

FLORIDA UTILITY SERVICES 1, LLC
5911 TROUBLE CREEK RD.
NEW PORT RICHEY, FL. 34652
863-904-5574

RECEIVED-FPSC
2024 FEB 13 AM 11:11
COMMISSION
CLERK

February 5, 2024

Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL. 32399

Re: Docket No. 20230071-WU - Application for staff-assisted rate case in Polk County by Pinecrest Utilities, LLC.

Dear Commission Clerk:

Following is the company response to Staff's Data Request.

1. Please refer to the Utility's response to Staff's Third Data Request, No. 3(c). Of the two bid proposals provided, please identify the vendor the Utility intends to purchase the mower from. If the least cost vendor is not selected, please explain why.

Company Response- I will get it from Everglades with the bid of \$4,066.

2. Please refer to the Utility's response to Staff's Fifth Data Request, No. 2(a) for the following questions.

- a. In its response, the Utility indicated that "variable flushing actions" are included in its flushing calculations. For each month of the test year, please indicate how often the Utility had to incorporate additional flushing beyond routine flushing. As part of this response, please provide a brief description of each instance that necessitated additional flushing.

Company Response- Unknown. Some necessitated additional flushing would occur after a leak repair, installation of or repair of a customer's meter or other infrastructure repair or replacement.

- b. Please indicate whether or not the Utility has been mandated by the Department of Environmental Protection (DEP) to do additional flushing beyond routine flushing/flushing related to water quality complaints. If so, please identify the source of the mandate (Rule, Order, etc.).

Company Response- None

- c. Please identify other water losses outside of flushing, if any, included in column (d) of the Pumping and Purchased Water Statistics table in the Utility's 2022 Annual Report. If only flushing values were provided, please provide additional justification and/or calculations supporting these values, if any.

Company Response- Loss of water from Leaks.

3. Please refer to the customer comments regarding water color and service interruptions received following issuance of the Staff Report in the instant case for the following questions.

- a. Please explain what actions, if any, the Utility has taken to resolve the water color concerns.

Company response- Technician went out and flushed the line and did not observe any water discoloration at the flushing point. I sent a letter to the customer advising customer PCU is in compliance with Polk County DOH and DEP water quality standards.

- b. Please indicate when the Utility's water will be tested again for compliance with DEP's water quality standards.

Company Response- Since water testing schedules vary, I have enclosed a copy of the complete testing schedule.

4. Pursuant to Rule 25-30.251(1), Florida Administrative Code, each utility is required to maintain a record of all interruptions in service which affect 10 percent or more of its customers. The record is required to show the cause of the interruption, its date, time, duration, remedy, and steps taken to prevent recurrence. Please provide the Utility's records identifying the interruptions that reached this threshold during the test year (January 1, 2022, through December 31, 2022) and four years prior, and indicate whether or not the Commission was notified of each interruption.

Company Response- I have enclosed copies of our leak log and copies of our water plant log book for your review.

On behalf of the utility,

A handwritten signature in blue ink, appearing to read 'Mike Smallridge', with a stylized flourish at the end.

Mike Smallridge

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.

**Ron DeSantis**

Governor

Joseph A. Ladapo, MD, PhD

State Surgeon General

Vision: To be the Healthiest State in the Nation

October 27, 2023

Pinecrest Utilities, LLC
5911 Trouble Creek Road
New Port Richey, FL 34652

RE: Pinecrest Utilities Public Water System
PWS ID No. 6535079

2024 Small Community DRINKING WATER MONITORING REQUIREMENTS

Monitoring & Reports	Due	Comments
Microbiological ("Bacte")	Monthly	Disinfectant residuals must be reported individually and averaged on bacte reports. Compliance for maximum disinfectant residual level is based on a running annual average.
Monthly Operation Reports (MORs)	Monthly	Include information about maintenance and/or abnormal occurrences & CT calcs. If required.
Radiologicals (Ra 226/228)	2024	Sample at each POE
Nitrate and Nitrite	2024	Sample at each POE* every year.
Primary Inorganics	2024	Sample at each POE every three years.
Asbestos Contaminant Id. 1094	2028	Certification of results due every 9 years.
Volatile Organic Contaminants (VOCs)	2024	Sample at each POE every three years
Synthetic Organic Contaminants	2024	Sample at each POE every three years.
Secondary Contaminants	2024	Sample at each POE every three years.
Stage 2 Disinfection Byproducts (DBPs) [Total Trihalomethanes/ Haloacetic Acids (5)]	2024 Triennially 7th Month	Sample at locational site L1 (6061 Citrus Highland). **.*
Lead and Copper (Tap Sampling)	June – September 2024	Test in accordance with the most recently approved sampling plan. System required to follow SMF – Standard Monitoring Framework.
Consumer Confidence Report (CCR) & CCR Certification of Delivery	July 1 & August 10, 2024	Data for CCR can be obtained at http://www.dep.state.fl.us/water/drinkingwater/chemdata.htm
Tank – 5 year Inspection(s)	09/2027	

* POE = Point of entry to the distribution system. Sample at each POE that is representative of each source of water.

** Ensure to report locations as L1, L2, L3 etc. This should be annotated on the lab sheet "Location Code".

*** Ensure to annotate the location address/site identifier in the "Sample Location".

Florida Department of Health in Polk County
ENVIRONMENTAL PUBLIC HEALTH DIVISION

2090 East Clower Street • Bartow, FL 33830-6741
PHONE: 863-519-8330

FloridaHealth.gov



Accredited Health Department
Public Health Accreditation Board

Pinecrest Utilities, LLC – Water interruptions 2022

Line break at 432 Citrus Highlands Dr. E.

February 3, 2022 9:26 AM – PBWN

February 7, 2022 10:52AM – Rescission

Loss of power at water treatment plant

March 16, 2022 9:56 AM – PBWN

March 18, 2022 2:10 PM – Rescission

Line break at 302 Citrus Highlands Dr. E.

July 20, 2022 8:37 AM – PBWN

July 22, 2022 2:07 PM – Rescission

Loss of pressure in the system caused by power outage

August 9, 2022 10:30 AM – PBWN

August 11, 2022 12:46 PM – Rescission

Tank Inspection

September 20, 2022 9:30 AM – PBWN Hydro Tank cleaning

September 21, 2022 11:00 AM – Water shut off again emergency repair

September 26, 2022 12:47 PM – Water shut off again emergency repair

October 5, 2022 6:41 PM – Rescission

Leak at 6091 Citrus Highlands Dr. S.

December 24, 2022 7:19 PM – PBWN

Water off until next day 12/25/2022 1:59 PM

January 5, 2023 1:39 PM - Rescission

Pinecrest Utilities, LLC – Water interruptions 2021

Line break on Jessie Dr & Chapman Dr.

February 24, 2021, 7:13 PM – PBWN

March 1, 2021 2:54 PM – Rescission

Loss of power at water treatment plant

August 20, 2021 7:48 PM – PBWN

August 25, 2021 12:07 PM Rescission

Line break 292 Citrus Highlands Dr. E.

November 26, 2021 8:37 PM – PBWN

December 2, 2021 11:57 AM – Rescission

Pinecrest Utilities, LLC – Water Interruptions 2020

Line break

April 9, 2020, 12:21 PM – PBWN

April 10, 2020, 11:30 AM – Water shut off again to finish repairs.

April 14, 2020 – Rescission

Line break at the treatment plant

May 4, 2020 11:49AM – PBWN

May 11, 2020 – Rescission

Line break at 260 Citrus Highlands Dr.

July 9, 2020, 4:41 PM – PBWN

July 16, 2020 – Rescission

Line break at the treatment plant

October 18, 2020, 7:15 PM – PBWN

October 21, 2020, 3:06 PM – Rescission

Pinecrest Utilities, LLC – Water Interruptions 2019

Line break at wtf caused system to lose pressure

January 25, 2019 – PBWN

January 31, 2019 – Rescission

Line break at 6036 Citrus Highlands

July 30, 2019 – PBWN

August 2, 2019 - Rescission

Pinecrest Utilities, LLC – Water Interruptions 2018

Line break at 6057 Highlands Ct.

May 21, 2018 – PBWN

May 23, 2018 – Rescission

STAPLES®

Record Book

200 numbered pages

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If you are not 100% happy with this Staples® brand product,
just return it anytime. It's that easy.

James Alexander C-547.
John Maynard

Robert Graves 15218

4" well

one 26 - 2475 42
65 GPM

6" well

one 28 2475 42
270 GPM

R

11-6-17	680-0610	39601	0.7-0.4	OK	Th
11-8-17	0800-8112	33634	1.3-0.7	OK	Thyrock
11-10-17	0950-0940	29621	1.5-0.9	OK	
11-13-17	1240-1255	29755	.63-.41	OK	Sample baeti 7/10/40
11-15-17	0810-0830	29789	1.3-.0.8	OK	
11-17-17	1505-1555	29858	0.9-0.4	OK	
11-17-17	1800-1812	29870	1.0-1.0	OK	
11-20-17	0940-0950	29900	1.2-0.8	OK	
11-24-17	0740-0750	30010	0.8-0.5	OK	
11-27-17	1200-610	30080	1.0-0.5	OK	
11-28-17	700-710	30166	1.0-1.0	OK	
12-1-17	0815-0835	30219	0.7-0.3	OK	
12-4-17	1400-1420	30316	1.4-.94	OK	
12-6-17	0715-0735	30358	1.4-1.0	OK	
12-8-17	0740-0750	30400	1.4-.0.7	OK	
12-11-17	0540-070	30493	1.3-1.0	OK	
12-13-17	1510-1520	30527	1.4-1.1	OK	
12-15-17	1450-1500	30605	2.0-1.5	OK	
12-18-17	1800-1826	30660	1.0-1.8	OK	
12-20-17	0720-0730	30708	2.1-1.4	OK	
12-22-17	0845-0850	30770	1.0-0.9	OK	
12-27-17	0800-0830	30910	1.6-1.0	OK	
12-27-17	0930-1000	30926	1.0-0.7	OK	
1-2-18	1130-1130	31078	1.4-1.0	OK	
1-4-18	1430-1430	31106	0.9-0.5	OK	
1-6-18	1850-1900	31156	1.5-0.9	OK	
1-8-18	0600-610	31201	1.1-0.6	OK	
1-10-18	0930-0940	31251	1.0-0.7	OK	
1-12-18	1000-1010	31293	1.1-0.7	OK	
1-15-18	0600-610	31340	1.1-0.6	OK	

