taxes	
Employer FICA	
Medicare	-19.21
Social Security	342.69
Total Employer FICA	323.48
Employer SUI	-86.76
Employer Training Tax	-442.92
Payroll Taxes - Other	-3,308.76
Total Payroll Taxes	-3,514.96
EMPLOYER CONTRIBUTIONS & TAXES - Other	537.57
Total EMPLOYER CONTRIBUTIONS & TAXES	-2,923.05
PAYROLL LIABILITIES - Other	-349.78
Total PAYROLL LIABILITIES	7,689.44
Suspense	-1,069.13
2600 · Loan - SRF Zero Interest	178,200.00
Total Other Current Liabilities	184,820.31
Total Current Liabilities	197,571.79
Long Term Liabilities	
GMAC Bond Assessment Payable	-67,412.42
Less Current Portion	85,899.00

8:21 AM

**Buckingham Park Water District**  
**Balance Sheet**  
As of August 31, 2021

09/03/21

Accrual Basis

	Aug 31, 21
USDA Loan	994,694.57
Total Long Term Liabilities	1,013,181.15
Total Liabilities	1,210,752.94
Equity	
Investment in Fixed Assets, Net	2,538,552.00
Restricted	
Capital Improvement Plan (\$23)	
Short Lived Asset Reserve -USDA	19,150.00
Debt Service - USDA Loan	45,113.00
Debt Service - S.R.F. Loan	6,600.00
Capital Improvement Plan (\$23) - Other	424,489.83
Total Capital Improvement Plan (\$23)	495,352.83
Emergency Reserves(\$7)	128,053.25
Expansion Fees(\$9k)	-22,238.66
Total Restricted	601,167.42
Unrestricted	
Unrestricted / Designated	
Gen. Operating Reserve	391,583.00
Total Unrestricted / Designated	391,583.00
Unrestricted - Other	240,510.86
Total Unrestricted	632,093.86
1110 - Retained Earnings	367,333.92
Net Income	-24,379.49
Total Equity	4,114,767.71
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>5,325,520.65</b>

8:21 AM

09/03/21

**Buckingham Park Water District**  
**Statement of Cash Flows**  
**August 2021**

	Aug 21
<b>OPERATING ACTIVITIES</b>	
Net Income	-45,644.21
Adjustments to reconcile Net Income to net cash provided by operations:	
200 · Accounts Receivable:200-30 · Utility Billing Receivable	74,364.03
300 · Prepaid Expenses:300-35 · Prepaid Insurance-Liability	1,504.32
300 · Prepaid Expenses:300-10 · Prepaid Chemicals:300-101 · Prepaid Coagulant	-728.00
300 · Prepaid Expenses:300-20 · Prepaid Filter Media	115.00
300 · Prepaid Expenses:300-30 · Prepaid Insurance-Workers Comp	519.41
Accounts Payable	-16,576.05
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Emp. IRA Contributions	-7.98
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee Fed W/H	-1,142.00
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee Paid FICA:Employee % Medicare	-151.69
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee Paid FICA:Employee % Social Security	-648.60
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee PIT W/H	-10.81
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee Vol. SDI W/H	-1.73
PAYROLL LIABILITIES:EMPLOYER CONTRIBUTIONS & TAXES:Employer IRA Contributions	-8.96
PAYROLL LIABILITIES:EMPLOYER CONTRIBUTIONS & TAXES:Payroll Taxes:Employer FICA:Medicare	-151.69
PAYROLL LIABILITIES:EMPLOYER CONTRIBUTIONS & TAXES:Payroll Taxes:Employer FICA:Social Security	-648.60
Net cash provided by Operating Activities	10,782.44
<b>INVESTING ACTIVITIES</b>	
CIP - Emergency	-292.50
Net cash provided by Investing Activities	-292.50
Net cash increase for period	10,489.94
Cash at beginning of period	1,126,186.91
Cash at end of period	1,136,676.85

8:21 AM

09/03/21

**Buckingham Park Water District**  
**Statement of Cash Flows**  
 July through August 2021

	Jul - Aug 21
<b>OPERATING ACTIVITIES</b>	
Net Income	-24,379.49
Adjustments to reconcile Net Income to net cash provided by operations:	
200 · Accounts Receivable:200-30 · Utility Billing Receivable	71,530.04
300 · Prepaid Expenses:300-35 · Prepaid Insurance-Liability	-13,977.61
300 · Prepaid Expenses:300-10 · Prepaid Chemicals:300-101 · Prepaid Coagulant	577.07
300 · Prepaid Expenses:300-10 · Prepaid Chemicals:300-200 · PrePaid Chlor Disinfectant	-767.44
300 · Prepaid Expenses:300-20 · Prepaid Filter Media	230.00
300 · Prepaid Expenses:300-30 · Prepaid Insurance-Workers Comp	-5,194.03
Accounts Payable	-1,125.01
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Emp. IRA Contributions	5.89
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee Fed W/H	-1,066.00
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee Paid FICA:Employee % Medicare	-148.70
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee Paid FICA:Employee % Social Security	-635.79
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee PIT W/H	419.84
PAYROLL LIABILITIES:EMPLOYEE WITHHOLDINGS:Employee Vol. SDI W/H	114.63
PAYROLL LIABILITIES:EMPLOYER CONTRIBUTIONS & TAXES:Employer IRA Contributions	-5.50
PAYROLL LIABILITIES:EMPLOYER CONTRIBUTIONS & TAXES:Payroll Taxes:Employer FICA:Medicare	-148.70
PAYROLL LIABILITIES:EMPLOYER CONTRIBUTIONS & TAXES:Payroll Taxes:Employer FICA:Social Security	-635.79
PAYROLL LIABILITIES:EMPLOYER CONTRIBUTIONS & TAXES:Payroll Taxes:Employer SUI	1.86
<b>Net cash provided by Operating Activities</b>	<b>24,795.27</b>
<b>INVESTING ACTIVITIES</b>	
CIP - Emergency	-4,832.86
<b>Net cash provided by Investing Activities</b>	<b>-4,832.86</b>
<b>FINANCING ACTIVITIES</b>	
USDA Loan	-31,334.37
1110 · Retained Earnings	20,938.37
Restricted:Capital Improvement Plan (\$23)	-20,938.37
<b>Net cash provided by Financing Activities</b>	<b>-31,334.37</b>
<b>Net cash increase for period</b>	<b>-11,371.96</b>
<b>Cash at beginning of period</b>	<b>1,148,048.81</b>
<b>Cash at end of period</b>	<b>1,136,676.85</b>

JOURNAL ENTRY TO RECORD CHEMICAL INVENTORY FOR MONTH ENDING:

August 2021

1. PRE-CHLORINE

CREDIT: PREPAID CHEMICALS / DISINFECTANT

DEBIT: 531.20 / PRE-CHLORINE

\$ 629.69

MEMO: EXPENSE 146.1 GAL OF PRE-CL2

0.0  
0.0

2. POST-CHLORINE

CREDIT: PREPAID CHEMICALS / DISINFECTANT

DEBIT: 531.25 / POST CHLORINE

\$ 966.30

MEMO: EXPENSE 224.2 GAL OF POST-CL2

Pre Cl2  
146.1 ×  
4.31 =  
629.69 \*

0.0

Post Cl2  
224.2 ×  
4.31 =  
966.30 \*

3. COAGULANT

CREDIT: PREPAID CHEMICALS / COAGULANT

DEBIT: 531.30 / COAGULANT

\$ 938.49

MEMO: EXPENSE 143.5 GAL OF COAG

0.0

Coagulant  
143.5 ×  
6.54 =  
938.49 \*

0.0

Coagulant Aid  
21.3 ×  
13.24 =  
282.01 \*

4. COAGULANT AID

CREDIT: PREPAID CHEMICALS / COAGULANT AID

DEBIT: 531.35 / COAGULANT AID

\$ 282.01

MEMO: EXPENSE 21.3 GAL OF COAG AID

11:56 AM

09/08/21

Accrual Basis

**Buckingham Park Water District**  
**General Journal Transaction**  
**August 31, 2021**

Num	Name	Memo	Account	Class	Debit	Credit
47036		Coagulant Ex...	531.30 · Chemicals ...		1,220.50	
		Coagulant Ex...	300-101 · Prepaid C...			938.49
		Coagulant Aid...	300-105 · Prepaid C...			282.01
					1,220.50	1,220.50
TOTAL					1,220.50	1,220.50



11:58 AM

09/08/21

Accrual Basis

**Buckingham Park Water District  
General Journal Transaction  
August 31, 2021**

Num	Name	Memo	Account	Class	Debit	Credit
47037		Expense pre-...	531.20 · Chemicals-...		629.69	
		Expense post...	531.25 · Chemicals-...		966.30	
		370.3 gal exp...	300-200 · PrePaid C...			1,595.99
					1,595.99	1,595.99
TOTAL					1,595.99	1,595.99


**UMPQUA BANK**

August 31, 2021 Page: 1 of 8

 Customer Service:  
 1-866-486-7782

 BUCKINGHAM PARK WATER DISTRICT  
 2880 EASTLAKE DR  
 KELSEYVILLE CA 95451-9031

 Last statement: July 31, 2021  
 This statement: August 31, 2021

Account service fees for account research, check cashing, cashier's and counter checks, foreign currency exchange, returned deposit items, statement copies, verification of deposit, and wire trace or amendment will change on 09/01/2021. For more information, visit: [Umpquabank.com/globalassets/media/documents/Umpqua\\_bank\\_other\\_account\\_services.pdf](http://Umpquabank.com/globalassets/media/documents/Umpqua_bank_other_account_services.pdf)

**PUBLIC FUNDS ANALYZED CHECKING**

Account number	4861421586	Beginning balance	\$142,790.35
Low balance	\$123,188.18	Deposits/Additions	\$74,028.03
Average balance	\$134,052.90	Withdrawals/Subtractions	\$63,093.76
Interest earned	\$0.00	Ending balance	\$153,724.62

**Deposits/Additions**

<u>Date</u>	<u>Description</u>	<u>Additions</u>
08-18	Deposit	105.00
08-18	Deposit	104.16
<b>Total Additions</b>		<b>\$209.16</b>

**Other Deposits/ Additions**

<u>Date</u>	<u>Description</u>	<u>Additions</u>
08-02	Remote Capture Dep	647.98
08-03	Remote Capture Dep	547.30
08-04	Remote Capture Dep	544.94
08-06	Remote Capture Dep	3,334.60
08-09	Remote Capture Dep	4,719.77
08-10	Remote Capture Dep	3,854.90
08-11	Remote Capture Dep	2,491.31
08-12	Remote Capture Dep	2,766.76
08-13	Remote Capture Dep	3,972.87
08-16	Remote Capture Dep	5,121.78
08-17	Remote Capture Dep	3,000.47
08-19	Remote Capture Dep	3,400.48
08-23	Remote Capture Dep	3,325.03
08-24	Remote Capture Dep	2,231.24

BUCKINGHAM PARK WATER DISTRICT

August 31, 2021 Page: 2 of 8

<u>Date</u>	<u>Description</u>	<u>Additions</u>
08-26	Remote Capture Dep	2,544.87
08-27	Remote Capture Dep	4,514.01
08-31	Remote Capture Dep	3,376.63
<b>Total Other Deposits/ Additions</b>		<b>\$50,394.94</b>

**ACH and Electronic Payments/Subtractions**

<u>Date</u>	<u>Description</u>	<u>Subtractions</u>
08-03	ACH Debit Vsp Payment Payments 20210803	46.28
08-03	ACH Debit Pitney Bowes Postedge 48049399 20210802	300.00
08-04	ACH Debit Calpers 3100 7823229732 100000016482213	1,271.36
08-04	ACH Debit Buckingham Park ACH 9425181586 Debit Offset For O Riginated Credits	5,233.35
08-06	ACH Debit Employment Devel Edd Eftpmt 1323116832 20210806	127.03
08-06	ACH Debit Employment Devel Edd Eftpmt 1728846112 20210806	412.49
08-06	ACH Debit IRS Usat taxpymt 270161891596637 20210806	2,818.52
08-09	ACH Debit Pgande Web Online 20210807	269.93
08-09	ACH Debit Pgande Web Online 20210807	292.91
08-09	ACH Debit Pgande Web Online 20210807	3,979.10
08-11	ACH Debit United Healthcar EDI Paymts 20210811 442580007791	2,883.16
08-19	ACH Debit Calpers 3100 7823229732 100000016509009	1,252.97
08-19	ACH Debit IRS Usat taxpymt 270163181627313 20210819	2,694.70
08-19	ACH Debit Buckingham Park ACH 9425181586 Debit Offset For O Riginated Credits	4,970.84
08-20	ACH Debit Employment Devel Edd Eftpmt 995394848 20210820	129.51
08-20	ACH Debit Employment Devel Edd Eftpmt 514414880 20210820	427.08
08-20	ACH Debit IRS Usat taxpymt 270163220448383 20210820	2,853.46
08-23	ACH Debit Calpers 3100 7823229732 100000016509012	1,261.92
<b>Total ACH and Electronic Payments/Subtractions</b>		<b>\$31,224.61</b>