Simple baeti

PC

1-22-18	Flushed system & tank	1000 gals	OK	
1-25-18	1535-1545	31572	3.4-2.1	OK
1-27-18	0835-0845	31601	3.9-3.0	OK
1-30-18	0910-0920	31682	2.1-1.7	OK
2-1-18	1515-1525	31722	1.5-1.2	OK
2-3-18	0900-0910	31762	1.8-0.9	OK
2-5-18	0300-0310	31802	1.8-1.0	OK
2-7-18	0800-0810	31848	1.7-1.2	OK
2-10-18	0830-0835	31940	1.4-0.9	OK
2-12-18	0700-0710	31960	1.7-0.9	OK
2-14-18	0930-0935	32007	1.6-0.9	OK
2-16-18	0830-0840	32060	1.9-1.0	OK
2-20-18	1230-1240	32177	2.1-1.8	OK
2-22-18	0930-0940	32229	2.0-1.6	OK
2-24-18	1450-1500	32268	1.6-1.0	OK
2-26-18	1300-1310	32310	1.5-1.0	OK
2-28-18	0830-0835	32375	1.4-1.0	OK
3-2-18	0915-0925	32430	1.4-1.0	OK
3-5-18	0830-0840	32445	1.5-0.9	OK
3-6-18	1315-1325	32528	1.2-0.8	OK
3-7-18	0900-0905	32548	1.1-0.7	OK
3-12-18	0830-0835	32638	1.5-0.9	OK
3-14-18	1230-1235	32741	1.2-0.8	OK
3-16-18	1150-1205	32786	0.9-0.3	OK
3-20-18	1730-1740	32845	1.0-0.3	OK
3-23-18	1410-1420	33013	1.2-0.9	OK
3-26-18	Cleaned injection port, Run generator flushed system 100 gals & tank 50 gals			OK
3-26-18	1530-1600	33161-1.7-0.9		OK

Sample Date

15% Flush system 1.2-0.6

4-4-18 1100 1110 33379 1.2-1.0 *Mullins*

4-6-18 0810 820 33432 1.0 0.5 *Sh*

4-9-18 0919-0925 33537 1.2 0.8 *Sh*

4-11-18 1200 1210 33599 1.0 0.7 *Sh*

4-13-18 0640 650 33652 0.4 1.5 *Sh*

4-13-18 Cleaned chloring injection point, added
air to tank, run generator 30 min.
Flushed System & Tank *JR*

4-16-18 0938-540 33763 0.6 1.8 *Sh*

4-16-18 Flushed system 500 gals Lut stress *JR*

4-18-18 1140 1150 33826 1.0 1.5 *Sh*

4-20-18 1115 1125 33891 0.2 0.2 *Sh*

4-23-18 0800 810 34000 1.0 1.7 *Sh*

4-25-18 0600 610 34051 0.6 0.9 *Sh*

4-27-18 710-720 34123 0.3 1.5 *Sh*

4-30-18 750 800 34231 0.4 1.0 *Sh*

5-2-18 0730 740 34310 0.5 1.0 *Sh*

5-4-18 1320 1330 34350 1.0 0.5 *Sh*

5-7-18 850 860 34467 0.4 1.5 *Sh*

5-9-18 1600 1610 34547 1.0 0.7 *Sh*

5-11-18 620-630 34638 0.4 1.0 *Sh*

5-14-18 0700 710 34717 0.3 1.2 *Sh*

5-16-18 1612 1622 34780 1.0 0.5 *Sh*

5-18-18 1900 1910 34847 0.5 1.0 *Sh*

5-21-18 0710 720 35050 1.0 0.7 *Sh*

5-22-18 0930 0950 35053 0.4 1.86 *Sh*

5-23-18 800-810 35000 0.2 1.8 *Sh*

5-25-18 8:45-9:00 35148 0.2 1.9 *Sh*

5-29-18 Run generator with a load for 1 hour *JR*

Back Samples for Clearance

6-1-18 8:40-8:50 35375 1.0 .84

Sooty B

6-4-18 9:45-9:55 35489 1.0 .07

All ops new Sooty B

6-5-18 7:40-7:50 35489 1.1 .7

Sooty B

6-6-18 10:05-10:10 35598 1.2 .07

Sooty B

6-8-18 6:00-7:10, 35630 0.4 1.7 Shrike

6-10-18 1840 1850 35760 1.0 1.3 Shrike

6-13-18 1440 1500 35822 .41 .20 Shrike

6-15-18 9:30-9:40 35884 .43 .20

6-18-18 1130 1130 36001 0.4 1.5 Shrike

6-20-18 0115-0135 36073 0.6 1.4 Shrike

6-22-18 1550-1600 36171 0.4 1.2 Shrike

6-25-18 1710 1730 36357 0.5 1.3 Shrike

36359

6-27-18 12:00-12:30 36359 1.0 1.7 Shrike

6-29-18 7:45-8:00 36402 1.0 1.3 Shrike

7:11:17

PC 1

7-4-18	10:45-11:00	36679	1.7	1.0	Sooty
7-6-18	9:30-9:30	36718	1.4	.40	Sooty
7-11-18	10:30-10:48	36926	1.7	.50	Sooty
7-13-18	1600-16:10		1.0	1.0	Ch
7-15-18	9:50-10:00	37140	0.4	1.5	Ch
7-16-18	7:50-18:00	37164	1.3	1.0	Ch
7-18-18	18:00-18:10	37070	0.4	1.4	Ch
7-20-18	18:42-08:30	37350	0.5	1.3	Ch
7-23-18	18:50-11:00	37418	0.3	1.2	Ch
7-25-18	16:30-16:40	37580	0.4	1.5	Ch
7-27-18	08:50-09:00	37650	0.3	1.5	Ch
7-28-18	14:20-14:30	37890	0.5	1.2	Ch
8-2-18	19:15-19:25	37905	0.8	1.1	Ch
8-4-18	09:00-09:10	38030	1.0	1.5	Ch
8-6-18	14:55-15:05	38130	0.6	1.3	Ch
8-8-18	07:00-07:10	38205	0.4	1.4	Ch
8-10-18	15:30-15:40	38385	0.7	1.4	Ch
8-13-18	13:30-13:40	38396	1.0	1.5	Ch
8-15-18	18:00-18:10	38	0.5	0.1	Ch
8-20-18	09:50-09:00	38615	0.5	1.5	Ch
8-22-18	16:00-17:10	38650	0.8	0.6	Ch
8-24-18	09:05-09:15	38750	1.0	0.5	Ch
8-29-18	11:20-11:30	38795	1.0	1.0	Ch
8-29-18	09:00-09:10	38850	0.7	0.4	Ch
8-31-18	08:15-08:22	39005	0.5	3.0	Ch
9-4-18	08:00-08:10	39031	0.6	1.5	Ch
7-6-18	08:00-08:30	39360	0.7	1.5	Ch
7-8-18	11:00-11:10	39410	0.8	1.3	Ch
7-10-18	09:00-09:10	39530	0.5	1.2	Ch
7-12-18	09:55-10:05	39608	0.6	1.1	Ch

PC 2

09-21-18 0855-0905 80010 0.7 1.2 *OK*
 9-24-18 1025-1035 40169 0.5 1.1 *OK*
 9-26-18 1000-1010 40272 0.8 1.4 *OK*
 9-28-18 40366 0.7-0.7 *OK* 0850 3000
 10-1-18 40523 0.5 1.3 *OK* 0830 730
 10-3-18 40626 0.7 1.4 *OK* 0830 0910
 10-5-18 40700 0.5 1.3 *OK* 0830 085-
 10-8-18 40831 0.6 1.3 *OK* 0800-0910
 10-9-18 Run generator for hour under load
 flushed system + added air to tank *OK*
 10-10-18 40920 0.8 1.5 *OK* 0810 0820-0830
 10-12-18 41030 1.2-0.7 *OK* 1030 1040
 10-15-18 41152 1.0-0.7 *OK* 950 1000
 10-17-18 41255 0.9 1.2 *OK* 0915-0925
 10-19-18 41339 0.7 1.0 *OK* 0910-0920
 10-22-18 41488 1.0 1.1 *OK* 0920-0930
 10-24-18 41580 0.9 1.2 *OK* 0935-0945
 10-26-18 41674 0.8 1.4 *OK* 0850-0900
 10-29-18 41792 0.7 1.2 *OK* 0830 850
 11-1-18 41935 0.9 1.3 *OK* 1525-1535
 11-2-18 41967 0.7 1.3 *OK* 0850-0900
 11-5-18 42106 0.9 1.2 *OK* 0855-1005
 11-7-18 42289 0.5 1.5 *OK* 0900 700
 11-9-18 42383 0.4 1.3 *OK* 1100-1110
 11-12-18 42447 1.0 1.4 *OK* 0930 530
 11-14-18 42530 1.0 1.5 *OK* 1120 1110
 11-16-18 426 0.7 1.6 *OK* 1500 1500
 11-18-18 42730 0.8 1.5 *OK* 0805-810
 11-21-18 42811 0.6 1.4 *OK* 0730 730
 11-24-18 42915 0.4 1.2 *OK* 0900 750

the first

11-30-18 43414 0.8-1.5 ~~Dr. Chaudhury~~ 900 910
 0.5-18 43564 0.6-1.4 ~~Dr. Chaudhury~~ 570-730
 12-5-18 13668 0.9-1.5 ~~Dr. Chaudhury~~ 570-710
 12-7-18 43752 0.5-1.4 ~~Dr. Chaudhury~~ 1830-1830
 12-10-18 43940 1.0-1.4 ~~Dr. Chaudhury~~ 6730-730
 12-12-18 44140 0.7-1.3 ~~Dr. Chaudhury~~ 1100 1110
 12-14-18 44167 0.7-1.5 ~~Dr. Chaudhury~~ 9800-810
 12-17-18 44359 0.6-1.4 ~~Dr. Chaudhury~~ 1115-1125
 12-17-18 flushed system cleaned injection added air
 run generator for 1 hour under load.

12-25-18 44457 0.7-1.5 ~~Dr. Chaudhury~~ 6700-710
 12-21-18 44454 0.6-1.3 ~~Dr. Chaudhury~~ 6730 700
 12-24-18 44630 0.5-1.2 ~~Dr. Chaudhury~~ 1840-1850
 12-26-18 44650 0.5-1.0 ~~Dr. Chaudhury~~ 1730 1800
 12-28-18 44710 0.6-1.3 ~~Dr. Chaudhury~~ 1630 630
 12-31-18 44775 0.7-1.4 ~~Dr. Chaudhury~~ 1730 1730
 1-2-19 44922 1.0-1.4 ~~Dr. Chaudhury~~ 850-810
 1-5-19 45021 1.0-1.4 ~~Dr. Chaudhury~~ 850 500
 1-7-19 45100 0.8-0.3 ~~Dr. Chaudhury~~ 9900-500
 1-9-19 45170 0.5-1.0 ~~Dr. Chaudhury~~ 8300-830
 1-11-19 45241 1.0-1.4 ~~Dr. Chaudhury~~ 8700 710
 1-14-19 45350 0.6-1.0 ~~Dr. Chaudhury~~ 8700-710
 1-16-19 45420 0.8-1.4 ~~Dr. Chaudhury~~ 1800 1830
 1-18-19 45505 0.8-1.4 ~~Dr. Chaudhury~~ 8705-710
 1-21-19 45635 0.9-1.3 ~~Dr. Chaudhury~~ 8715-725
 1-23-19 45780 1.0-0.7 ~~Dr. Chaudhury~~ 800 51
 1-25-19 45934 - - ~~Dr. Chaudhury~~ 1180 1110

1-28-19 45864 0.7-1.4 ~~Dr. Chaudhury~~ 1630 170

Motor off 4" line between flow
 #1 well blow apart.

Pine Crest

2-6-19	46180	0.7	1.5	Sh. Ground	900	910
2-8-19	46314	0.7	1.4	Sh. Ground	1815	1835
2-11-19	46323	0.8	1.5	Sh. Ground	1330	1340
2-13-19	46375	0.7	1.4	Sh. Ground	1520	1575
2-15-19	46434	0.7	1.5	Sh. Ground	1600	1610
2-18-19	46530	1.0	1.3	Sh. Ground	1855	1300
2-20-19	46599	0.7	1.5	Sh. Ground	0730	740
2-23-19	46653	0.8	1.3	Sh. Ground	1000	1010
2-25-19	46700	0.5	1.4	Sh. Ground	1040	1050
2-27-19	46840	0.5	1.5	Sh. Ground	1412	1702
2-1-19	46501	0.7	1.4	Sh. Ground	1300	1370
2-4-19	47005	0.6	1.3	Sh. Ground	1015	1030
2-6-19	47059	0.7	1.3	Sh. Ground	1230	163
2-8-19	47135	0.6	1.4	Sh. Ground	0805	815
2-11-19	47207	0.8	1.3	Sh. Ground	1650	1705
2-13-19	47289	0.8	1.3	Sh. Ground	1000	1030
2-15-19	47350	0.7	1.5	Sh. Ground	1500	1600
2-18-19	47470	0.8	1.5	Sh. Ground	1000	1030
2-20-19	47530	0.6	1.5	Sh. Ground	1000	1030
2-22-19	47530	0.5	1.4	Sh. Ground	0740	0750
2-26-19	47743	0.4	1.3	Sh. Ground	1450	1500
2-28-19	47815	0.5	1.4	Sh. Ground	1500	1510
2-30-19	47850	0.6	1.4	Sh. Ground	1412	1425
2-1-19	47957	0.8	1.3	Sh. Ground	1200	1110
2-3-19	48010	0.8	1.4	Sh. Ground	1630	1640
2-6-19	48134	1.0	1.3	Sh. Ground	730	740
2-8-19	48205	1.0	1.4	Sh. Ground	940	950
2-10-19	48275	1.0	1.5	Sh. Ground	940	950
2-13-19	48331	1.0	1.6	Sh. Ground	0800	0830
2-15-19	48460	0.7	1.3	Sh. Ground	1185	1125
2-18-19	48500	0.8	1.5	Sh. Ground	1185	1125

Sampled Box-T

D.C.

4-24-15
4-25-15

488772 0.6 1.4 *Run Generator under load for 1 hr*
 Flashed Tank & System *OK*

0730-730

4-26-15	48942	0.7-1.5	<i>Run Generator</i>	750 82
4-29-15	49080	0.6 1.5	<i>Run Generator</i>	750-822
5-1-15	49174	0.7 1.4	<i>Run Generator</i>	1530 1540
5-4-15	49375	0.6 1.3	<i>Run Generator</i>	1330 133
5-6-15	49335	0.7 1.4	<i>Run Generator</i>	1650 172
5-8-15	49433	0.7 1.3	<i>Run Generator</i>	2000 202
5-10-15	49535	1.0 1.4	<i>Run Generator</i>	915-932
5-13-15	49662	0.4 1.0	<i>Run Generator</i>	1030 1040
5-15-15	49740	0.5 1.2	<i>Run Generator</i>	1730 175
5-17-15	49841	0.5 1.4	<i>Run Generator</i>	0735 745
5-20-15	50050	0.7 1.5	<i>Run Generator</i>	1010 1025
5-22-15	50121	0.8 1.5	<i>Run Generator</i>	1510 1520
5-24-15	50217	0.7 1.4	<i>Run Generator</i>	0945-0955
5-27-15	50414	0.8 1.4	<i>Run Generator</i>	1530 157
5-28-15	50532	0.7 1.4	<i>Run Generator</i>	1530 157
5-31-15	50639	0.8 1.3	<i>Run Generator</i>	0830 900
5-31-15	Run Generator under load for 1 hr			<i>OK</i>
6-3-15	51081	0.8 0.4	<i>Run Generator</i>	1612-1632
6-5-15	51053	0.9 0.4	<i>Run Generator</i>	1500 1572
6-7-15	51028	0.8 0.4	<i>Run Generator</i>	0240 0245
6-10-15	51050	0.8 0.5	<i>Run Generator</i>	0100-0115
6-10-15	51005	0.8 1.5	<i>Run Generator</i>	1500 1510
6-14-15	51352	1.0 1.6	<i>Run Generator</i>	535-544
6-18-15	51460	0.5 0.7	<i>Run Generator</i>	1500-1510
6-20-15	51540	0.6 1.0	<i>Run Generator</i>	950 1000
6-24-15	51602	0.5 0.8	<i>Run Generator</i>	1500 1510

P.E.

7-1-19	52012	0.28-0.55	1625 1625	Arch Spoken 9/5/20
7-3-19	52028	1.0-0.8	81050 1120	Arch
7-5-19	52177	1.6-1.1	82030 2000	Arch
7-8-19	52344	0.7-0.6	Arch Spoken 510-200	
7-10-19	52430	0.8 1.5	Arch Spoken 450 100	
7-12-19	52586	0.5 1.4	Arch Spoken 1700 170	
7-15-19	52633	0.7 1.5	Arch Spoken 850 200	
7-16-19	52780	0.6 1.4	Arch Spoken 850 500	
7-19-19	52728	0.5-1.3	Arch Spoken 1505-1575	
7-22-19	52985	0.4-1.2	Arch Spoken 2140-2150	
7-24-19	53035	0.6 1.2	Arch Spoken 1107-1131	
7-26-19	53080	0.7 1.4	Arch Spoken 1530 1300	
7-29-19	53178	0.6 0.4	Arch Spoken 950 900	
7-31-19	53260	0.7 1.3	Arch Spoken 1130 1640	
8-2-19	53315	0.6 1.4	Arch Spoken 150-500	
8-5-19	53414	0.5 1.0	Arch Spoken 1100 1000	
8-7-19	53485	0.7 1.5	Arch Spoken 650 630	
8-9-19	53555	0.8 1.4	Arch Spoken 2730 745	
8-13-19	53733	0.7 1.3	Arch Spoken 700 700	
8-15-19	53882	0.8 1.4	Arch Spoken 0730 700	
8-17-19	53896	0.7 1.5	Arch Spoken 1100 110	
8-19-19	53965	0.6 1.4	Arch Spoken 1340 1350	
8-21-19	54006	0.7 1.4	Arch Spoken 1710 1700	
8-23-19	54117	0.8 1.3	Arch Spoken 1030 1050	
8-26-19	54268	0.6-1.3	Arch Spoken 0740 700	
8-28-19	54485	0.7-1.4	Arch Spoken 1330 1340	
8-30-19	54535	0.5 1.5	Arch Spoken 1730 1500	
9-3-19	54732	0.2 1.4	Arch Spoken 0530 540	
9-5-19	54871	0.5-2.4	Arch Spoken 1010 1000	

✓ FR 40-20

Pine Crest

P.C.