**ACH and Electronic Deposits/Additions**

<u>Date</u>	<u>Description</u>	<u>Additions</u>
08-03	ACH Credit Paygov.U.S, LLC Tf 7.30 Buckingham Park 20210803	115.89
08-04	ACH Credit Paygov.U.S, LLC Tf 8.2 Buckingham Park 20210804	517.17
08-06	ACH Credit Paygov.U.S, LLC Tf 8.4 Buckingham Park 20210806	247.17
08-09	ACH Credit Paygov.U.S, LLC Tf 8.5 Buckingham Park 20210809	556.53
08-11	ACH Credit Paygov.U.S, LLC Tf 8.9 Buckingham Park 20210811	214.20
08-16	ACH Credit Paygov.U.S, LLC Tf 8.12 Buckingham Park 20210816	115.00
08-19	ACH Credit Paygov.U.S, LLC Tf 8.17 Buckingham Park 20210819	119.07
08-20	ACH Credit Paygov.U.S, LLC Tf 8.18 Buckingham Park 20210820	30.00
08-23	ACH Credit Paygov.U.S, LLC Tf 8.19 Buckingham Park 20210823	544.71
08-27	ACH Credit Buckingham Park Payment 9425181586 Credit Offset For Originated Debits	20,690.99
08-27	ACH Credit Paygov.U.S, LLC Tf 8.25 Buckingham Park 20210827	273.20
<b>Total ACH and Electronic Deposits/Additions</b>		<b>\$23,423.93</b>

**Other Withdrawals/Subtractions**

<u>Date</u>	<u>Description</u>	<u>Subtractions</u>
08-03	Cash Mgmt Trsfr Dr Ref 21514021 Funds Transfer To Dep 4864976156 From Usda Loan Payment	375.95
08-20	Maintenance Fee Analysis Activity For 07/21	248.86
08-26	Cash Mgmt Trsfr Dr Ref 23810051 Funds Transfer To Dep 4864976156 From Usda Loan Payment	375.95
08-27	Research Charge Cks	20.00
<b>Total Other Withdrawals/Subtractions</b>		<b>\$1,020.76</b>

Daily Balances

Date	Amount
07-31	142,790.35
08-02	143,438.33
08-03	143,379.29
08-04	137,936.69
08-05	136,236.69
08-06	129,238.47
08-09	129,972.83
08-10	131,520.87

Date	Amount
08-11	131,074.64
08-12	133,117.40
08-13	127,160.01
08-16	132,396.79
08-17	135,397.26
08-18	135,606.42
08-19	129,207.46

Date	Amount
08-20	123,188.18
08-23	125,796.00
08-24	124,464.39
08-25	123,606.44
08-26	125,392.50
08-27	150,455.22
08-31	153,724.62

Overdraft Fee Summary

	Total For This Period	Total Year-to-Date
Total Overdraft Fees	\$0.00	\$0.00
Total Returned Item Fees	\$0.00	\$0.00

Checks

Check #	Amount	Date	Check #	Amount	Date
2718	\$4,500.75	08-06	*2752	\$1,154.00	08-24
2719	\$107.80	08-06	2753	\$39.99	08-24
*2723	\$220.00	08-06	2754	\$273.49	08-26
*2725	\$2,393.40	08-06	*2757	\$330.00	08-24
*2729	\$640.00	08-12	2758	\$13.70	08-24
2730	\$180.26	08-13	2759	\$129.95	08-25
2731	\$84.00	08-12	2760	\$61.97	08-24
2732	\$168.58	08-11	2761	\$728.00	08-25
2733	\$100.00	08-11	2762	\$107.23	08-31
2734	\$9,750.00	08-13	2763	\$391.45	08-24
2735	\$1,700.00	08-05	2764	\$1,000.00	08-19
2736	\$2,156.86	08-10	2765	\$1,571.74	08-24
2737	\$150.00	08-10	2766	\$109.37	08-26
*2743	\$220.00	08-27	2767	\$75.48	08-27
*2745	\$2,390.37	08-20	2768	\$100.00	08-27

(\* Skip in check sequence, R-Check has been returned, + Electronified check)

Total Checks paid: 30 for **-\$30,848.39**

BUCKINGHAM PARK WATER DISTRICT  
 PH (927) 274-4564  
 2500 EAST LAKE DR.  
 KELSEYVILLE, CA 95451-9031

7/23/2021

PAY TO THE ORDER OF PACE ENGINEERING \$ 4,500.75

Four Thousand Five Hundred and 75/100

PACE ENGINEERING  
 1733 South St.  
 Redding, CA 96001

MEMO 4/19/21  
 2412.02 2016 Water System Upgrades

⑆002718⑆ ⑆123205054⑆ 4861421586⑆

Check # 2718, Posted 08-06-21, Amount \$4,500.75

BUCKINGHAM PARK WATER DISTRICT  
 PH (927) 274-4564  
 2500 EAST LAKE DR.  
 KELSEYVILLE, CA 95451-9031

8/5/2021

PAY TO THE ORDER OF Alan H. Scheel \$ 2,393.40

Two Thousand Three Hundred Forty-Three and 40/100

Alan H. Scheel  
 1535 S. Person Street  
 Ukiah, CA 95422

MEMO  
 Pay Period: 07/16/2021 - 07/31/2021

⑆002725⑆ ⑆123205054⑆ 4861421586⑆

Check # 2725, Posted 08-06-21, Amount \$2,393.40

M0C0005012720001340:1100386

FOR DEPOSIT ONLY  
 FRONT ENDORSEMENT AREA  
 ALL OTHER ENDORSEMENTS  
 WILL BE VOIDED

BUCKINGHAM PARK WATER DISTRICT  
 PH (927) 274-4564  
 2500 EAST LAKE DR.  
 KELSEYVILLE, CA 95451-9031

7/23/2021

PAY TO THE ORDER OF CWR \$ 107.80

One Hundred Seven and 80/100

CWR  
 PO Box 37600  
 Philadelphia, CA 95101-0500

MEMO 06/24/2020

⑆002719⑆ ⑆123205054⑆ 4861421586⑆

Check # 2719, Posted 08-06-21, Amount \$107.80

BUCKINGHAM PARK WATER DISTRICT  
 PH (927) 274-4564  
 2500 EAST LAKE DR.  
 KELSEYVILLE, CA 95451-9031

8/5/2021

PAY TO THE ORDER OF Agha Analytical Laboratories, Inc. \$ 640.00

Six Hundred Forty and 00/100

Agha Analytical Laboratories, Inc.  
 203 Mason Street  
 Ukiah, CA 95422

MEMO BUCKPRK

⑆002729⑆ ⑆123205054⑆ 4861421586⑆

Check # 2729, Posted 08-12-21, Amount \$640.00

123205054 002729  
 4861421586  
 BUCKINGHAM PARK WATER DISTRICT

WELLS FARGO BANK > 4337214792  
 STAPLES 0000921900 AT WELLS FARGO BANK

ATM DEPOSIT ONLY  
 FRONT ENDORSEMENT AREA  
 ALL OTHER ENDORSEMENTS  
 WILL BE VOIDED

BUCKINGHAM PARK WATER DISTRICT  
 PH (927) 274-4564  
 2500 EAST LAKE DR.  
 KELSEYVILLE, CA 95451-9031

7/23/2021

PAY TO THE ORDER OF Lake County Public Works / Roads Division \$ 220.00

Two Hundred Twenty and 00/100

Lake County Public Works / Roads Division

MEMO 2605 Westlake Drive Service Line Repair

⑆002723⑆ ⑆123205054⑆ 4861421586⑆

Check # 2723, Posted 08-06-21, Amount \$220.00

BUCKINGHAM PARK WATER DISTRICT  
 PH (927) 274-4564  
 2500 EAST LAKE DR.  
 KELSEYVILLE, CA 95451-9031

8/13/2021

PAY TO THE ORDER OF AT&T (CALLNET) BAN 89391064713 \$ 180.26

One Hundred Eighty and 26/100

AT&T (CALLNET) BAN 89391064713  
 P.O. Box 9011  
 Carol Stream, IL 60117-5011

MEMO

⑆002730⑆ ⑆123205054⑆ 4861421586⑆

Check # 2730, Posted 08-13-21, Amount \$180.26

FOR DEPOSIT ONLY  
 FRONT ENDORSEMENT AREA  
 ALL OTHER ENDORSEMENTS  
 WILL BE VOIDED

ACUS CHECK 270435 32 05110150  
 0391004713 2704355 15 295

FOR DEPOSIT ONLY  
 FRONT ENDORSEMENT AREA  
 ALL OTHER ENDORSEMENTS  
 WILL BE VOIDED

AT&T (CALLNET) BAN 89391064713



BUCKINGHAM PARK WATER DISTRICT  
 PH (927)774-8564  
 2340 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2737  
 8/10/21  
 8/10/21

PAY TO THE ORDER OF: USA North 811 \$ 150.00

One Hundred Fifty and 00/100

USA North 811 Underground Service Alert  
 of Northern CA & Nevada  
 PO Box 5240  
 San Jose, CA 95150

MEMO: BUCKPRK

⑆002737⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2737, Posted 08-10-21, Amount \$150.00

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)774-8564  
 2340 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2752  
 8/24/21  
 8/24/21

PAY TO THE ORDER OF: Alpha Analytical Laboratories, Inc. \$ 1,154.00

One Thousand One Hundred Fifty-Four and 00/100

Alpha Analytical Laboratories, Inc.  
 204 Mason Street  
 Ukiah, CA 95422

MEMO: BUCKPRK

⑆002752⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2752, Posted 08-24-21, Amount \$1,154.00

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)774-8564  
 2340 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2743  
 8/27/21  
 8/27/21

PAY TO THE ORDER OF: Lake County Department of Public Works \$ 220.00

Two Hundred Twenty and 00/100

Lake County Department of Public Works  
 Permit for 2850 Eastlake Drive

MEMO: BUCKPRK

⑆002743⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2743, Posted 08-27-21, Amount \$220.00

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)774-8564  
 2340 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2753  
 8/24/21  
 8/24/21

PAY TO THE ORDER OF: Capital One Trade Credit \$ 39.99

Three Nine and 99/100

Capital One Trade Credit  
 PO Box 105525  
 Atlanta, GA 30348-5525

MEMO: BUCKPRK

⑆002753⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2753, Posted 08-24-21, Amount \$39.99

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)774-8564  
 2340 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2745  
 8/20/21  
 8/20/21

PAY TO THE ORDER OF: Alan Mitchell \$ 2,390.37

Two Thousand Three Hundred Ninety and 37/100

Alan Mitchell  
 3535 Jefferson Street  
 Clearlake, CA 95422

MEMO: Pay Period 08/01/2021 - 08/31/2021

⑆002745⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2745, Posted 08-20-21, Amount \$2,390.37

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)774-8564  
 2340 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2754  
 8/26/21  
 8/26/21

PAY TO THE ORDER OF: Clearlake Lava, Inc. \$ 273.49

Two Hundred Seventy Three and 49/100

Clearlake Lava, Inc.  
 PO Box 1250  
 Clearlake Oaks, CA 95423

MEMO: BUCKPRK

⑆002754⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2754, Posted 08-26-21, Amount \$273.49

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)774-8564  
 2340 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2745  
 8/20/21  
 8/20/21

PAY TO THE ORDER OF: Alan Mitchell \$ 2,390.37

Two Thousand Three Hundred Ninety and 37/100

Alan Mitchell  
 3535 Jefferson Street  
 Clearlake, CA 95422

MEMO: Pay Period 08/01/2021 - 08/31/2021

⑆002745⑆ ⑆123205054⑆ ⑆4861421586⑆

1532E000022540

Clear M. Miller

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)774-8564  
 2340 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2754  
 8/26/21  
 8/26/21

PAY TO THE ORDER OF: Clearlake Lava, Inc. \$ 273.49

Two Hundred Seventy Three and 49/100

Clearlake Lava, Inc.  
 PO Box 1250  
 Clearlake Oaks, CA 95423

MEMO: BUCKPRK

⑆002754⑆ ⑆123205054⑆ ⑆4861421586⑆

FOR DEPOSIT ONLY

BUCKINGHAM PARK WATER DISTRICT

August 31, 2021 Page: 7 of 8

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)79-6554  
 2150 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2757  
 8/20/2021

PAY TO THE ORDER OF: Karla Kennedy \$ \*\*330.00

Three Hundred Thirty and 00/100

Karla Kennedy  
 P.O. Box 85  
 Lower Lake, CA 95457

TWO SIGNATURES OVER \$1,000.00

MEMO

⑆002757⑆ ⑆123205054⑆ 4861421586⑆

Check # 2757, Posted 08-24-21, Amount \$330.00

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)79-6554  
 2150 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2760  
 8/20/2021

PAY TO THE ORDER OF: Harold L J Home Center & Lumber Co \$ \*\*61.97

Sixty One and 97/100

Harold L J Home Center & Lumber Co  
 1870 North State Street  
 Ukiah, CA 95487

TWO SIGNATURES OVER \$1,000.00

MEMO

⑆002760⑆ ⑆123205054⑆ 4861421586⑆

Check # 2760, Posted 08-24-21, Amount \$61.97

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)79-6554  
 2150 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2758  
 8/20/2021

PAY TO THE ORDER OF: Lake County Waste Solutions \$ \*\*13.70

Thirteen and 70/100

Lake County Waste Solutions  
 P.O. Box 85  
 Ukiah, CA 95487-6500

TWO SIGNATURES OVER \$1,000.00

MEMO

⑆002758⑆ ⑆123205054⑆ 4861421586⑆

Check # 2758, Posted 08-24-21, Amount \$13.70

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)79-6554  
 2150 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2761  
 8/20/2021

PAY TO THE ORDER OF: NTU Technologies, Inc \$ \*\*728.00

Seven Hundred Twenty Eight and 00/100

NTU Technologies, Inc  
 P.O. Box 1107  
 Davis, CA 95617

TWO SIGNATURES OVER \$1,000.00

MEMO

⑆002761⑆ ⑆123205054⑆ 4861421586⑆

Check # 2761, Posted 08-25-21, Amount \$728.00

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)79-6554  
 2150 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2759  
 8/20/2021

PAY TO THE ORDER OF: Medison \$ \*\*129.95

One Hundred Twenty Nine and 95/100

Medison  
 P.O. Box 5744  
 Carol Stream, IL 60197-5741

TWO SIGNATURES OVER \$1,000.00

MEMO

⑆002759⑆ ⑆123205054⑆ 4861421586⑆

Check # 2759, Posted 08-25-21, Amount \$129.95

BUCKINGHAM PARK WATER DISTRICT  
 PH (927)79-6554  
 2150 EASTLAKE DR.  
 KELSEYVILLE, CA 95451-9031

2762  
 8/20/2021

PAY TO THE ORDER OF: DVI \$ \*\*107.23

One Hundred Seven and 23/100

DVI  
 PO Box 37600  
 Philadelphia, PA 19101-6500

TWO SIGNATURES OVER \$1,000.00

MEMO

⑆002762⑆ ⑆123205054⑆ 4861421586⑆

Check # 2762, Posted 08-31-21, Amount \$107.23

DEPT O Medison Comm. Corporation 838460003092052  
 Absence of Embezzlement Guaranteed

WELLS FARGO BANK #435324479#  
 STAPLES 0000247908 AT WELLS FARGO BANK



BUCKINGHAM PARK WATER DISTRICT  
 P.O. BOX 6000  
 2500 EASTLAXE DR.  
 KELSEVILLE, CA 94541-9001

2763

8/20/2021

PAY TO THE ORDER OF Small Technology Group \$ \*\*391.45

Three Hundred Ninty One and 45/100

Small Technology Group  
 100 Professional Center Drive, Suite 105  
 Robert Park, CA 94928

MEMO 727835687's Memorandum Agreement

⑆002763⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2763, Posted 08-24-21, Amount \$391.45

BUCKINGHAM PARK WATER DISTRICT  
 P.O. BOX 6000  
 2500 EASTLAXE DR.  
 KELSEVILLE, CA 94541-9001

2766

8/23/2021

PAY TO THE ORDER OF USA Ebooks \$ \*\*109.37

One Hundred Nine and 37/100

USA Ebooks  
 P.O. Box 9004  
 Gurnee, IL 60031

MEMO 593374

⑆002766⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2766, Posted 08-26-21, Amount \$109.37

MerchantCap >121101955< 1664173000280\_08242021

For Deposit Only Exchange Bank  
 To the Account of 0000012740  
 08/24/2021

123205054 002766  
 4861421586

⑆002766⑆ ⑆123205054⑆ ⑆4861421586⑆

BUCKINGHAM PARK WATER DISTRICT  
 P.O. BOX 6000  
 2500 EASTLAXE DR.  
 KELSEVILLE, CA 94541-9001

2764

8/20/2021

PAY TO THE ORDER OF Terri Lujan \$ \*\*1,000.00

One Thousand and 00/100

Terri Lujan  
 2535 Esplanade Drive  
 Kelseyville, CA 9546

MEMO

⑆002764⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2764, Posted 08-19-21, Amount \$1,000.00

BUCKINGHAM PARK WATER DISTRICT  
 P.O. BOX 6000  
 2500 EASTLAXE DR.  
 KELSEVILLE, CA 94541-9001

2767

8/20/2021

PAY TO THE ORDER OF Verizon Wireless \$ \*\*75.48

Seventy Five and 48/100

Verizon Wireless  
 PO Box 650103  
 Dallas, TX 75266-0103

MEMO 742013508-00001

⑆002767⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2767, Posted 08-27-21, Amount \$75.48

Handwritten signature and notes on a blank check form.

COPIES DESTROYED BY REFERENCE 353337836  
 DATE OF NEW YORK 08/27/21, TIME 08  
 353337836/27/21 11:48:57:642 031  
 COPIES DESTROYED BY REFERENCE 353337836

BUCKINGHAM PARK WATER DISTRICT  
 P.O. BOX 6000  
 2500 EASTLAXE DR.  
 KELSEVILLE, CA 94541-9001

2765

8/20/2021

PAY TO THE ORDER OF US Bank \$ \*\*1,571.74

One Thousand Five Hundred Seventy One and 74/100

US Bank  
 P.O. Box 6313  
 Fargo, ND 58125-6313

MEMO

⑆002765⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2765, Posted 08-24-21, Amount \$1,571.74

BUCKINGHAM PARK WATER DISTRICT  
 P.O. BOX 6000  
 2500 EASTLAXE DR.  
 KELSEVILLE, CA 94541-9001

2768

8/24/2021

PAY TO THE ORDER OF Alimah Voncarathel-Petry Cash \$ \*\*100.00

One Hundred and 00/100

MEMO

⑆002768⑆ ⑆123205054⑆ ⑆4861421586⑆

Check # 2768, Posted 08-27-21, Amount \$100.00

123205054 002765  
 4861421586

08/23/2021 1500020520 46442 00027  
 >091000022< U.S. BANK  
 Fargo Electronic Payment

⑆002765⑆ ⑆123205054⑆ ⑆4861421586⑆

1502200635940

Handwritten signature.


**UMPQUA BANK**

August 31, 2021 Page: 1 of 2

 Customer Service:  
 1-866-486-7782

 BUCKINGHAM PARK WATER DISTRICT  
 U S D A LOAN  
 2880 EASTLAKE DR  
 KELSEYVILLE CA 95451-9031

 Last statement: July 31, 2021  
 This statement: August 31, 2021

Account service fees for account research, check cashing, cashier's and counter checks, foreign currency exchange, returned deposit items, statement copies, verification of deposit, and wire trace or amendment will change on 09/01/2021. For more information, visit: [Umpquabank.com/globalassets/media/documents/Umpqua\\_bank\\_other\\_account\\_services.pdf](http://Umpquabank.com/globalassets/media/documents/Umpqua_bank_other_account_services.pdf)

**PUBLIC FUNDS ANALYZED CHECKING**

Account number	4864976156	Beginning balance	\$27,504.56
Low balance	\$27,504.56	Deposits/Additions	\$751.90
Average balance	\$27,920.15	Withdrawals/Subtractions	\$22.92
Interest earned	\$0.00	Ending balance	\$28,233.54

**Other Deposits/ Additions**

<u>Date</u>	<u>Description</u>	<u>Additions</u>
08-03	Cash Mgmt Trsfr Cr Ref 21514021 Funds Transfer Frm Dep 4861421586 From Usda Loan Payment	375.95
08-26	Cash Mgmt Trsfr Cr Ref 23810051 Funds Transfer Frm Dep 4861421586 From Usda Loan Payment	375.95
<b>Total Other Deposits/ Additions</b>		<b>\$751.90</b>

**Other Withdrawals/Subtractions**

<u>Date</u>	<u>Description</u>	<u>Subtractions</u>
08-20	Maintenance Fee Analysis Activity For 07/21	22.92
<b>Total Other Withdrawals/Subtractions</b>		<b>\$22.92</b>

Daily Balances

Date	Amount	Date	Amount	Date	Amount
07-31	27,504.56	08-20	27,857.59	08-31	28,233.54
08-03	27,880.51	08-26	28,233.54		

Overdraft Fee Summary

	Total For This Period	Total Year-to-Date
Total Overdraft Fees	\$0.00	\$0.00
Total Returned Item Fees	\$0.00	\$0.00

Checks

(\* Skip in check sequence, R-Check has been returned, + Electronified check)  
 Total Checks paid: 0 for **-\$0.00**

9/2/2021

LAIF Regular Monthly Statement

California State Treasurer  
**Fiona Ma, CPA**



Local Agency Investment Fund  
P.O. Box 942809  
Sacramento, CA 94209-0001  
(916) 653-3001

September 02, 2021

[LAIF Home](#)  
[PMIA Average Monthly Yields](#)

BUCKINGHAM PARK WATER DISTRICT

OFFICE MANAGER  
2880 EASTLAKE DRIVE  
KELSEYVILLE, CA 95451

[Tran Type Definitions](#)

Account Number: 90-17-003

August 2021 Statement

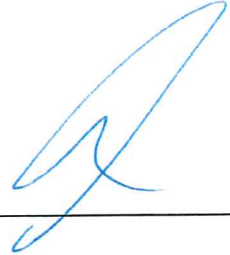
**Account Summary**


Total Deposit:	0.00	Beginning Balance:	969,499.01
Total Withdrawal:	0.00	Ending Balance:	969,499.01

PETTY CASH RECONCILIATION

DATE: 9/2/21

\$0.01	<u>.15</u>	(Attach tape here)	
\$0.05	<u>.35</u>		0.006 +
\$0.10	<u>1.00</u>		0.15 +
\$0.25	<u>5.50</u>		0.35 +
\$1.00	<u>8.00</u>		1.00 +
\$5.00	<u>25.00</u>		5.50 +
\$10.00	<u>30.00</u>		8.00 +
\$20.00	<u>80.00</u>		25.00 +
\$50.00	<u>          </u>		30.00 +
\$100.00	<u>          </u>		80.00 +
Total Cash	<u>150.00</u>		150.006 +

Reconciled By:  / SEP 02 2021 Date

Verified By:  / SEP 02 2021 Date

11:32 AM

09/02/21

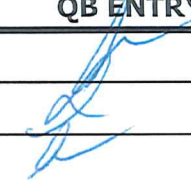
Accrual Basis


**Buckingham Park Water District**  
**Account QuickReport**  
 As of September 2, 2021

Type	Date	Num	Name	Memo	Split	Amount	Balance
130 · Petty Cash							200.00
Check	08/04/2021		Braitto's Riviera Foods		541.60 · Mileag...	-50.00	150.00
Check	08/18/2021		Braitto's Riviera Foods		541.60 · Mileag...	-50.00	100.00
Check	08/24/2021	2768	Ahimsah Wonderwhe...		115 · Umpqua B...	100.00	200.00
Check	08/30/2021	2519	Braitto's Riviera Foods		541.60 · Mileag...	-50.00	150.00
Total 130 · Petty Cash						-50.00	150.00
<b>TOTAL</b>						<b>-50.00</b>	<b>150.00</b>

**Buckingham Park Water District**

Petty Cash Expense Log  
 Month: August 2021

DATE	VENDOR	CODE	PURPOSE	AMOUNT	CASH RECD' BY:	QB ENTRY BY:
8/4/21	Braitos	541.60	Gas @ Ford	\$50-	WRC	
8/18/21	Braitos	541.60	Gas @ Ford	\$50-	WRC	
8/30/21	Braitos	541.60	Gas @ Ford	\$50-	WRC	