5-13-19	55217	0.4	0.0	Cherryland	5300	530	
7-16-19	55400	0.2	0.6	Cherryland	5500	4810	
7-18-19	55490	0.4	0.5	Cherryland	5800	1570	
8-20-19	55584	0.2	0.7	Cherryland	1305	1355	
9-23-19	55959	0.3	1.0	Cherryland	1540	1550	
9-25-19	Run generator for 1 hour under load						
9-25-19	4.3	3.5	2.2	Run			
9-27-19	55335	4.0	3.7	Cherryland	930	935	↓ FR 20-10
9-30-19	56135	0.4	0.2	Cherryland	930	945	Examined 5500, pt
10-2-19	56355	0.4	1.0	Cherryland	1300	1320	
10-4-19	56345	0.2	1.0	Cherryland	830	730	
10-7-19	56536	0.3	1.0	Cherryland	935	545	
10-9-19	56655	0.4	1.0	Cherryland	1430	1440	
10-11-19	56760	0.4	1.2	Cherryland	1320	153	
10-14-19	56962	0.3	0.8	Cherryland	1330	940	
10-16-19	57111	0.2	1.0	Cherryland	1005	1040	
10-18-19	57225	0.4	2.1	Cherryland	1000	1040	
10-21-19	57402	0.3	1.1	Cherryland	1100	1110	
10-23-19	57522	0.3	1.4	Cherryland	1225	1235	
10-25-19	57643	0.5	1.4	Cherryland	1545	1555	
10-28-19	57819	0.8	2.5	Cherryland	1045	1055	
10-30-19	57933	0.7	2.3	Cherryland	1105	1115	
11-1-19	58039	0.6	1.8	Cherryland	1195	1155	
11-4-19	58228	0.3	0.9	Cherryland	1105	1115	FR ↑ 15% - 20%
11-6-19	58334	0.4	0.9	Cherryland	0950	1000	FA ↑ 20% - 30%
11-8-19	58435	0.4	1.2	Cherryland	1055	1105	
11-11-19	58411	1.0	3.4	Cherryland	1040	1050	
11-13-19	58735	0.7	2.5	Cherryland	1055	1105	FR ↓ 30% - 25%
11-15-19	58850	0.8	2.6	Cherryland	1000	1010	FR ↓ 25% - 20%
11-18-19	59008	0.8	2.3	Cherryland	1005	1015	FR ↓ 20% - 15%

Dine Crest

11-22-19	59416	0.7	1.8	0.7	1030-1040	
11-29-19	59808	0.7	2.3	0.7	1020-1030	
12-2-19	59607	0.9	3.1	0.7	1100-1130	FR $\downarrow$ 20% - 15%
12-4-19	59680	0.6	1.5	0.7	0955-1005	
12-6-19	59749	0.7	1.8	0.7	1020-1030	
12-9-19	59848	0.2	1.0	0.7	1040-1050	FR $\uparrow$ 15% - 20%
12-11-19	59980	0.5	1.9	0.7	0930-1040	
12-13-19	59984	0.6	2.0	0.7	1020-1030	
12-16-19	60093	0.5	1.8	0.7	1020-1030	
12-19-19	Flushed	Systems Tank	Run generator 1 hour			under load, exercised valves OK
12-19-19	60224	0.4	3.6	0.7	1010-1020	
12-20-19	60225	1.4	1.2	0.7	0915-0930	Single back
12-23-19	60375	0.8	1.8	0.7	1555-1605	
12-25-19	60439	0.7	1.7	0.7	1010-1020	
12-27-19	60511	0.8	1.9	0.7	1020-1030	
12-30-19	60624	0.7	1.0	0.7	1035-1045	FR $\uparrow$ 40%
1-1-20	60699	0.5	1.4	0.7	1025-1035	
1-3-20	60762	0.6	1.9	0.7	1035-1045	
1-6-20	60895	0.5	1.7	0.7	1015-1025	
1-8-20	60975	0.4	1.9	0.7	1420-1430	
1-10-20	61053	0.7	1.7	0.7	1025-1035	
1-13-20	61184	1.2	3.2	0.7	1040-1050	FR $\downarrow$ 40% - 30%
1-14-20	Run generator for 1 hour under load					
	Exercised isolation valves					
1-15-20	61275	1.3	3.4	0.7	1015-1025	FR $\downarrow$ 30% - 20%
1-17-20	61359	0.8	2.2	0.7	0935-0945	
1-20-20	61496	0.6	2.9	0.7	1015-1025	FR $\downarrow$ 20% - 15%
1-22-20	61583	0.5	2.1	0.7	1015-1025	
1-22-20	Flushed	54 Gen	Exercised valves			
1-24-20	61665	0.7	2.6	0.7	1030-1040	
1-27-20	61707	0.8	2.6	0.7	1030-1040	

61974 Pine Crest

2-3-20 62117 0.5 1.9 Chw 1030-1048
 2-5-20 62217 0.4 2.0 Chw 1035-1045
 2-7-20 62318 0.4 1.7 Chw 1100-1110
 2-10-20 62481 0.5 1.9 Chw 1035-1045
 2-12-20 62597 0.2 0.9 Chw 1040-1050
 2-13-20 Chl 1.5 Flush system exercise valves
 2-14-20 62702 0.3 0.8 Chw 1100-1110
 2-17-20 62864 0.4 1.8 Chw 1040-1050
 2-19-20 62968 0.5 2.1 Chw 1040-1050
 2-21-20 63055 0.3 2.2 Chw 1005-1015
 2-24-20 63218 0.4 1.9 Chw 1130-1140
 2-26-20 63321 0.3 1.7 Chw 1040-1050

FR ↑ 30%
 EM FR ↓ 30% - 20%
 FR ↑ 20% - 25%

2-26-20 Run Generator for 1 hour under load
 2-28-20 63385 0.2 0.9 Chw 1050-1100
 3-2-20 63488 1.0 4.1 Chw 1105-1115

Flushed System Exercised Valve dR

3-4-20 Chl 2.0 Flush system exercise valves

FR ↓ 25% - 15%

3-4-20 63569 0.2 5.0 Chw 1100-1110

EM 1100-1110 ↓ FR 20-10

3-6-20 63624 0.3-4.4 Chw 1050-1100

938 ↓ S. 40-37

3-9-20 63739 0.4-4.2 Chw 1110-1120

Stroke ↓ 30% - 20%

3-9-20 Chl. 3.0 Flush system exercise valves

EM

3-11-20 63799 0.3 2.4 Chw 1115-1125

3-13-20 63867 0.2 1.5 Chw 1040-1050

3-14-20 63984 0.3 1.7 Chw 1045-1055

3-17-20 Exercised valves flushed system printed fire

hydrants dR

3-18-20 64078 0.4 1.9 Chw 1040-1050

3-20-20 64160 0.3 1.9 Chw 1105-1115

3-23-20 64287 0.3 2.0 Chw 1020-1030

3-25-20 64376 0.4 2.1 Chw 1015-1025

3-27-20 64477 0.3 1.7 Chw 0920-0930

3-30-20 64646 0.4 1.9 Chw 0955-1005

Ainecrest

7/16/20 Added air to tank, flushed tank & system, Exercised valves

5-6-20 64949 0.2 0.8 0.8 1055-1105 Stroke ↑ 30% - 40%

5-10-20 65054 0.2 1.1 0.9 1025-1035 Stroke ↑ 100% - 100%

5-13-20 65298 0.3 1.4 0.4 1215-1225 FR ↑ to 20%

5-15-20 65385 0.2 0.8 0.4 1030-1040 FR ↓ 20% - 17%

5-17-20 65463 0.4 2.3 0.4 1040-1050 FR ↓ 17% - 15%

5-20-20 65599 0.3 1.9 0.4 1110-1120

5-22-20 65683 0.4 3.5 0.4 1035-1045

5-24-20 65776 0.3 2.1 0.4 0840-0858

5-24/20 Run generator for 1 hour under load & flushed system, exercised valves

5-27-20 65911 0.2 1.5 0.4 1050-1100

5-29-20 66014 0.3 1.8 0.4 1035-1045

5-1-20 66098 0.4 1.7 0.4 1035-1045

5-4-20 66249 0.2 1.8 0.4 1040-1050

5-5-20 line blew on main well, shut off main well for repair. Turned on back up well, under bore

Water note.