  
 Signature of Verification

19/2/21  
 Date

GAS FOR WR  
RANGER 8/4/21

RIVIERA FOODS  
9730 STATE HWY 281 KELSEYVILLE CA  
(707) 277-7601

0001 02 02237471 08/04/21 1:59pm 151 JULIE  
GAS \$50.00

9.2285 SUBTOTAL \$50.00  
TOTAL \$50.00

MILES CASH \$50.00  
CHANGE \$0.00

# OF ITEMS: 1

11.366 GAL @ \$4.399/GAL



WR 8/18/21  
GAS FOR RANGER  
92505 MI

RIVIERA FOODS  
9730 STATE HWY 231 KELSEYVILLE CA  
(707) 277-7601

MYRANCA  
0001 01 01025744 03/13/21 1:16pm 157  
GAS \$50.00

SUBTOTAL \$50.00  
TOTAL \$50.00

CASH \$50.00  
CHANGE \$0.00

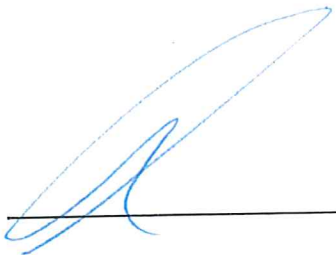
# OF ITEMS: 1


11.113 GAL @ \$4.499/GAL

PETTY CASH RECONCILIATION

DATE: 8/24/21

\$0.01	<u>.15</u>	(Attach tape here)	
\$0.05	<u>.35</u>		0.00G +
\$0.10	<u>1.00</u>		20.00 +
\$0.25	<u>5.50</u>		40.00 +
\$1.00	<u>8.00</u>		25.00 +
\$5.00	<u>25.00</u>		8.00 +
\$10.00	<u>40.00</u>		5.50 +
\$20.00	<u>20.00</u>		1.00 +
\$50.00	<u>          </u>		0.35 +
\$100.00	<u>          </u>		0.15 +
Total Cash	<u>100.00</u>		100.00G +
			200.00 +
			100.00 -
			100.00G +

Reconciled By:  / 8/24/21  
Date

Verified By:  / 8/24/21  
Date

1:53 PM

08/24/21

Accrual Basis

Buckingham Park Water District  
Account QuickReport  
As of August 31, 2021

Type	Date	Num	Name	Amount	Balance
130 · Petty Cash					200.00
Check	08/04/2021		Braitto's Riviera Foods	-50.00	150.00
Check	08/18/2021		Braitto's Riviera Foods	-50.00	100.00
Total 130 · Petty Cash				-100.00	100.00
TOTAL				-100.00	100.00

BUCKINGHAM PARK WATER DISTRICT

Ahimsah Wonderwheel - Petty Cash  
130 · Petty Cash

8/24/2021

100.00

Umpqua Bank- 1586

100.00

BUCKINGHAM PARK WATER DISTRICT

Ahimsah Wonderwheel - Petty Cash  
130 · Petty Cash

8/24/2021

100.00

2768

Umpqua Bank- 1586

100.00

BUCKINGHAM PARK WATER DISTRICT

2768

Ahimsah Wonderwheel - Petty Cash  
130 · Petty Cash

8/24/2021

100.00

Umpqua Bank- 1586

100.00

BUCKINGHAM PARK WATER DISTRICT

2768

Ahimsah Wonderwheel - Petty Cash  
130 · Petty Cash

8/24/2021

100.00

Umpqua Bank- 1586

100.00

GAS FOR RANGER  
WJC 8/30/21

RIVIERA FOODS  
9730 STATE HWY 231 KELSEYVILLE CA  
(707) 277-7601

0001 01 01032821 08/30/21 11:24am 107 JCH  
GAS \$50.00

SUBTOTAL \$50.00  
TOTAL \$50.00

CASH \$50.00  
CHANGE \$0.00

# OF ITEMS: 1 92653 MILES

11.366 GAL @ \$4.399/GAL

# Invoice

Nate's Electric, Inc  
 PO Box 134  
 Kelseyville, CA 95451

Date	Invoice #
9/8/2021	20384

Bill To
Buckingham Water park District 2880 Eastlake Dr. Kelseyville, Ca. 95451

P.O. No.	Terms	Project
		Buckingham Water Pump P...

Quantity	Description	Rate	Amount
	<b>JOB: Buckingham Water Pump Power</b>  Provide all electrical materials, installation and testing as per plans and specs including: - Run conduit with 30 amp 480 v 3 ph circuit from main panel underground to VFD location, install VFD on strut rack, install level transmitter in tank. From VFD continue circuit to sea wall and install 480v outlet as per specs and matching cord end on floating pump cord. - EXCLUDING: dirt work, pump, floating pump cord, VFD, level transmitter.		
1	Labor and material:	16,550.00	16,550.00
	TERMS: Nate's Electric to supply all labor and material as described , all wages to be paid out as prevailing wage and recorded properly.		
1	Bucket style pump breaker already purchased and paid for by Buckingham Water: County of Lake - Sales Tax	-2,650.00 7.25%	-2,650.00 0.00
<b>Total</b>			\$13,900.00



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### AB 361 – Brown Act: Remote Meetings During a State of Emergency

#### Background – the Governor's Executive Orders:

Starting in March 2020, amid rising concern surrounding the spread of COVID-19 throughout communities in the state, California Governor Gavin Newsom issued a series of Executive Orders aimed at containing the novel coronavirus. These Executive Orders ([N-25-20](#), [N-29-20](#), [N-35-20](#)) collectively modified certain requirements created by the Ralph M. Brown Act (“the Brown Act”), the state’s local agency public meetings law.

The orders waived several requirements, including requirements in the Brown Act expressly or impliedly requiring the physical presence of members of the legislative body, the clerk or other personnel of the body, or of the public as a condition of participation in or for the purpose of establishing a quorum for a public meeting.<sup>12</sup> Furthermore, the orders:

- waived the requirement that local agencies provide notice of each teleconference location from which a member of the legislative body will be participating in a public meeting,
- waived the requirement that each teleconference location be accessible to the public,
- waived the requirement that members of the public be able to address the legislative body at each teleconference conference location,
- waived the requirement that local agencies post agendas at all teleconference locations, and,
- waived the requirement that at least a quorum of the members of the local body participate from locations within the boundaries of the territory over which the local body exercises jurisdiction.

Under the orders, local agencies were still required to provide advance notice of each public meeting according to the timeframe otherwise prescribed by the Brown Act, and using the means otherwise prescribed by the Brown Act. Agencies were – for a time – required to allow members of the public to observe and address the meeting telephonically or otherwise electronically. Local agencies were eventually explicitly freed from the obligation of providing a physical location from which members of the public could observe the meeting and offer public comment.<sup>3</sup>

In each instance in which notice of the time of the meeting was given or the agenda for the meeting was posted, the local agency was required to give notice of the manner members of the public could observe the meeting and offer public comment. In any instance in which there was a change in the manner of public observation and comment, or any instance prior to the issuance of the executive orders in which the time of the meeting had been noticed or the agenda for the meeting had been posted without also including notice of the manner of public observation and comment, a local agency would be able to satisfy this requirement by

<sup>1</sup> Executive Order N-25-20, <https://www.gov.ca.gov/wp-content/uploads/2020/03/3.12.20-EO-N-25-20-COVID-19.pdf>

<sup>2</sup> Executive Order N-29-20, <https://www.gov.ca.gov/wp-content/uploads/2020/03/3.17.20-N-29-20-EO.pdf>

<sup>3</sup> *Ibid*





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advertising the means of public observation and comment using "the most rapid means of communication available at the time" within the meaning of California Government Code, section 54954(e); this includes, but is not limited to, posting the manner in which the public could participate on the agency's website.

The orders also provided flexibility for a legislative body to receive a "serial" or simultaneous communication outside of an open meeting, allowing all members of the legislative body to receive updates (including, but not limited to, simultaneous updates) relevant to the emergency (including, but not limited to, updates concerning the impacts of COVID-19, the government response to COVID-19, and other aspects relevant to the declared emergency) from federal, state, and local officials, and would be allowed to ask questions of those federal, state, and local officials, in order for members of the legislative body to stay apprised of emergency operations and the impact of the emergency on their constituents. Members of a local legislative body were explicitly not permitted to take action on, or to discuss amongst themselves, any item of business that was within the subject matter jurisdiction of the legislative body without complying with requirements of the Brown Act.<sup>4</sup>

### *The Brown Act Executive Orders Sunset – September 30, 2021*

On June 11, 2021, the Governor issued Executive Order N-08-21 which rescinds the aforementioned modifications made to the Brown Act, effective September 30, 2021.<sup>5</sup> After that date, local agencies are required to observe all the usual Brown Act requirements *status quo ante* (as they existed prior to the issuance of the orders). Local agencies must once again ensure that the public is provided with access to a physical location from which they may observe a public meeting and offer public comment. Local agencies must also resume publication of the location of teleconferencing board members, post meeting notices and agendas in those locations, and make those locations available to the public in order to observe a meeting and provide public comment.

### *AB 361 – Flexibility for Remote Open Meetings During a Proclaimed State Emergency*

Assembly Bill 361, introduced in February 2021 by Assembly Member Robert Rivas (D-30, Hollister), and sponsored by the California Special Districts Association, provides local agencies with the ability to meet remotely **during proclaimed state emergencies** under modified Brown Act requirements, similar in many ways to the rules and procedures established by the Governor's Executive Orders.

**Important Note:** AB 361's provisions can only be used in the event that a gubernatorial **state of emergency** 1) has been issued **AND** 2) remains active. It is **not sufficient** that county and/or city officials have issued a local emergency declaration – the emergency declaration must be one that is made pursuant to the California Emergency Services Act (CA GOVT § 8625).

<sup>4</sup> Executive Order N-35-20, <https://www.gov.ca.gov/wp-content/uploads/2020/03/3.21.20-EO-N-35-20.pdf>

<sup>5</sup> Executive Order N-08-21, <https://www.gov.ca.gov/wp-content/uploads/2021/06/6.11.21-EO-N-08-21-signed.pdf>



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Specifically, AB 361 suspends the requirements located in California Government Code, section 54953, subdivision (b), paragraph (3). What does this mean for local agencies? This means that, during a state of emergency, under specified circumstances, local agencies can meet pursuant to modified Brown Act requirements. Each of these modifications is broken out below.

**The provisions enacted by AB 361 providing flexibility to meet remotely during a proclaimed emergency will sunset on January 1, 2024. This is subject to change if a future Legislature and Governor elect to extend the sunset or make the provisions permanent.**

### AB 361 IMPACTS ON LOCAL AGENCY COMPLIANCE WITH THE BROWN ACT

Brown Act Requirement	Requirement under AB 361
If the legislative body of a local agency elects to use teleconferencing, it shall post agendas at all teleconference locations and conduct teleconference meetings in a manner that protects the statutory and constitutional rights of the parties or the public appearing before the legislative body of a local agency.	<ul style="list-style-type: none"> <li>Agendas not required to be posted at <b>all teleconference locations</b></li> <li>Meeting must still be conducted in a manner that protects the statutory and constitutional rights of the parties or the public appearing before the legislative body of a local agency</li> </ul>

In the context of an emergency, members of the legislative body of a local agency may be teleconferencing from less-than-ideal locations – e.g., the private domicile of a friend or relative, a hotel room, an evacuation shelter, from a car, etc. The nature of the emergency may further compound this issue, as was the case during the COVID-19 outbreak and the necessity to implement social distancing measures. To address this issue, AB 361 provides relief from the obligation to post meeting agendas at all conference locations.

Although local agencies are relieved from this obligation, local agencies should endeavor to post meeting agendas at all usual locations where it remains feasible to do so.

**Important Note:** *Local agencies must still provide advance notice of public meetings and must still post meeting agendas consistent with the provisions of the Brown Act. AB 361 does nothing to change the fact that meetings must still be noticed and agendized in advance.*

Brown Act Requirement	Requirement under AB 361
If the legislative body of a local agency elects to use teleconferencing, each teleconference location shall be identified in the notice and agenda of the meeting or proceeding, and each teleconference location shall be accessible to the public.	<ul style="list-style-type: none"> <li>Agendas are not required to identify each teleconference location in the meeting notice/agenda</li> <li>Local agencies are not required to make each teleconference location accessible to the public</li> </ul>

Emergencies can – and often do – happen quickly. As was the case with the 2018 Camp Fire, individuals fleeing a disaster area may end up in disparate locations throughout the state. These impromptu, ad hoc locations are not ideal for conducting meetings consistent with the usual



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Brown Act requirements, which may impede local agencies seeking to meet promptly in response to calamity. To that end, AB 361 removes the requirement to document each teleconference location in meeting notices and agendas. Similarly, local agencies are not required to make these teleconference locations accessible to the public.

Brown Act Requirement	Requirement under AB 361
<p>If the legislative body of a local agency elects to use teleconferencing, during the teleconferenced meeting, at least a quorum of the members of the legislative body shall participate from locations within the boundaries of the territory over which the local agency exercises jurisdiction.</p>	<ul style="list-style-type: none"> <li>No requirement to have a quorum of board members participate from within the territorial bounds of the local agency's jurisdiction</li> </ul>

The purpose of AB 361 is to assist local agencies with continuing their critical operations despite facing emergencies that pose a risk to human health and safety – emergencies which oftentimes correspond with advisory or mandatory evacuation orders (e.g., wildfires, earthquakes, gas leaks, etc.). An emergency which drives individuals from an area could make meeting within the bounds of a local agency impossible to do feasibly or safely. Accordingly, AB 361 allows for local agencies to disregard quorum requirements related to members of a legislative body teleconferencing from locations beyond the local agency's territory.

Brown Act Requirement	Requirement under AB 361
<p>If the legislative body of a local agency elects to use teleconferencing, the agenda shall provide an opportunity for members of the public to address the legislative body directly at each teleconference location.</p>	<ul style="list-style-type: none"> <li>In each instance in which notice of the time of the teleconferenced meeting is given or the agenda for the meeting is posted, the legislative body shall also give notice of the manner by which members of the public may access the meeting and offer public comment</li> <li>The agenda shall identify and include an opportunity for all persons to attend via a call-in option or an internet-based service option</li> <li>The legislative body shall allow members of the public to access the meeting, and the agenda shall include an opportunity for members of the public to address the legislative body directly</li> <li>In the event of a disruption which prevents the local agency from broadcasting the meeting to members of the public using the call-in option or internet-based service option, or in the event of a disruption within the local</li> </ul>



## California Special Districts Association

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	<p>agency's control which prevents members of the public from offering public comments using the call-in option or internet-based service option, the legislative body shall take no further action on items appearing on the meeting agenda until public access to the meeting via the call-in option or internet-based service option is restored</p> <ul style="list-style-type: none"> <li>• Written/remote public comment must be accepted until the point at which the public comment period is formally closed; registration/sign-up to provide/be recognized to provide public comment can only be closed when the public comment period is formally closed</li> </ul>
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The right of individuals to attend the public meetings of local agencies and be face-to-face with their elected or appointed public officials is viewed as sacrosanct, only able to be abrogated in the most extraordinary of circumstances. Under normal conditions, local agencies are required to allow members of the public to participate in a public meeting from the very same teleconference locations that other board members are using to attend that meeting.

AB 361 solves the specific problem of what to do in circumstances when local agencies are holding their meetings remotely during an emergency and it would be unsafe to permit access to members of the public to the remote teleconference locations. AB 361 permits local agencies to meet without making teleconference locations available to members of the public, **provided that** members of the public are afforded the opportunity to provide public comment remotely as well.

Importantly, local agencies must ensure that the opportunity for the public to participate in a meeting remains as accessible as possible. This means that local agencies cannot discriminate against members of the public participating either remotely or in-person. In practice, this means:

- Local agencies must clearly advertise the means by which members of the public can observe a public meeting or offer comment during a meeting remotely, via either a call-in or internet-based option

Importantly, local agencies are required to provide the relevant remote access information to members of the public looking to attend a meeting of a local agency legislative body. This information includes, but is not limited to: phone numbers, passwords, URLs, email addresses, etc. Using this information, members of the public must be able to attend the meeting remotely. Any of the information related to participation must be included in the relevant meeting notice(s) and meeting agenda(s). If an agency fails to provide one or more of these key pieces of



## California Special Districts Association

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information in a meeting notice or agenda, the agency should not proceed with the meeting as-is, as it could result in any subsequent action being rendered null or void.

- Agencies whose meetings are interrupted by technological or similar technical disruptions must first resolve those issues before taking any other action(s) on items on the meeting agenda

In a notable departure from the terms of the Governor's orders, AB 361 explicitly requires that local agencies must first resolve any remote meeting disruption before proceeding to take further action on items appearing on a meeting agenda. In the event that a public comment line unexpectedly disconnects, a meeting agenda was sent out with the incorrect web link or dial-in information, the local agency's internet connection is interrupted, or other similar circumstances, a local agency is required to stop the ongoing meeting and work to resolve the issue before continuing with the meeting agenda.

Local agencies should ensure that the public remains able to connect to a meeting and offer public comment by the means previously advertised in the meeting notice or agenda. This may require directing staff to monitor the means by which the public can observe the meeting and offer comment to ensure that everything is operating as intended.

In the event that a meeting disruption within the control of the agency cannot be resolved, a local agency should not take any further action on agenda items; the local agency should end the meeting and address the disruption in the interim, or it may risk having its actions set aside in a legal action.

**Important Note:** *Test, test, test! Local agencies should be testing their remote meeting setup in advance of (and during) every meeting to ensure that there are no apparent issues. Local agency staff should attempt to attend the meeting in the same way(s) made available to members of the public and demonstrate that everything is working as intended. The fact that staff tested the system before and during a meeting and failed to detect any problems may become a key factor in any potential legal action against the agency.*

- Local agencies cannot require that written comments be submitted in advance of a meeting

It is not permissible to require that members of the public looking to provide public comment do so by submitting their comment(s) in advance of a meeting – in fact, not only is this a violation of AB 361's terms, it is also a violation of the Brown Act generally. Both AB 361 and the Brown Act explicitly require that members of the public be given the opportunity to provide public comment **directly** – that is, live and at any point prior to public comment being officially closed during a public meeting. Until such time during a meeting that the chairperson (or other authorized person) calls for a close to the public comment period, members of the public are allowed to submit their public comments directly or indirectly, orally, written, or otherwise.

- Local agencies may only close registration for public comment at the same time the public comment period is closed, and must accept public comment until that point



**California Special Districts Association**

*Districts Stronger Together*

Local agencies cannot require that individuals looking to provide public comment register in advance of a meeting (though agencies may extend the **possibility** of advance registration or commenting as a **non-mandatory** option). Nor may local agencies require that individuals looking to provide public comment register in advance of the agenda item being deliberated by a local agency. Local agencies may only close registration for public comment at the same time that they close the public comment period for all. Until the public comment period is completely closed for all, members of the public must be permitted to register for, and provide, public comment.

Local agencies that agendize a comment period for each agenda item cannot close the public comment period for the agenda item, or the opportunity to register to provide public comment, until that agendized public comment period has elapsed.

Local agencies that do not provide an agendized public comment period but instead take public comment separately on an informal, ad hoc basis on each agenda item must allow a reasonable amount of time per agenda item to allow public members the opportunity to provide public comment, including time for members of the public to register or otherwise be recognized for the purpose of providing public comment.

Local agencies with an agendized general public comment period that does not correspond to a specific agenda item (i.e., one occurring at the start of a meeting, covering all agenda items at once) cannot close the public comment period or the opportunity to register until the general public comment period has elapsed.

<b>Brown Act Requirement</b>	<b>Requirement under AB 361</b>
<p>A member of the public shall not be required, as a condition to attendance at a meeting of a legislative body of a local agency, to register his or her name, to provide other information, to complete a questionnaire, or otherwise to fulfill any condition precedent to his or her attendance.</p> <p>If an attendance list, register, questionnaire, or other similar document is posted at or near the entrance to the room where the meeting is to be held, or is circulated to the persons present during the meeting, it shall state clearly that the signing, registering, or completion of the document is voluntary, and that all persons may attend the meeting regardless of whether a person signs, registers, or completes the document.</p>	<ul style="list-style-type: none"> <li>• An individual desiring to provide public comment through the use of an internet website, or other online platform, not under the control of the local legislative body that requires registration to log in to a teleconference, may be required to register as required by the third-party internet website or online platform to participate</li> </ul>

“Zoom meetings” became ubiquitous during the COVID-19 pandemic – for good reason. The Zoom video teleconferencing software was free (with some “premium” features even made temporarily free to all users), easily deployed, and user-friendly. All one needed was a Zoom



## California Special Districts Association

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account and then they'd be able to make use of the platform's meeting services, hosting and attending various meetings as they pleased.

Unfortunately, the Brown Act has long prohibited the use of mandatory registration or "sign-ups" to attend public meetings or to provide public comment. Privacy and good governance concerns prohibit such information gathering from members of the public seeking to remain anonymous while also engaging with their government. Accordingly, it would normally be a concern to use any teleconference platform which may require participants to register for an account even when it is not the local agency establishing that requirement.

AB 361 resolves this issue by explicitly allowing local agencies to use platforms which, incidental to their use and deployment, may require users to register for an account with that platform so long as the platform is not under the control of the local agency.

**Important Note:** *Just because you "can" doesn't mean you "should." There are products on the market that do not require individuals to sign up for/sign in to an account to participate in a remote meeting. Local agencies are heavily discouraged from contacting their remote meeting platform vendor in an attempt to uncover information about meeting attendees.*

### RESOLUTIONS: ENACTING ASSEMBLY BILL 361

A local agency wishing to rely on the provisions of AB 361 must meet one of the following criteria:

- (A) The local agency is holding a meeting during a proclaimed state of emergency, and state or local officials have imposed or recommended measures to promote social distancing; or
- (B) The local agency is holding a meeting during a proclaimed state of emergency for the purpose of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees; or
- (C) The local agency is holding a meeting during a proclaimed state of emergency and has determined, by majority vote, that, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

These criteria permit a local agency to schedule a remote meeting to determine whether meeting in-person during the state of emergency would pose imminent risk to the health or safety of attendees. At that remote meeting, a local agency may determine by majority vote that sufficient risks exist to the health or safety of attendees as a result of the emergency and pass a resolution to that effect. These criteria also permit a local agency to meet remotely in the event that there is a state of emergency declaration while state or local officials have recommended or required measures to promote social distancing.

If a local agency passes a resolution by majority vote that meeting in-person during the state of emergency would present imminent risks to the health or safety of attendees, the resolution would permit meeting under the provisions of AB 361 for a maximum period of 30 days. After 30



## California Special Districts Association

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days, the local agency would need to renew its resolution, consistent with the requirements of AB 361, if the agency desires to continue meeting under the modified Brown Act requirements, or allow the resolution to lapse.

**Important Note:** Consider referencing [the initial sample resolution linked on this page \(click here\)](#) in crafting your agency's initial resolution effecting the transition to these modified Brown Act requirements. While this sample resolution is provided for the benefit of local agencies, consult your legal counsel to review your agency's resolution before its consideration at a public meeting.

After 30 days, a local agency is required to renew its resolution effecting the transition to the modified Brown Act requirements if it desires to continue meeting under those modified requirements.

Importantly, the ability to renew the resolution is subject to certain requirements and conditions. In order to renew the resolution, a local agency must:

- Reconsider the circumstances of the state of emergency
- Having reconsidered the state of emergency, determine that either
  - The state of emergency continues to directly impact the ability of the members to meet safely in person, or
  - State or local officials continue to impose or recommend measures to promote social distancing

AB 361 requires that the renewal of the resolution effecting the transition to the modified Brown Act requirements must be based on findings that the state of emergency declaration remains active, the local agency has thoughtfully reconsidered the circumstances of the state of emergency, and the local agency has either identified A) ongoing, direct impacts to the ability to meet safely in-person or B) active social distancing measures as directed by relevant state or local officials.

**Important Note:** Consider referencing [the subsequent adoption sample resolution linked on this page \(click here\)](#) in crafting your agency's renewal resolution renewing the transition to these modified Brown Act requirements. While this sample resolution is provided for the benefit of local agencies, consult your legal counsel to review your agency's resolution before its consideration at a public meeting.

**Important Note:** If your agency does not meet again before the 30 day period during which the resolution remains active, the resolution will lapse for lack of action by the agency. After a resolution has lapsed, if the agency seeks to meet remotely again under the modified Brown Act requirements, it must pass a new initial resolution effecting the transition to the modified Brown Act requirements, subject to the same substantive and procedural requirements as before.





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Districts Association**

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**AB 361 PROCESS: AN EXECUTIVE SUMMARY**

1. An emergency situation arises. The specific nature of the emergency produces an imminent risk to public health and safety.
2. A state of emergency is declared (pursuant to CA GOVT § 8625).
3. A local agency wishes to meet remotely via teleconferencing as a result of the emergency. A meeting notice/agenda are produced and posted, with an agenda item dedicated to consideration of a resolution to transition to teleconferenced meetings consistent with the terms of CA GOVT § 54953, subdivision (e). For this meeting, the modified Brown Act requirements apply (e.g., meeting notices/agendas do not need to be posted at all teleconference locations).
4. A resolution is passed consistent with the terms of CA GOVT § 54953, subdivision (e), paragraph (1), subparagraph (B) (i.e., a resolution passed by majority vote determining that meeting in person would present imminent risks to the health or safety of attendees).<sup>1</sup> This resolution is valid for 30 days.
5. 30 days later: if the state of emergency remains active, a local agency may act to renew its resolution effecting the transition to teleconferenced meetings by passing another resolution, consistent with the terms of CA GOVT § 54953, subdivision (e), paragraph (3) (i.e., a resolution which includes findings that legislative body has both 1) reconsidered the circumstances of the state of emergency, and 2) the state of emergency continues to directly impact the ability of the members to meet safely in person.<sup>2</sup>

<sup>1</sup> Alternatively, in lieu of a resolution finding that meeting in person would present imminent risks to the health or safety of attendees, a local agency may use modified Brown Act procedures when state/local officials recommend/require measures to promote social distancing.