5-7-20 Shut system down, replaced flange & pipe on main well, flushed system, water back on

5-6-20 66353 0.3 1.9 0.4 1230-1240

5-7-20 66407 0.2 1.8 0.4 0930-0940

5-11-20 66493 0.2 1.5 0.4 1015-1025

5-13-20 66559 0.2 1.3 0.4 1140-1150

5-15-20 66607 0.3 1.4 0.4 1050-1100

5-18-20 66765 0.3 1.5 0.4 1150-1200

5-20-20 Run generator under load for 1 hour. Exercised checked Chlorine + Exercised valves flushed

5-22-20 66832 0.4 2.2 0.4 1235-1305

5-22-20 66891 0.4 3.1 0.4 0955-1005

5-28-20 66988 0.3 2.0 0.4 0935-1005

5-27-20 67043 0.4 1.9 0.4 1545-1555

5-29-20 67090 0.2 0.9 0.4 1020-1030

FR ↑ 10% - 20%

Pinecrest

6-5-20 67273 0.3 3.1 Chw 1040-1050
 67345 0.4 2.8 Chw 1035-1145

FR & 15%-12%

6-10-20 Run generator under load for 1 hour
 Fire Hydrants were inspected, weeded around Fire Well JR

6-10-20 67411 0.2 1.0 Chw 1100-1110

FR & 12%-15%

6-12-20 67477 0.4 3.1 Chw 1150-1200

FR & 15%-10%

6-15-20 67547 0.3 3.5 Chw 1120-1130

6-17-20 67651 0.2 2.7 Chw 1225-1235

6-19-20 67718 0.3 1.1 Chw 1045-1055

6-22-20 67827 0.2 1.9 Chw 1130-1140

6-24-20 67903 0.3 2.1 Chw 1010-1020

6-26-20 67983 0.2 2.4 Chw 1030-1040

6-29-20 68099 0.3 2.1 Chw 1010-1030

7-1-20 68177 0.2 2.1 Chw 1030-1040

7-6-20 Flushed Tank & System Exercised valves, added air to tank, replaced 2 dead meters JR

7-6-20 68326 0.3 2.0 Chw 1240-1250

7-8-20 68373 0.2 1.8 Chw 1545-1555

7-10-20 68425 E.2-E.5 Chw 1510-1520

7-11-20 10:00pm power out. Ran generator under load for 1 hour. Power on 11:00 pm JR

7-13-20 Checked Chlorine, Flushed Tank, exercised valves, cut grass JR

7-13-20 68514 0.4-0.2 Chw 1630-1640

* FR 50-55

7-15-20 68553 0.3 0.6 Chw 1205-1215

7-17-20 68604 0.2 0.7 Chw 1100-1115

FR & 30%-40%

7-20-20 68707 0.3 1.0 Chw 1010-1020

7-22-20 68771 0.3 2.1 Chw 1030-1040

7-24-20 68833 0.2 1.9 Chw 1115-1125

7-27-20 68931 0.3 1.8 Chw 1215-1225

7-29-20 68996 0.4 3.2 Chw 1045-1055

FR & 40%-35%

7-31-20 69087 0.3 2.4 Chw 1115-1125

0-0-20 69111 0.1 1.0 Chw 1010-1020

Pine Crest

8-10-20 69514 0.2 21 6761k 1040-1050
 8-10-20 Pushed the system cleaning exerts
 8-12-20 69587 0.4 3.0 6761k 1045-1055
 8-14-20 69677 0.4 3.1 6761k 1010-1020
 8-17-20 69791 0.2-1.5 6761k 1030-1130
 8-19-20 CUT 31055 5.4
 8-21-20 69845 0.5-8.2 6761k 1030-1030
 8-21-20 69915 0.2-1.0 6761k 1030-1030
 8-21-20 Run Generator for 1 hour 1100-1135
 8-24-20 70063 0.4 2.4 6761k 1120-1135
 8-26-20 70135 0.3 2.3 6761k 1120-1130
 8-28-20 70205 0.3 2.4 6761k 1105-1115
 8-31-20 70321 0.4 2.1 6761k 1110-1120
 9-2-20 70411 0.3 2.2 6761k 1020-1030
 9-4-20 70490 0.2 2.4 6761k 1040-1050
 9-7-20 70578 0.3 2.3 6761k 1010-1020
 9-9-20 70695 0.3 2.1 6761k 1110-1120
 9-13-20 70825 3.4-0.6 6761k 1010-1035
 9-14-20 70848 0.4 2.1 6761k 1025-1035
 9-16-20 70958 0.3 1.7 6761k 1155-1205
 9-18-20 71012 0.4 2.3 6761k 1110-1130
 9-21-20 71128 0.2 2.0 6761k 1105-1115
 9-23-20 71205 0.3 2.1 6761k 1150-1200
 9-25-20 71277 0.3 2.4 6761k 1115-1125
 9-28-20 71400 0.2 2.0 6761k 1200-1210
 9-30-20 71473 0.4 2.1 6761k 1100-1110
 10-2-20 71552 0.2 0.9 6761k 1105-1125
 10-5-20 71675 0.3 2.2 6761k 1125-1135
 10-7-20 71757 0.2 1.1 6761k 1005-1020

FA 410% - 35%

Cleared P.O.E, Flank Tank

FA 4 to 45%

Fire Chest

10-16-20 72077 0.2 1.8 1045-1055
 10-19-20 72197 0.4 2.0 1145-1155
 10-21-20 72263 0.5 2.1 1215-1225
 10-23-20 72325 0.3 2.2 1125-1135
 10-24-20 72429 0.2 1.8 1120-1130
 10-28-20 72500 0.4 2.1 1145-1155
 10-28-20 Run generator for 1 hr w/valve service

added air to tank & flushed system for

10-30-20 72551 0.4 1.9 1155-1205
 11-2-20 72697 0.3 1.8 1025-1035
 11-4-20 72711 0.2 1.0 1005-1115
 11-6-20 72779 0.2 1.7 1045-1055
 11-9-20 72932 0.3 2.0 1105-1115
 11-11-20 73036 0.2 1.8 1140-1150
 11-13-20 73144 0.3 2.1 1140-1150

11-16-20 73326 1.1 1.8 1200-1230

11-18-20 73441 0.9 1.3 1200-1210
 11-20-20 73553 0.4 1.9 1145-1155
 11-23-20 73725 0.2 0.9 1155-1205
 11-25-20 73803 0.3 2.1 0840-0850

FR 7 410-415

11-27-20 73875 0.2 1.9 1200-1210
 11-30-20 73970 0.2 2.1 1215-1225

12-2-20 74036 0.3 1.8 1130-1140

12-3-20 Flushed system, exercised valves and run generator for 1 hr JR

12-5-20 74131 0.2 1.9 1030-1040

12-7-20 74205 0.3 2.1 1042-1050

12-9-20 74274 0.3 2.3 1140-1150

12-11-20 74342 0.2 1.8 1120-1130

12-14-20 74458 0.3 2.0 1130-1140

12-16-20 74532 0.2 2.1 1125-1135

Pinecrest

12-25-20 74857 0.2 2.2 *Chick* 1000-1010

12-28-20 75011 0.3 2.0 *Chick* 1110-1120

12-30-20 Flushed system, exercised valves, added air

to tank, run generator for an hour under load

12-30-20 75093 0.3 1.4 *Chick* 1105-1115

1-1-21 75161 0.2 1.4 *Chick* 1200-1210

1-4-21 75287 0.2 1.2 *Chick* 1600-1630

1-6-21 75349 0.2 1.2 *Chick* 1205-1215

1-8-21 75423 0.3 1.5 *Chick* 1110-1120

1-11-21 75525 0.2 1.4 *Chick* 1120-1130

1-13-21 75597 0.2 1.1 *Chick* 1035-1045

1-15-21 75663 0.2 1.4 *Chick* 0745-0750

1-18-21 75787 0.3 1.2 *Chick* 1125-1135

1-19-21 Flushed tank system, run generator

for 1 hour under load, exercised valves

1-20-21 75871 0.2 1.4 *Chick* 1100-1110

1-22-21 75955 0.2 1.9 *Chick* 1435-1445

1-25-21 76077 0.3 2.0 *Chick* 1115-1125

1-27-21 76158 0.2 0.9 *Chick* 1120-1130

1-29-21 76240 0.3 1.8 *Chick* 1030-1040

2-1-21 76379 0.2 1.9 *Chick* 1100-1110

2-3-21 76473 0.3 2.1 *Chick* 1225-1235

2-5-21 76553 0.2 1.8 *Chick* 0955-1005

2-5-21 Run generator for 1 hour under load

exercised valves, flushed tank & system

Flushed fire hydrants

2-8-21 76642 0.3 1.9 *Chick* 1015-1025

2-10-21 76700 0.2 1.2 *Chick* 1110-1120

2-12-21 76760 0.3 1.0 *Chick* 0945-0955

2-15-21 76820 0.3 1.9 *Chick* 1110-1120

2-17-21 76880 0.3 1.9 *Chick* 1110-1120

112

FR ↑ 45%-50%

FR ↑ 50%-60%

added air to tank FR

Repaired CL = leak

Pinecrest

2-24-21	77184	0.2	1.9	OK	1115-1125
2-24-21	77241	0.3	2.3	OK	1125-1135
3-1-21	77360	0.2	2.7	OK	1115-1125
3-3-21	77423	0.3	2.4	OK	1100-1110
3-5-21	Run generator for 1 hour water load exercised valves, flushed system PR				
3-5-21	77478	0.5	2.3	OK	1040-1050
3-8-21	77571	0.5	2.4	OK	1125-1135
3-10-21	77627	0.4	2.1	OK	1145-1155
3-12-21	77683	0.4	2.7	OK	1130-1140
3-15-21	77790	0.2	0.8	OK	1025-1035
3-17-21	77849	0.2	0.7	OK	1020-1030
3-17-21	Repair Chlorine Injector Flushed system				
3-19-21	77924	0.4	2.1	OK	0935-0945
3-22-21	78007	0.2	1.8	OK	1020-1030
3-24-21	78063	0.4	1.9	OK	1015-1025
3-24-21	78137	0.3	1.5	OK	0930-0940
3-29-21	78258	0.5	2.1	OK	1140-1150
3-31-21	78337	1.4	2.3	OK	1050-1100
4-2-21	78431	1.1	1.9	OK	1415-1425
4-5-21	78547	1.0	1.7	OK	1115-1125
4-7-21	78637	0.4	1.8	OK	1055-1105
4-9-21	78746	0.5	1.9	OK	1115-1125
4-12-21	78857	0.4	1.9	OK	1110-1120
4-14-21	78947	0.4	0.8	OK	1125-1135
4-14-21	79039	0.4	2.1	OK	1115-1125
4-19-21	79149	0.8	2.0	OK	0850-0900
4-21-21	79226	0.7	1.8	OK	1415-1425
4-23-21	79345	0.5	1.9	OK	1135-1145
4-24-21	79507	0.4	2.1	OK	1130-1140
4-24-21	79507	0.4	2.1	OK	1130-1140