<sup>2</sup> Should state/local officials continue to impose or recommend measures to promote social distancing, this may instead be used as a basis for renewing a resolution (as opposed to the fact that the state of emergency continues to directly impact the ability of the members to meet safely in person).

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## BEACON® Advanced Metering Analytics

With ORION® Network as a Service (NaaS)

### OVERVIEW

The BEACON® Advanced Metering Analytics (AMA) Solution with ORION® Network as a Service (NaaS) presents a simple, yet powerful solution to bring a new level of utility optimizing information to light.

The solution combines our intuitive BEACON AMA Software as a Service (SaaS) with a NaaS approach using proven ORION Cellular endpoints to deliver greater visibility and control over utility management.

Built-in infrastructure management services and a system design that keeps you in step with technology advancements, allows you to do what you do best—manage your water utility. Plus, built-in consumer engagement tools help enhance customer service, increase satisfaction and reduce costs.

### SOFTWARE APPLICATIONS

#### BEACON Advanced Metering Analytics (AMA)

With tools beyond meter reading and network management, BEACON AMA software offers targeted Advanced Metering Analytics. BEACON AMA software puts interval meter data to work to increase efficiency in day-to-day utility operations and address demands for actionable intelligence.

- **Problem solver** – User intuitive data tools place the power of water consumption data at your fingertips, allowing you to rapidly respond to customer inquiries and quickly resolve—and even eliminate—many billing issues.
- **Customized design** – A customizable dashboard delivers information configured to user security access level in a format matched to the utility's individual requirements, providing data management integrity, security and control.
- **Works with you** – Integration with utility systems—billing, work order, inventory, Customer Relationship Management (CRM) and Geographic Information Systems (GIS)—streamlines and improves utility operations without disrupting the current utility billing interface file transfer process.
- **Find out fast** – Alert conditions can be set to monitor and notify users of system exceptions, including continuous flow, for faster leak detection.
- **Innovation at your service** – Secure, hosted platform with automatic software upgrades ensures the latest technology and features are always available.

#### EyeOnWater®

The BEACON AMA software suite includes informative consumer outreach tools to improve customer service consisting of the EyeOnWater consumer engagement website, smartphone mobile apps, and email or SMS text alerts, providing easy access to personal consumption data and alerts to potential leaks. With these tools, water consumers are able to view their usage activity, and gain greater understanding and control of what they use and the value you provide.

BEA-DS-00554-EN-10 (August 2020)



### HARDWARE

ORION NaaS is powered by the proven ORION system for interval data capture and two-way communication. The solution employs cellular endpoints which, as they leverage the public cellular network and require no proprietary gateways to operate, dramatically reduce infrastructure requirements compared to a traditional fixed network. This speeds installations and simplifies expansion as a system evolves.

- **High resolution data** – ORION Cellular endpoints are programmed to automatically broadcast 15-minute meter reading and event data to the BEACON software up to four (4) times per day. The high resolution data helps identify potential customer-side leaks and other anomalies in water use, and provides the utility with a potent tool to enhance its customer service.
- **Two-way communication** – BEACON AMA software communicates with ORION Cellular endpoints to accomplish a number of system tasks, including requesting additional information from the endpoint and synchronizing the internal endpoint clock. If needed, the ORION two-way system architecture sends upgrades to the endpoint firmware over the air via the network, utilizing the powerful BEACON AMA software suite.
- **Data integrity** – Each message from the ORION Cellular endpoint is securely transported to the BEACON AMA software only via private network and never over the public internet.

### SECURITY

BEACON AMA is ISO 27001 certified and SOC 2 examined for security, availability and confidentiality.

## TECHNICAL SUPPORT AND TRAINING

Configured for the utility, safe and secure BEACON AMA SaaS provides utilities with regular software updates, long-term support and maintenance. Comprehensive BEACON AMA training courses are available for online or on-site delivery at the time of system deployment. To maintain best practices, a library of online resources and options for group web-based training and support are also available. Once deployed, our technical support specialists can be contacted by phone, email and web to provide ongoing, customer-friendly support. Customized one-on-one training is available (fee applies) to further enhance user expertise.

Additionally, Badger Meter offers extended customized training to further enhance user expertise.

## TECHNICAL REQUIREMENTS

### BEACON AMA

Developed as a hosted software platform, BEACON AMA is a cloud-based application accessed through a standard web browser. Internet access is required. User logins provide secure access.

BEACON AMA supported web browsers include the latest and next previous major releases of Google® Chrome, Microsoft® Edge, Mozilla® Firefox®, Microsoft® Internet Explorer® (IE 11 only); and Apple® Safari®.

### EyeOnWater Consumer Engagement

The EyeOnWater consumer engagement website is a cloud-based application accessed through a standard web browser. Internet access is required. Water consumer user logins provide secure access to their information.

Supported web browsers include the latest and next previous major releases of Google® Chrome, Microsoft® Edge, Mozilla® Firefox®, Microsoft® Internet Explorer® (IE 11 only); and Apple® Safari®.

EyeOnWater smartphone applications require Android 6.0 or iOS 9.1 or later, and can be downloaded from Google Play or the Apple Store.

## SMART WATER IS BADGER METER

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[www.badgermeter.com](http://www.badgermeter.com)



## ORION® Cellular Water Endpoints

### DESCRIPTION

ORION® Cellular water endpoints are innovative, two-way endpoints for smart water applications. The endpoints utilize existing IoT (Internet of Things) cellular infrastructure to efficiently and securely deliver meter reading data to the utility in a Network as a Service (NaaS) approach. Leveraging existing cellular infrastructure, the NaaS solution offers all the performance benefits of AMI, while eliminating network-related maintenance and technology concerns and enhancing deployment flexibility.

Cellular endpoints are members of the time-tested ORION family of products from Badger Meter, designed for maximum flexibility. Since 2002, the ORION product family has provided comprehensive Advanced Metering Analytics (AMA) for interval meter reading and data capture using both one-way and two-way communications.

### FUNCTIONALITY

**Operation:** ORION Cellular water endpoints communicate with the encoder and capture 15-minute interval read data and meter status information. The endpoints then automatically broadcast the information, including endpoint status information, via the cellular network to BEACON® AMA. ORION NaaS is powered by the proven ORION system for interval data capture and two-way communication. The solution employs cellular endpoints which, as they leverage the public cellular network and require no proprietary gateways to operate, dramatically reduce infrastructure requirements compared to a traditional fixed network. This speeds installations and simplifies expansion as a system evolves.

The endpoints are designed to call in four times each workday and feature a configurable schedule that enables utility customers to select call-in times that best support their processes.

**Activation:** ORION Cellular water endpoints are shipped in an inactive, non-transmitting state. The Badger Meter IR Communication Device can be used to activate the endpoints and verify the encoder connection. Successful endpoint function can be confirmed through a web app demonstrating that communication has been verified to both the encoder and the network.

Alternatively, the endpoints offer a Smart Activation feature. After installation, the endpoints begin broadcasting data when the encoder senses the first usage of water. No field programming or special tools are required.

**Broadcast Mode:** ORION Cellular water endpoints broadcast fixed network reading data through the secure cellular network within the service area.

Specific configurations also transmit a radio frequency (RF) message to facilitate troubleshooting in the field. See "[Configurations](#)" on page 2.

**Data Storage:** The endpoints store 42 days of 15-minute data.



ORION Cellular LTE-M endpoint (pictured)

**Output Message:** ORION Cellular water endpoints broadcast a unique serial number, meter reading data, and applicable status indicators. As an advanced data security measure, each message is securely transported to the BEACON AMA software only via private network and never over the public internet.

### APPLICATION

**Configurations:** ORION Cellular water endpoints are multi-purpose endpoints that can be deployed in indoor, outdoor and pit (non-metal pit lid) applications. The electronics and battery assembly are fully encapsulated in epoxy for environmental integrity. The endpoint is available with a connector assembly for ease of installation.

**Meter Compatibility:** When attached to a Badger Meter High Resolution Encoder, the ORION Cellular water endpoint is compatible with all current Badger Meter Recordall® Disc, Turbo Series, Compound Series, Combo Series and Fire Service meters and assemblies, and with E-Series G2® Ultrasonic, E-Series® Ultrasonic, E-Series® Ultrasonic Plus, and ModMAG® electromagnetic flow meters.

**Encoder Compatibility:** The ORION Cellular water endpoint is suitable for use with a Badger Meter High Resolution Encoder as well as the following Badger Meter approved three-wire encoder registers that have a manufacture date within 10 years of the current date as long as the encoder has three wires connected to it and is programmed into the three-wire output mode for AMR/AMI: Honeywell® (Elster) ScanCoder® encoder with Sensus® protocol module and evoQ4 meter (encoder output); Master Meter® Octave® Ultrasonic meter encoder output; Metron-Farnier Hawkeye; Mueller Systems 420 Solid State Register (SSR) LCD; Neptune® ProRead, E-Coder®, ARB-V®, and ProCoder; and Sensus iPerl®.



ORI-DS-02957-EN-07 (August 2021)

## SPECIFICATIONS

<b>Dimensions</b>	5.125 in. (130 mm) (H) 1.75 in. (44 mm) Diameter at top 2.625 in. (W) x 2.875 in. (D) at base (67 mm (W) x 73 mm (D) at base)
<b>Broadcast Network</b>	Primary LTE-M cellular network, NB-IoT (Narrow Band-Internet of Things)  RF message frequency is FCC-regulated 902...928 MHz frequency hopping modulation (for troubleshooting)
<b>Operating Temperature Range</b>	
<ul style="list-style-type: none"> <li>Storage, Meter Reading and RF Message (for troubleshooting)</li> <li>Cellular Communications</li> </ul>	-40...60° C (-40...140° F)  -20...60° C (-4...140° F)
<b>Humidity</b>	0%...100% condensing
<b>Battery</b>	One (1) lithium thionyl chloride D cell (nonreplaceable)

**Construction:** All ORION Cellular water endpoints are housed in an engineered polymer enclosure with an ORION RF board, battery and antenna. For long-term performance, the enclosure is fully potted to withstand harsh environments and to protect the electronics in flooded or submerged pit applications.

**Wire Connections:** ORION Cellular water endpoints are available with in-line connectors (Twist Tight® or Nicor®) for easy installation and connection to compatible encoders/meters. The endpoints are also available with flying leads for field splice connections. Other wire connection configurations may be available upon request.

## FEATURES

<b>License Requirements:</b>	ORION Cellular water endpoints comply with Part 15, Part 22, Part 24, and Part 27 of the FCC Rules. No license is required by the utility to operate an ORION meter reading system. This device complies with Industry Canada license-exempt RSS standard(s).
<b>Transportation:</b>	<b>WARNING:</b> The operation of transmitters and receivers on airlines is strictly prohibited by the Federal Aviation Administration. As such, the shipping of radios and endpoints via air is prohibited. Please follow all Badger Meter return and/or shipping procedures to prevent exposure to liability.
<b>Warning:</b>	To reduce the possibility of electrical fire and shock hazards, never connect the cable from the endpoint to any electrical supply source. The endpoint cable provides SELV low voltage limited energy power to the load and should only be connected to passive elements of a water meter register.
<b>Caution:</b>	Endpoint batteries are <i>not</i> replaceable. Users should make no attempt to replace the batteries. Changes or modifications to the equipment that are not expressly approved by Badger Meter could void the user's authority to operate the equipment.

<b>Smart City Ready</b>	Future-proof technology
<b>Communication Type</b>	Two-way
<b>Application Type</b>	Control/Monitor
<b>Endpoint Communication</b>	Configurable call-in schedule, up to four times each workday
<b>Reading Interval Type</b>	15-minute
<b>Encoder Compatibility</b>	Absolute
<b>Fixed Network Reading</b>	✓
<b>Cut-Wire Indication</b>	✓
<b>Encoder Error</b>	✓
<b>Low Battery Indication</b>	✓
<b>Remote Clock Synchronization</b>	✓
<b>Firmware Upgrades</b>	✓

## CONFIGURATIONS

Endpoint	Notes
ORION Cellular LTE-M	Includes RF and IR messages for troubleshooting
ORION Cellular LTE-MS	Secondary carrier; includes RF and IR messages for troubleshooting
ORION Cellular C	Includes RF and IR messages for troubleshooting
ORION Cellular HLA	Includes IR message for troubleshooting

**NOTE:** For the ORION Cellular LTE-MP endpoint, see the *ORION Cellular LTE-MP Endpoint product data sheet*, available at [www.badgermeter.com](http://www.badgermeter.com).

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## BEACON® Advanced Metering Analytics EyeOnWater® Consumer Engagement



### Direct Water Consumption Data

Gives utility customers direct access to their water consumption data, allowing them to easily view, understand and manage their water usage.

### Improved Customer Service

Improved customer service and reduced calls to the utility.

### Promotes Water Conservation

Promotes changes in behavior related to water conservation.

EyeOnWater® is a consumer engagement application that goes beyond traditional monthly statements to connect utilities and their customers like never before. Available exclusively through BEACON® AMA, EyeOnWater enables utility customers to view and understand their usage profile through easy-to-understand consumption graphs and provides a simple method to establish alerts to better manage their water use.

Literally putting water usage data in the palm of consumers' hands, EyeOnWater mobile apps bring the power of the online portal to your customer's iOS device or Android smartphone.

### Features:

- Secure, cloud-based – ISO 27001 certified and SOC 2 examined for security, availability and confidentiality
- Hourly, daily, monthly, and yearly data and charts
- Temperature and precipitation overlays
- Week-over-week consumption comparisons
- Configurable leak alerts by email or SMS text
- Web-based consumer portal, plus Android and iOS mobile apps

**Better information. Better utility management.  
Clearly Better.**

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[www.badgermeter.com](http://www.badgermeter.com)

The Americas | Badger Meter | 4545 West Brown Deer Rd | PO Box 245036 | Milwaukee, WI 53224-9536 | 800-876-3837 | 414-355-0400  
 México | Badger Meter de las Americas, S.A. de C.V. | Pedro Luis Ogazón N°32 | Esq. Angelina N°24 | Colonia Guadalupe Inn | CP 01050 | México, DF | México | +52-55-5662-0882  
 Europe, Middle East and Africa | Badger Meter Europa GmbH | Nurlinger Str 76 | 72639 Neuffen | Germany | +49-7025-9208-0  
 Europe, Middle East Branch Office | Badger Meter Europe | PO Box 341442 | Dubai Silicon Oasis, Head Quarter Building, Wing C, Office #C209 | Dubai / UAE | +971-4-371 2503  
 Czech Republic | Badger Meter Czech Republic s.r.o. | Maiikova 2082/26 | 621 00 Brno, Czech Republic | +420-5-41420411  
 Slovakia | Badger Meter Slovakia s.r.o. | Racianska 109/B | 831 02 Bratislava, Slovakia | +421-2-44 63 83 01  
 Asia Pacific | Badger Meter | 80 Marine Parade Rd | 21-06 Parkway Parade | Singapore 449269 | +65-63464836  
 China | Badger Meter | 7-1202 | 99 Hangzhong Road | Minhang District | Shanghai | China 201101 | +86-21-5763 5412



**Badger Meter**

## HR-E High Resolution Encoder

### DESCRIPTION

**Applications:** The High Resolution Encoder (HR-E) is designed for use with all current Recordall® Disc, Turbo, Compound, Combo and Fire Series meters and assemblies. The HR-E provides connectivity with Badger Meter ORION® and GALAXY® AMR/AMI endpoints, BadgerTouch® modules and other AMR/AMI technology solutions approved by Badger Meter.

**Electronic Resolution:** Encoder output from the HR-E includes eight-dial resolution to AMR/AMI endpoints and the option of four, five, six, seven or eight-dial resolution for touch applications. Refer to tables on the next page for details.

**Mounting:** The HR-E in its shroud assembly uses a bayonet mount compatible with all Recordall Disc, Turbo, Compound and Fire Series meters and assemblies. The bayonet mount allows positioning of the register in any of four orientations for visual reading convenience. The HR-E can be removed from the meter without disrupting water service.

**Magnetic Drive:** A direct-drive, high-strength magnetic coupling, through the meter body to the wetted magnet, provides reliable and dependable register coupling.

**Local Indication:** The HR-E face features an eight-dial mechanical odometer wheel stack and a flow finder with a calibrated test circle.

**Tamper-Resistant Features:** Unauthorized removal of the HR-E is inhibited by the option of a tamper detection seal wire screw, tamper-resistant TORX® seal screw, or the proprietary tamper-resistant keyed seal screw. Each can be installed at the meter site or at the factory.

**Construction:** The housing of the HR-E is constructed of a strengthened glass lens top and a corrosion-resistant metal bottom. Internal construction materials are thermoplastic for long life and high reliability. The encoder gearing is self-lubricating thermoplastic to minimize friction and provide long, reliable life. The shroud assembly is thermoplastic.

**Temperature:** The operating range of the HR-E is  $-40 \dots 140^\circ\text{F}$  ( $-40 \dots 60^\circ\text{C}$ ). The water meter should not be subjected to temperatures below freezing.

**Sealing:** The HR-E encoder is permanently sealed to eliminate the intrusion of moisture, dirt or other contaminants. The HR-E achieves true water resistance due to the unique adhesive technology used to seal the glass dome to the corrosion-resistant metal bottom. Due to this sealing process, the HR-E exceeds all applicable requirements of AWWA Standard C707. With leak rates less than  $10^{-6}$  cc/sec, as tested by a helium mass spectrometer, the HR-E is suitable for installation in all environments, including meter pits subject to continuous submergence.

**Electrical:** The electronic circuitry is designed to provide immunity to electrical surges and transients per IEC1000-4-2, IEC1000-4-4. Operation of the HR-E is dependent on the wire length limitations of connected AMR/AMI equipment.



### SPECIFICATIONS

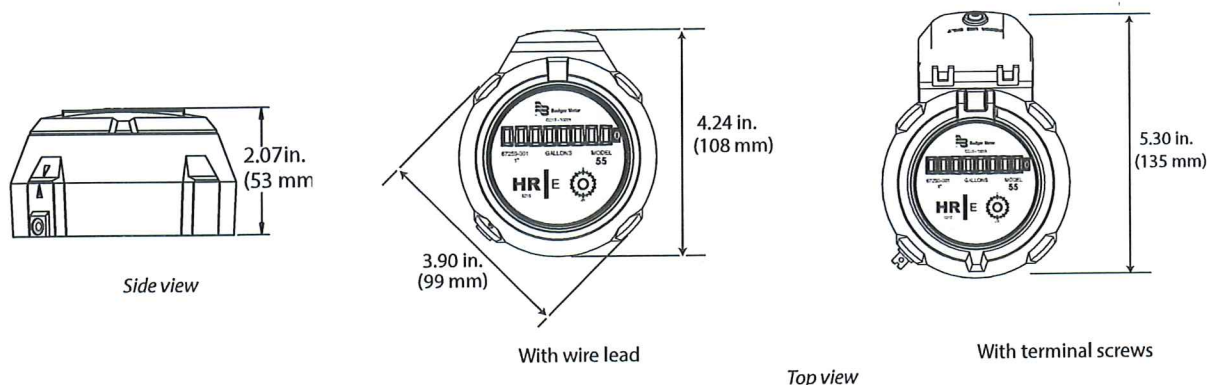
<b>Encoder Type</b>	Straight reading, permanently sealed, magnetic drive
<b>Unit of Measure</b>	U.S. Gallons, Cubic Feet, Cubic Meters, clearly identified on encoder face
<b>Number Wheels</b>	Eight with 5/32 inch high numerals
<b>Test Circle</b>	360° circle with ten major increments, ten divisions each
<b>Weight</b>	10 ounces
<b>Humidity</b>	0...100% condensing when equipped with potted lead wire, 0...95% non-condensing with screw-terminal wire connections
<b>Temperature</b>	$-40 \dots 140^\circ\text{F}$ ( $-40 \dots 60^\circ\text{C}$ )
<b>Signal Output</b>	Industry Standard ASCII Format
<b>Visual Resolution</b>	1/100th of Test Circle
<b>Electronic Resolution</b>	8-dial resolution for AMR/AMI; 4, 5, 6, 7 or 8-dial resolution for BadgerTouch
<b>Signal Type</b>	3-wire synchronous for AMR/AMI solutions (red=clock/power, black=ground, green=data) 2-wire asynchronous for Touch solutions
<b>Power Source</b>	External

**Operating Characteristics:** The reading obtained by an AMR/AMI device is sensed directly from the position of the encoder's odometer using internal LED light paths to determine the exact position of each number wheel. This technology eliminates electromechanical contacts that could wear out, and provides greater long-term performance.

**Wire Connections:** The HR-E is available with an in-line connector for easy connection and installation to AMR/AMI endpoints. It is also available with a flying lead for a field splice connection or fully prewired to an AMR/AMI endpoint. A terminal screw version of the HR-E is also available. This version features a tamper-resistant cap over the three-wire terminals. The HR-E with terminal screws is designed for indoor installations in protected environments such as residential basements.



## DIMENSIONAL DRAWINGS



## MEASUREMENT RESOLUTION

The minimum electronic resolution of the HR-E is as noted below (8-Dial Reading). To verify the correct resolution for your application, contact Badger Meter Customer Service.

Recordall Disc Series	Size (in.)	8-Dial Resolution (gal)	8-Dial Resolution (ft <sup>3</sup> )	8-Dial Resolution (m <sup>3</sup> )
M25/MLP	5/8	0.1	0.01	0.001
M25/MLP	3/4	0.1	0.01	0.001
M35	3/4	0.1	0.01	0.001
M40	1	0.1	0.01	0.001
M55	1	0.1	0.01	0.001
M70	1	0.1	0.01	0.001
M120	1-1/2	1	0.1	0.01
M170	2	1	0.1	0.01

Fire Service Series	8-Dial Resolution (gal)	8-Dial Resolution (ft <sup>3</sup> )	8-Dial Resolution (m <sup>3</sup> )
3 in.	1	0.1	0.01
4 in.	1	0.1	0.01
6 in.	10	1	0.1
8 in.	10	1	0.1
10 in.	10	1	0.1

Recordall Turbo Series	Size (in.)	8-Dial Resolution (gal)	8-Dial Resolution (ft <sup>3</sup> )	8-Dial Resolution (m <sup>3</sup> )
T160	1-1/2	1	0.1	0.01
T200	2	1	0.1	0.01
T450	3	1	0.1	0.01
T1000	4	1	0.1	0.01
T2000	6	10	1	0.1
T3500	8	10	1	0.1
T5500	10	10	1	0.1
T6200	12	100	10	0.1
T6600	16	100	10	1
T10000	20	100	100	1

Recordall Compound Series	Size (in.)	8-Dial Resolution (gal)	8-Dial Resolution (ft <sup>3</sup> )	8-Dial Resolution (m <sup>3</sup> )
High Side T200	2	1	0.1	0.01
Low Side M25	2	0.1	0.01	0.001
High Side T450	3	1	0.1	0.01
Low Side M25	3	0.1	0.01	0.001
High Side T1000	4	1	0.1	0.01
Low Side M35	4	0.1	0.01	0.001
High Side T2000	6	10	1	0.1
Low Side M35	6	0.1	0.01	0.001

Resolution stated as individual high and low readings.

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The Americas | Badger Meter | 4545 West Brown Deer Rd | PO Box 245036 | Milwaukee, WI 53224-9536 | 800-876-3837 | 414-355-0400  
 México | Badger Meter de las Americas, S.A. de C.V. | Pedro Luis Ogazón N°32 | Esq. Angelina N°24 | Colonia Guadalupe Inn | CP 01050 | México, DF | México | +52-55-5662-0882  
 Europe, Eastern Europe Branch Office (for Poland, Latvia, Lithuania, Estonia, Ukraine, Belarus) | Badger Meter Europe | ul. Korfanego 6 | 44-193 Knurów | Poland | +48-32-236-8787  
 Europe, Middle East and Africa | Badger Meter Europa GmbH | Nürtinger Str 76 | 72639 Neuffen | Germany | +49-7025-9208-0  
 Europe, Middle East Branch Office | Badger Meter Europe | PO Box 341442 | Dubai Silicon Oasis, Head Quarter Building, Wing C, Office #C209 | Dubai / UAE | +971-4-371 2503  
 Slovakia | Badger Meter Slovakia s.r.o. | Racianska 109/B | 831 02 Bratislava, Slovakia | +421-2-44 63 83 01  
 Asia Pacific | Badger Meter | 80 Marine Parade Rd | 21-06 Parkway Parade | Singapore 449269 | +65-63464836  
 China | Badger Meter | 7-1202 | 99 Hangzhong Road | Minhang District | Shanghai | China 201101 | +86-21-5763 5412  
 Switzerland | Badger Meter Swiss AG | Mittelholzerstrasse 8 | 3006 Bern | Switzerland | +41-31-932.01 11



## Badger Meter HR-E® LCD Encoder

### DESCRIPTION

**Applications:** The High Resolution encoder (HR-E LCD) is a fully electronic, solid-state encoder with no moving parts. It is designed for use with all current Badger Meter Recordall® Disc, Turbo Series, Compound Series, Combo Series and Fire Service meters and assemblies. The HR-E LCD provides connectivity with Badger Meter ORION® and GALAXY® AMR/AMI endpoints and other AMR/AMI technology solutions approved by Badger Meter.