FR 7 50% - 60%

Exercised Valves PR

FR 7 65% - 70%

Pine Crest

5-3-21 72847 0.3 1.8 ~~0.4~~ 1120-1130
 5-5-21 79940 0.4 2.0 ~~0.4~~ 0930-0940
 5-7-21 80032 0.4 1.9 ~~0.4~~ 0900-0910
 5-10-21 Flushed tank + system, exercised valves

Run generator on load for 1 hour & changed 0.1 AR

5-10-21 80100 0.5 1.8 ~~0.4~~ 1000-1010
 5-12-21 80308 0.4 2.0 ~~0.4~~ 1015-1025
 5-14-21 80403 0.5 1.9 ~~0.4~~ 1145-1155
 5-17-21 80558 0.5 2.1 ~~0.4~~ 0945-0955
 5-19-21 80647 0.4 1.8 ~~0.4~~ 1145-1155
 5-21-21 80755 0.3 1.9 ~~0.4~~ 0900-0920
 5-24-21 80885 0.5 2.0 ~~0.4~~ 1045-1055
 5-26-21 80975 0.4 2.0 ~~0.4~~ 1135-1145
 5-28-21 81040 0.3 1.7 ~~0.4~~ 0100-0110
 5-31-21 81152 0.3 2.1 ~~0.4~~ 1030-1040
 6-2-21 81292 0.4 1.9 ~~0.4~~ 1135-1145
 6-4-21 81380 0.4 2.4 ~~0.4~~ 1020-1030
 6-7-21 81515 0.3 2.3 ~~0.4~~ 1045-1055
 6-9-21 81608 0.5 2.1 ~~0.4~~ 1120-1130
 6-11-21 81777 0.3 2.4 ~~0.4~~ 1110-1120
 6-14-21 81850 0.4 2.1 ~~0.4~~ 1105-1115
 6-16-21 81949 0.3 1.9 ~~0.4~~ 1525-1535
 6-18-21 82025 0.3 2.0 ~~0.4~~ 0930-0940
 6-21-21 82174 0.4 2.1 ~~0.4~~ 1100-1110
 6-23-21 82278 0.2 1.8 ~~0.4~~ 1125-1135
 6-25-21 82371 0.3 2.1 ~~0.4~~ 1135-1145
 6-28-21 82534 0.2 1.9 ~~0.4~~ 1110-1120
 6-30-21 82625 0.4 2.2 ~~0.4~~ 1150-1200
 7-2-21 82725 0.3 1.9 ~~0.4~~ 1145-1155
 7-7-21 82984 0.5 2.3 ~~0.4~~ 1145-1155
 7-21-21 82111 0.5 2.3 ~~0.4~~ 1145-1155

Pinecrest

7-16-21 83584 0.2 1.9 *Chad* 0935-0945
 7-19-21 83813 0.3 2.1 *Chad* 1045-1055
 7-21-21 83947 0.2 1.8 *Chad* 1135-1145
 7-23-21 84150 0.4 1.9 *Chad* 1045-1055
 7-24-21 84402 0.3 2.2 *Chad* 1040-1050

7-28-21 Run generator for 1 hour under
 Load exercise valves. Flushed system

7-28-21 84579 0.2 2.1 *Chad* 1525-1535
 7-30-21 84688 0.3 2.3 *Chad* 0845-0855

8-2-21 84904 0.3 1.9 *Chad* 1140-1150
 8-4-21 85021 0.2 2.0 *Chad* 1830-1840

8-6-21 85157 0.3 1.8 *Chad* 1150-1200
 8-9-21 85358 0.2 0.9 *Chad* 1140-1150

8-11-21 85491 0.3 1.0 *Chad* 1120-1130
 8-12-21 Flushed tank Pinecrest Star Terrace

exercised valves, weed ground fire hydrant well

8-13-21 85422 0.3 1.7 *Chad* 1010-1020
 8-16-21 85833 0.2 1.9 *Chad* 1010-1020

8-18-21 85889 0.3 1.4 *Chad* 1020-1030
 8-20-21 86101 0.2 1.8 *Chad* 1050-1100

8-23-21 86254 0.4 2.0 *Chad* 1050-1100
 8-25-21 86343 0.2 1.1 *Chad* 0945-0955

8-27-21 86424 0.3 1.7 *Chad* 1000-1010
 8-30-21 86563 0.2 2.0 *Chad* 1120-1130

9-1-21 86657 0.3 1.0 *Chad* 1400-1410
 9-2-21 Flushed system exercised valves

Replaced screen on pop off + put vacuum
 breaker on hose bib.

7-3-21 86748 0.2 1.4 *Chad* 1035-1045
 9-6-21 87012 0.2 0.8 *Chad* 1000-1010

Repaired Cl₂ leak
 S/R ↑ 60%-70%

JR

Chad

9-9-21

Fintrest

Inspection - Sealing Survey 10:15am -

9-15-21	87458	0.2	1.7	Chill	1815-1825
9-17-21	87732	0.3	1.6	Chill	1205-1215
9-20-21	87884	0.7	0.3	Chill	0955-1005
9-22-21	87997	1.4	1.0	Chill	0910-0920
9-24-21	8	0.8	0.3	Chill	1040-1050
9-27-21	88289	0.2	1.2	Chill	1200-1210
9-29-21	88401	0.3	1.5	Chill	1205-1215
10-1-21	88534	0.5	1.2	Chill	1130-1140
10-4-21	88588	0.4	1.8	Chill	1155-1205
10-6-21	88769	0.2	2.7	Chill	1520-1530
10-8-21	88835	0.3	1.5	Chill	10130-1140
10-11-21	Flashed Tank & system, electrical valves, moved fire wall, fix				
10-11-21	88971	0.2	1.2	Chill	1135-1145
10-13-21	89044	0.4	2.6	Chill	1100-1110
10-15-21	89120	0.4	2.3	Chill	0908-0935
10-18-21	89293	0.2	2.0	Chill	1110-1120
10-20-21	89357	0.2	1.7	Chill	1635-1645
10-22-21	89430	0.4	2.1	Chill	1030-1040
10-23-21	89590	0.2	0.2	Chill	0935-0945
10-27-21	89660	0.3	1.4	Chill	1135-1145
10-29-21	89741	0.2	1.8	Chill	1520-1530
11-1-21	89851	0.1	2.0	Chill	0940-0950
11-3-21	89959	0.4	2.8	Chill	1120-1130
11-5-21	90041	0.5	2.1	Chill	1630-1640
11-8-21	90148	0.3	1.2	Chill	1030-1040

C.R. 35%-40%

CL2 tank full

Pine Crest

Ch
655 3/4 1051 40 Area-alc

11-15-21	90427	0.3	1.5	Ch	1150-1200
11-17-21	90489	0.3	1.8	Ch	1135-1145
11-19-21	90554	0.3	1.3	Ch	1035-1045
11-22-21	90692	0.2	1.9	Ch	1145-1155
11-24-21	90755	0.2	2.2	Ch	1120-1130
11-24-21	90819	0.2	1.9	Ch	1115-1125
11-29-21	90952	0.2	2.0	Ch	1120-1130
12-1-21	91022	0.2	2.1	Ch	1050-1100
12-3-21	91093	0.5	2.4	Ch	1735 1745
12-6-21	91178	0.4	2.1	Ch	1145-1155
12-8-21	91240	0.4	1.8	Ch	1330-1340
12-10-21	91301	0.3	1.7	Ch	1030-1040
12-13-21	91409	0.3	1.9	Ch	1120-1130
12-15-21	91475	0.2	2.3	Ch	1190-1150
12-17-21	91541	0.4	2.1	Ch	1040-1050
12-20-21	91644	0.2	1.9	Ch	1105-1115
12-22-21	91725	0.5	2.2	Ch	1645-1655
12-24-21	91800	0.2	2.1	Ch	1035-1045
12-27-21	91907	0.2	2.3	Ch	1130-1140
12-29-21	91983	0.4	2.0	Ch	1140-1150

12-31-21	92055	0.3	2.0	Ch	1115-1125
1-3-22	92174	0.3	2.3	Ch	1120-1130
1-5-22	92247	0.2	2.0	Ch	1055-1105
1-7-22	92322	0.5	2.1	Ch	1135-1145
1-10-22	92435	0.3	1.9	Ch	1125-1135

1-11-22 Run generator for 1 hour & flushed

1-12-22 tank & system checked valves and added air to tank. OK
 1-17-22 92355 0.3 1.9 1050-1055

110
 Date Run Time

McCreesh

1-24-22	92868	0.3	2.1	<i>Chetok</i>	1205-1225
1-26-22	92840	0.3	2.1	<i>Chetok</i>	1245-1258
1-28-22	93003	0.0	0.8	<i>Chetok</i>	1200-1205
1-31-22	93120	0.5	2.2	<i>Chetok</i>	1150-1200
2-2-22	93190	0.3	2.0	<i>Chetok</i>	1205-1215
2-4-22	93223	0.7	2.1	<i>Chetok</i>	1115-1125
2-7-22	93349	0.9	3.3	<i>Chetok</i>	1005-1015
2-9-22	93430	0.8	2.8	<i>Chetok</i>	1140-1150
2-11-22	93487	0.4	2.0	<i>Chetok</i>	1010-1020
2-14-22	93593	0.3	2.0	<i>Roberts</i>	1115-1125
2-16-22	93652	0.2	1.3	<i>Chetok</i>	1035-1045
2-18-22	93720	0.2	1.4	<i>Chetok</i>	1052-1100
2-21-22	93843	0.8	3.1	<i>Chetok</i>	1045-1055
2-23-22	93901	0.8	1.4	<i>Chetok</i>	1110-1120
2-25-22	94034	0.3	1.7	<i>Chetok</i>	1055-1105
2-28-22	94171	1.1	2.2	<i>Chetok</i>	1125-1135
3-2-22	94254	0.4	2.1	<i>Chetok</i>	1045-1055
3-4-22	94436	0.8	2.2	<i>Chetok</i>	1120-1130
3-7-22	94482	0.8	2.2	<i>Chetok</i>	0945-0955
3-9-22	94546	0.4	2.6	<i>Chetok</i>	0910-0920
3-11-22	94637	0.4	2.6	<i>Chetok</i>	1005-1015
3-14-22	94764	0.2	1.5	<i>Chetok</i>	1055-1105
3-16-22	94854	0.3	2.5	<i>Chetok</i>	1035-1045
3-18-22	94922	0.4	3.5	<i>Chetok</i>	1105-1115
3-21-22	95093	0.6	2.7	<i>Chetok</i>	0950-1000
3-23-22	95126	0.4	3.4	<i>Chetok</i>	0930-0940
3-26-22	95191	0.5	1.9	<i>Chetok</i>	1000-1010
3-28-22	95322	0.4	1.8	<i>Chetok</i>	1000-1010
3-30-22	95419	0.5	1.9	<i>Chetok</i>	1010-1020
4-1-22	95522	0.1	1.9	<i>Chetok</i>	1020-1030

Run Generators under load for 1hr. of 2

FR 4 40% - 35%
 FR 35% - 30%

FR 30% - 35%

Chetok down from 80.5% to 80.5%
 fresh Chetok delivered *

FR 50% - 70%

FR 50% from 60% to 50%

FR 50% to 40%

pinecrest

4-7-22	95795	0.4/1.3	Rehaver	1220-1230
4-11-22	95929	0.9/3.1	Rehaver	1320-1330
4-13-22	96034	0.2/1.0	Rehaver	1300-1310
4-15-22	96135	1.1/2.3	Rehaver	1320-1330
4-18-22	96278	1.2/2.6	Rehaver	1315-1325
4-20-22	96387	0.8/1.7	Rehaver	1635-1645
4-22-22	96502	1.0/3.1	Rehaver	1305-1315
4-25-22	96660	0.4/1.9	Rehaver	1220-1230
4-27-22	96822	0.7/2.3	Rehaver	1300-1310
4-28-22	96930	1.1/3.5	Rehaver	1225-1235
5-2-22	97062	0.3/1.8	Rehaver	1150-1200
5-4-22	97157	0.2/1.0	Rehaver	1215-1225
5-6-22	97248	0.1/0.9	Rehaver	1100-1110
5-9-22	97399	3.7/2.1	Rehaver	1015-1025
5-11-22	97482	3.1/1.5	Rehaver	1000-1100
5-13-22	97550	0.9/2.8/0.9/2.8	Rehaver	1110-1120
5-16-22	97654	0.7/2.1	Rehaver	1000-1010
5-18-22	97737	0.9/3.3	Rehaver	1030-1040
5-20-22	97799	0.6/2.7	Rehaver	1110-1120
5-23-22	97891	1.5/2.1	Rehaver	1320-1330
5-25-22	97959	1.2/2.8	Rehaver	1045-1100
5-27-22	98034	1.4/2.9	Rehaver	1030-1040
5-30-22	98134	0.9/2.7	Rehaver	1330-1340
6-1-22	98251	1.4/2.9	Rehaver	1035-1045
6-3-22	98317	1.4/3.5	Rehaver	1045-1055
6-6-22	98426	0.5/1.5	Rehaver	1030-1045
6-8-22	98509	0.9/1.8	Rehaver	1210-1220
6-10-22	98588	0.3/1.2	Rehaver	1220-1230
6-13-22	98703	4.1/3.4	Rehaver	1025-1035
6-15-22	98798	1.2/0.9	Rehaver	1130-1105
6-17-22	98810	1.1/0.7	Rehaver	1130-1105

fresh clz full
FR ↓ from 100/40% to 100/30%
FR ↑ to 100/40%

leaving FR where it's at.

FR ↓ to 35%

FR ↑ 40%

FR ↑ 50%

clz feeding
fresh clz

FR ↓ to 45% from 50%
FR ↓ to 40% from 45%

FR ↓ to 35%

FR ↓ to 25 from 35%
FR ↑ to 50/30% Flushed tank

pinches

6-24-22	Q = 99340	2.6	2.2	Refuse	1105-1135	
6-21-22	Q = 99391	0.4/1.3	2.2	Refuse	1115-1125	
6-24-22	99490	6/1.2	Refuse	1035-1045		
7-1-22	99584	2.8/3.6	Refuse	1135-1145		
7-4-22	99490	11/1.3	Refuse	1100-1110		
7-6-22	99793	1.2/2.0	Refuse	1025-1035		
7-8-22	99875	2.0/2.5	Refuse	1200-1210		
7-11-22	100004	0.2/1.3	Refuse	0955-1005		
7-13-22	100075	0.9/1.8	Refuse	1000-1010		
7-15-22	100155	0.6/1.5	Refuse	1025-1035		
7-18-22	100210	1.9/3.4	Refuse	1155-1205		
7-20-22	100371	0.7/2.2	Refuse	1150-1200		
7-22-22	100458	1.0/1.6	Refuse	1140-1150		
7-25-22	100574	1.1/1.3	Refuse	1200-1210		
7-26-22	100627	1.0 gal	Chlorine flushed			
7-27-22	100644	2.2	2.5	Refuse	1115-1125	
7-29-22	100701	2.3	2.6	Refuse	1315-1325	
8-1-22	100851	2.4	2.8	Refuse	1120-1130	
8-3-22	100924	3.2	1.7	Refuse	1000-1010	
8-3-22	ADMed	10 gals	Chlorine + air de tank			
8-5-22	100925	1.9	2.2	Refuse	1200-1210	
8-8-22	100927	1.3	1.7	Refuse	1015-1030	
8-9-22	Flow meter not working, shut system down					
	Flow meter no blockage, put meter back still					
8-10-22	100927	1.1	1.0	Refuse	1155-1205	
8-12-22	100927	3.2	1.0	Refuse	1100-1110	
8-12-22	Run Generator under load for 1hr					
8-15-22	100927	0.7	1.3	Refuse		
8-15-22	100927	1.2	1.4	Refuse		

Reported gas tubing, cleaned feeder fresh full

FRP 5% to 25%

FRP 5% to 30%

FRP to 20%

no flow recorded

FRP 5% to 25%

Pinecrest

9-24-22	100922	2.6	2.9	Regr	1145-1155
9-26-22	100927	1.9	2.7	Regr	1025-1035
9-29-22	100927	2.7	3.4	Regr	1045-1055
9-31-22	100927	2.5	0.5	Regr	1025-1035
9-2-22	100927	3.2	2.9	Regr	1040-1050
9-5-22	100922	3.2	2.2	Regr	1400-1410
9-7-22	100922	2.8	3.0	Regr	1345-1355
9-9-22	100922	1.5	2.8	Regr	1245-1145
9-12-22	100922	1.7	2.6	Regr	1050-1055
9-14-22	100922	0.7	2.5	Regr	1300-1330
9-14-22	Added 12 gals of Chlorine to Tank cleaned meter				
9-15-22	100927	2.4	2.8	Regr	1255-1305
9-19-22	101486	3.0	2.7	Regr	1315-1325
9-20-22	Shut down system, pressure washed inside of Tank Tank Inspection - Regulator - Compliance 10/20/22				
9-21-22	101575	Regr 1105 1115			
9-22-22	Flushed system	Exercised valves, took			
9-23-22	101666	0.8	0.5	Regr	
9-26-22	101795	2.4	1.9	Regr	1315-1325
9-28-22	101867	2.6	2.0	Regr	0745-0755
9-30-22	101893	0.2	0.6	Regr	1050-1110
10-3-22	101951	0.4	0.5	Regr	1005-1015
10-5-22	102050	3.0	0.6	Regr	1315-1335
10-7-22	102138	0.4	0.6	Regr	1730-1740
10-10-22	102275	0.1	1.9	Regr	1215-1225
10-16-22	102361	3.4	1.7	Regr	1100-1115
10-17-22	102442	2.1	2.5	Regr	1200-1210
10-17-22	102582	2.2	2.1	Regr	1125-1135
10-19-22	102625	2.8	1.6	Regr	1055-1110
10-21-22	102710	2.0	1.1	Regr	

FR ↓ 5% to 25%
FR ↓ from 5% to 45% as chs delivered

FR ↓ from 45% to 40%
FR ↑ to 40% 40%
FR ↑ to 40/20 45

Pump running
FR ↓ 5% to 35%

Flow meter working, FR ↓ from 35% to

Power outage running as per
FR ↓ 5% to 35% as chs delivered
Pump running, FR ↓ 35% to 35% as chs delivered

FR ↓ to 10% from 15%

PICKREST

10/26/22 Switched pressure switches so the 4" well is the lead well + the 2" is back up
 10/27/22 Installed Aqua Gold injector for

well is the lead well + the 2" is back up

10-28-22 102918 2.0 1.8 Riser 1320 1330
 10-31-22 102990 1.7 1.9 Riser 1030 1040
 11-2-22 103048 3.3 0.8 Riser 1000 1030
 11-7-22 103142 2.6 2.0 Riser 1300 1310
 11-9-22 103236 2.0 1.4 Riser 1120 1135
 11-11-22 103289 2.7 1.2 Riser 1350 1400
 11-14-22 103333 -0.4 -1.8 Riser 1010 1020

80+%

11-16-22 103408 1.5 -1.5 Riser 1390 1340

11-18-22 103446 1.5 2.2 Riser 1040 1050

11-19-22 Added air to tank, flushed system, exercised valves, weeded, ran generator under load for