**NOTE:** For more detailed information, refer to the document *HR-E LCD Encoder User Manual*, available at [www.badgermeter.com](http://www.badgermeter.com).

**Field Programmable:** The HR-E LCD encoder comes standard as factory programmed to customer specifications, with the option for field programming the unit of measure, meter type, meter model, digit resolution from the encoder, billing units, and rate-of-flow time and units. Programming is performed through the IR port via a computer.

**Electronic Resolution:** Standard encoded output from the HR-E LCD is nine digits.

**Status Indicators:** Status indicators are sent as part of the encoder extended message to AMR/AMI systems such as ORION Cellular, Fixed Network and Migratable endpoints that are capable of receiving an extended message. The details can also be read through an IR interface.

**Mounting:** Icons on the HR-E LCD encoder face indicate encoder status and alarm conditions. The fully potted encoder assembly has a bayonet mount compatible with all Recordall Disc, Turbo Series, Compound Series, Combo Series and Fire Series meters and assemblies. The bayonet mount positions the encoder in any of four orientations for visual reading convenience. The HR-E LCD encoder can be removed from the meter without disrupting water service.

**Magnetic Drive Communication:** The HR-E LCD encoder detects movement of the wet side meter magnet with magnetic sensors to provide reliable and dependable encoded communication.

**Tamper-resistant Features:** Unauthorized removal of the HR-E LCD encoder is inhibited by a tamper-resistant Torx seal screw. Torx seal screws are provided as standard accessories. Optional proprietary tamper-proof screws are also available.

Magnetic sensors detect and report an attempted encoder removal. In addition, the HR-E LCD encoder is resistant to magnetic tampering. The encoder detects an attempted tamper—as well as encoder removal—and sends a tamper alarm in either situation. Approved endpoints capable of receiving the alarms, such as ORION Cellular, Fixed Network and Migratable endpoints, can then report the tamper condition to the meter reading software.



### SPECIFICATIONS

<b>Encoder type</b>	Straight reading, permanently sealed, electronic LCD absolute encoder with field-programmable option
<b>Encoder display</b>	Status indicators, unit of measure, billing units, automatic toggle between 9-digit and 6-digit consumption (segmented leak detector in this mode), rate of flow, meter model
<b>Unit of measure</b>	U.S. gallons, Imperial gallons, cubic feet, cubic meters, and liters clearly identified on register face
<b>Flow rate</b>	Seconds, minutes, and hours
<b>Numerals</b>	7 mm (0.28 in.) high
<b>Weight</b>	11 ounces
<b>Humidity</b>	0...100% condensing
<b>Temperature</b>	Storage: -40...60° C (-40...140° F) Max. ambient for 1 hr: 70° C (158° F) Electronics & Display: -10...60° C (14...140° F)
<b>Status indicators</b>	Electronic and visual icons for: meter functioning correctly, meter alarm (indicates temperature limits exceeded, magnetic tamper or encoder removal), reverse flow, suspected leak, 30-day no usage, end of battery life
<b>Signal output</b>	Industry standard ASCII format
<b>Signal type</b>	Three-wire synchronous for AMR/AMI solutions Red = clock/power; Black = ground; Green = data
<b>Battery</b>	Lithium thionyl chloride AA cell, fully encapsulated within encoder housing
<b>Battery Life</b>	20 years (calculated)

## HR-E® LCD Encoder

**Construction:** The housing of the HR-E LCD encoder is constructed of an engineered polymer enclosure and a polycarbonate lens. For long-term performance, the enclosure is fully encapsulated, weatherproof, and UV-resistant to withstand harsh environments and to protect the electronics in flooded or submerged pit applications. An epoxy potting (patent pending) comprises the encoder bottom. Due to this unique sealing, the HR-E LCD exceeds all applicable requirements of AWWA Standard C706 and C707.

**Wire Connections:** The HR-E LCD encoder is available with an in-line connector for easy connection and installation to AMR/AMI endpoints. It is also available with a flying lead for a field splice connection, or fully prewired to an AMR/AMI endpoint.

**Operating Characteristics:** The HR-E LCD encoder is shipped in storage mode so a meter status alarm is not triggered. In storage mode, the meter model screen is displayed. Upon sensing two revolutions of the meter magnet, the encoder goes into normal operation mode. The display then automatically toggles between these four modes:

- 9-digit consumption displays for 45 seconds.
- 6-digit consumption (segmented leak detector in this mode) displays for 5 seconds.
- Rate of flow displays for 5 seconds.
- Meter model displays for 5 seconds.

## DIMENSIONAL DRAWINGS

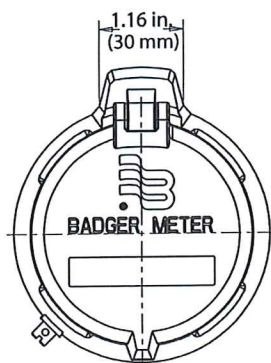


Figure 1: Top view

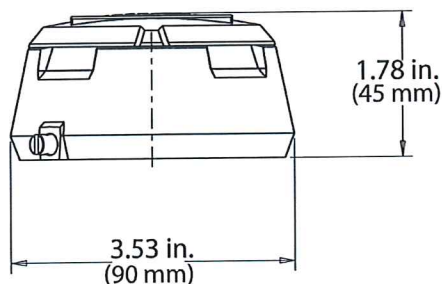


Figure 2: Front view

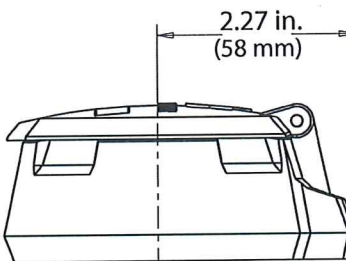


Figure 3: Left side view

## MEASUREMENT RESOLUTION

The electronic encoder output resolution of the HR-E LCD is as noted below.

Recordall Disc Series	Size (in.)	9-dial encoder output (gal)	9-dial encoder output (ft³)	9-dial encoder output (m³)
LP	5/8, 5/8 x 3/4	0.01	0.001	0.0001
M25	5/8, 5/8 x 3/4	0.01	0.001	0.0001
M35	3/4	0.01	0.001	0.0001
M40	1	0.01	0.001	0.0001
M55	1	0.01	0.001	0.0001
M70	1	0.01	0.001	0.0001
M120	1-1/2	0.1	0.01	0.001
M170	2	0.1	0.01	0.001

Recordall Turbo Series	Size (in.)	9-dial encoder output (gal)	9-dial encoder output (ft³)	9-dial encoder output (m³)
T160	1-1/2	0.1	0.01	0.001
T200	2	0.1	0.01	0.001
T450	3	0.1	0.01	0.001
T1000	4	0.1	0.01	0.001
T2000	6	1	0.1	0.01
T3500	8	1	0.1	0.01
T5500	10	1	0.1	0.01
T6200	12	10	1	0.01
T6600	16	10	1	0.01
T10000	20	10	1	0.01

Recordall Compound Series	Size (in.)	9-dial encoder output (gal)	9-dial encoder output (ft³)	9-dial encoder output (m³)
High Side T200	2	0.1	0.01	0.001
Low Side M25	2	0.01	0.001	0.0001
High Side T450	3	0.1	0.01	0.001
Low Side M25	3	0.01	0.001	0.0001
High Side T1000	4	0.1	0.01	0.001
Low side M35	4	0.01	0.001	0.0001
High Side T2000	6	1	0.1	0.01
Low Side M35	6	0.01	0.001	0.0001
High Side T3500	8	1	0.1	0.01
Low side M120	8	0.1	0.01	0.001

**NOTE:** For Fire Service Meters and Assemblies, please refer to appropriate Disc and TSM information provided above.

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## Quotation

940 Riverside Pkwy #30  
West Sacramento, CA 95605  
PHONE: 877-348-0700  
FAX: 707-575-0700

CREATED DATE: September 20, 2021  
QUOTED BY: Kathy Richards  
REQUESTED BY: Ahimsah Wonderwheel  
PHONE: 484-560-9813  
EMAIL: [gm@buckinghamparkwater.us](mailto:gm@buckinghamparkwater.us)

BILL TO: Buckingham Park Water Co.  
2880 Eastlake Dr.  
Kelseyville, CA 95451

SHIP TO: same

Subject to review: 12/30/2021

SALESPERSON	PROPOSAL SUBJECT	SHIPPING TERMS	PAYMENT TERMS
Kathy Richards	ORION Cellular meter reading system	Prepay/No Charge For Shipments > \$35,000 FCA Factory/Warehouse	Net 30 Days

QTY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
	BEACON AMA Cellular Meter Reading Solution		
1	1x Engagement Fee (reflects 25% discount)	\$ 1,875.00	\$ 1,875.00
	This fee includes the setup and activation of the Customer's BEACON AMA online portfolio		
1	Access to cloud based BEACON AMA software Suite	included	
1	EyeOnWater consumer engagement portal and smartphone apps	included	
1820	Network as a Service Subscription fee Service Unit #68886-104	included	
	*455 total meters x 4 months hosting included with purchase		
1	Training - Getting Started with BEACON AMA #69328-201	\$ 1,175.00	\$ 1,175.00
1	#66220-005 Billing Integration (reflects 25% discount)	\$ 1,012.50	\$ 1,012.50
	*for work performed by Badger Meter for interface. Fees charged by a customer's billing vendor are the responsibility of the customer		
455	HR-E or HR-E LCD encoder register, 5' Twist Tight connector, Cable Shield (rodent protection), US Gal, Torx	\$ 72.50	\$ 32,987.50
	*specify meter model # when ordering		
455	ORION HLA Cellular endpoint, 8" Twist Tight connector with Cable Shield, thru lid install kit	\$ 125.00	\$ 56,875.00
	15-minute interval data provided 4x per workday		
<b>SUBTOTAL</b>			\$ 93,925.00
<b>SALES TAX</b>			\$ 6,809.56
<b>FREIGHT</b>			included
<b>TOTAL</b>			\$ 100,734.56
<b>Sales Tax:</b> 7.25% Lake County			
Sales tax charged at rate in effect at time of order, point of delivery			
<b>Est. Lead Time:</b> To be provided at time of order.			
455	Monthly subscription fee - starting month 5		
455	Monthly subscription fee #68886-104	\$ 0.95	\$ 432.25



## Quotation

940 Riverside Pkwy #30  
West Sacramento, CA 95605  
PHONE: 877-348-0700  
FAX: 707-575-0700

**CREATED DATE:** September 20, 2021  
**QUOTED BY:** Kathy Richards  
**REQUESTED BY:** Ahimsah Wonderwheel  
**PHONE:** 484-560-9813  
**EMAIL:** [gm@buckinghamparkwater.us](mailto:gm@buckinghamparkwater.us)

**BILL TO:** Buckingham Park Water Co.  
2880 Eastlake Dr.  
Kelseyville, CA 95451

**SHIP TO:** same

**Subject to review:** 12/30/2021

SALESPERSON	PROPOSAL SUBJECT	SHIPPING TERMS	PAYMENT TERMS
Kathy Richards	ORION Cellular meter reading system	Prepay/No Charge For Shipments > \$35,000 FCA Factory/Warehouse	Net 30 Days

QTY	PRODUCT DESCRIPTION	UNIT PRICE	AMOUNT
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**Notes and Assumptions:**

Badger Meter continues to improve and redesign our products to provide our customers with state-of-the-art technology solutions. Therefore, Badger Meter reserves the right to provide our newest product solutions as an alternative to the proposed products, provided the replacement products meet the following requirements: are substantially similar to and are at least of equal quality and performance to, are in conformance with the requirements in the applicable specifications, meet the actual needs or are otherwise suitable for the intended use, and are priced at an amount that does not exceed the price of the quoted products.

**THANK YOU FOR YOUR BUSINESS!!**

This quotation is an offer, made subject to the terms & conditions found on our website:

[www.badgermeter.com/Company/Legal/Sales-terms.aspx](http://www.badgermeter.com/Company/Legal/Sales-terms.aspx)