11-21-22 103525 0.3 2.0 Riser 1040 1050
 11-23-22 103574 3.0 2.4 Riser 1095 1110
 11-25-22 103623 3.2 1.8 Riser 1135 1145
 11-28-22 103695 0.3 3.2 Riser 1205 1215
 11-30-22 103748 2.8 2.0 Riser 1150 1210
 12-2-22 103793 2.9 1.1 Riser 1125 1140
 12-5-22 103889 3.4 2.7 Riser 1440 1450
 12-7-22 103940 3.3 1.2 Riser 1100 1115
 12-9-22 103987 3.1 1.5 Riser 1040 1050
 12-12-22 104023 3.5 1.5 Riser 1100 1110
 12-14-22 104128 3.4 1.6 Riser 1115 1125
 12-16-22 104190 2.7 2.7 Riser 1055 1105
 1-14-22 104105 2.7 1.1 Riser 1120 1130

FR ↓ 3-5% RE

FR ↓ 3-5%

Flushed tank made well turn on

Ran well adjusted settings
 ran well, settings adjusted to 3/3% lowest possible

well running

well running Fresh C/O

Pinecrest

2-23-23 Durham pulled well and w/11 line to replace pump & flushed end line 15 mins, running 85-90%
 2-24-23 106325 2.3 2.6 185 1050 1105 flushed end line 15 mins, running 85-90%
 2-24-23 106340 2.6 2.1 185 1125 1155 flushed end line 15 mins, running 85-90%
 3-1-23 106379 2.5 2.5 185 1130 1145 flushed 15 mins, running 85-90%
 3-2-23 Flushed tank & system, exercised valves & ran generator 1000 hr. 11:15
 3-3-23 106422 3.8 2.9 185 1235 1300 Flushed end line 15 mins, running 85-90%
 3-5-23 106492 2.4 1.2 185 1250 1305 flushed end line 15 mins, running 85-90%
 3-8-23 106536 0.3 0.5 185 1255 1340 flushed end line 15 mins, running 85-90%
 3-10-23 106599 2.8 0.9 185 1140 1200 flushed end line 15 mins, running 85-90%
 3-13-23 106679 2.8 1.1 185 1230 1255 flushed end line 15 mins, running 85-90%
 3-15-23 Flushed tank & system, exercised valves & ran generator 1000 hr. 11:15
 3-16-23 Flushed, painted & shed 11:15
 3-16-23 Run generator under load 1 hr 12
 3-15-23 106722 3.5 1.6 185 1145 1200 Flushed end line 15 mins, running 85-90%
 3-19-23 Painted 3" pipe green, put on well screens & added air to tank
 3-19-23 Put Aquia Gold in metal box & flushed fire hydrants 4+5
 3-19-23 106735 3.1 1.5 185 1205 1225 flushed end line 15 mins, running 85-90%
 3-20-23 106869 2.8 1.1 185 1050 1100 flushed end line 15 mins, running 85-90%
 3-20-23 106932 2.6 2.0 185 1215 12 flushed end line 15 mins, running 85-90%
 3-23-23 Busted water line at 413 CHDE had to shut system down to repair. Under Boiled water
 3-24-23 107000 2.1 1.8 185 1100 1110 flushed end line 15 mins, running 85-90%
 3-24-23 107102 3.0 0.8 185 1205 1225 flushed end line 15 mins, running 85-90%
 3-24-23 107171 3.5 1.7 185 1175 1225 flushed end line 15 mins, running 85-90%
 3-31-23 107241 3.1 1.1 185 1245 1300 flushed end line 15 mins, running 85-90%
 4-3-23 107349 3.2 1.4 185 1000 1020 flushed end line 15 mins, running 85-90%
 4-5-23 107421 0.7 0.8 185 1200 1230 flushed end line 15 mins, running 85-90%
 4-5-23 Installed new spool for chlorine pump to go over new tank, need longer hose for suction side
 4-11-23 New hose on discharge, Robert won't have to adjust chlorine 11:15

Pinecrest

4-10-23 107686 39/3.1 Repair 1105 1175
 4-13-23 visit Repair 135216 1120 1125
 4-14-23 107745 3.8 3.1 Repair 1155 1212
 4-17-23 107845 2.8 1.5 Repair 1140 1155
 4-19-23 107905 1.5 2.5 Repair 1150 1205
 4-21-23 107912 3.5 2.5 Repair 1230 1245
 4-24-23 108084 3.8 1.4 Repair 1120 1135
 4-26-23 108075 3.8 1.1 Repair 1145 1202
 4-28-23 108205 3.5 1.6 Repair 1230 1250
 5-1-23 Added 5 gallons of Chlorine
 Exercised valves + flushed system

Flushed to mix
 running FRV for stroke 15% to 25%
 FRV stroke 15% to 25% 42.3.7.3
 FRV stroke 25% to 50% 40
 Running, flushed end 10 min
 Flushed 10 min stroke 15% to 25%
 stroke 15% to 40%
 FRV 10% stroke 30% flushed 5 min
 FRV 23% running, need Air in tank
 Running, flushed end 10 min

5-1-23 108383 0.7 1.8 Repair 1340 1358
 5-3-23 108361 1.9 1.6 Repair 1240 1252
 5-5-23 108431 2.6 3.3 Repair 1210 1220
 5-8-23 108545 2.9 1.3 Repair 1110 1130
 5-10-23 108625 3.5 1.7 Repair 1145 1202
 5-10-23 (Flushed system) lost power to whole
 5-12-23 108695 2.9 2.1 Repair 0830 0840
 5-15-23 108854 2.6 1.3 Repair 1255 1310
 5-17-23 108944 3.4 2.9 Repair 1135 1155
 5-19-23 109031 2.7 2.2 Repair 1150 1210

not running
 running repair gas flushed end 10 min
 not running, flushed end 10 min stroke 15%
 running, flushed end 10 min
 running, flushed end 10 min
 neighbor had lost pressure to tank
 put on boiled water, notice and started generating
 running, flushed end 15 min stroke 15%
 running, flushed end 15 min

5-22-23 109140 3.0-2.1 Repair 1230 1240
 5-24-23 109210 1.5-1.0 Repair 1700 1710
 5-26-23 109286 2.0 1.4 Repair 1300 1310
 5-30-23 Flushed system, exercised valves R

Flushed. Hydraulic 6+7

5-31-23	109450 - 38 - 2.3	Open Ground 1230-1230	
6-2-23	109544 - 30-3.5	Open Ground 950-1000	NR
6-5-23	109650 - 0.5-0.9	Open Ground 1015-1023	
6-7-23	109732 - 0.5-0.5	Open Ground 1050-1100	
6-9-23	109771 - 0.5-1.2	Open Ground 1030-1033	
6-12-23	109869 - 0.4-2.3	Open Ground 1040-1050	NR
6-14-23	109865 - 1.3-1.9	Open Ground 1000-1110	
6-16-23	109872 - 1.3-1.0	Open Ground 1610-1620	
6-19-2023	109879 - 1.2-1.0	Open Ground 0745-0750	
6-21-23	109949 - 0.3-1.5	Open Ground 1050-1100	
6-23-23	110011 - 1.0-0.8	Open Ground 930-1000	
6-26-23	110181 - 0.2-1.0	Open Ground 1000-1015	
6-28-23	110232 - 0.5-3.2	Open Ground 1000-1100	
6-30-23	110281 - 0.5-2.6	Open Ground 1030-1051 am	
7-2-23	110281 - 0.5-2.6	Open Ground 1030-1051 am	

7-5-23	110499 - 0.5-2.4	Shank 1150 130	
7-7-23	110583 0.4-0.9	Shank 1120:11.27Am	Shank
7-10-23	110700 - 0.5-1.0	Shank 1430	
7-12-23	110769 0.4 1.5	Shank 1900	
7-14-23	110535 0.2-1.8	Shank 1800-1810	
7-17-23	110933 - 0.8-1.2	Shank 1810	
7-20-23	111065 - 2.0-0.2	Shank 01020.0835	Adjusted pump to 40/20
7-23-23	0.8-1.3	Shank 1140-1150	
7-24-23	111174 0.2-1.2	Shank 1200-1230	
7-25-23	111249 - 0.4-1.9	Shank 1230-1250	
7-29-23	111360 0.6-1.5	Shank 1100-1115	
7-31-23	111446 0.8-3.5	Shank 1710 1715	Adjusted pump to 15
8-2-23	111493 - 0.4-3.8	Shank 1800-1810	↓ 15-15
8-4-23	111557 - 0.5-2.5	Shank 1300 1310	
8-7-23	111715 - 1.2-3.0	Shank 1100-1110	

8-11-23 111560 0.5-3.8 *Shelley* 1000 1010

9-11-23 Flushed tank + system, run generator under load for 1 hour, exercised valves. Flushed fire hydrant 8+9 *JR*

8-14-23 Added 15 gallons Chlorine. New delivery will be Wednesday *JK*

8-14-23 111996 - 0.2 - 0.4 *Shelley* 1510 $\uparrow$ FL

8-15-23 Flushed system exercised valves *JK*

8-17-23 113492 - 0.5 3.5 *Shelley* 1000 $\downarrow$ FL

8-19-23 112101 0.5 3.5 *Shelley* 1530 1540

8-21-23 112713 0.2 3.5 *Shelley* 1030 1040 $\downarrow$ FL

8-23-21 112850 0.5-3.8 *Shelley* 1030 1040 $\downarrow$ Start 40-30

~~8-23-21 113316 4.2-3.5 *Shelley* 1500 1510~~

8-28-23 112309 0.8-3.5 *Shelley* 1170 1180

8-30-23 112440 0.3-2.8 *Shelley* 0930 0935

9-1-23 112493 0.5-2.8 *Shelley* 0900 0910

9-5-23 Run generator for 1 hour under load

9-6-23	112666	0.2-3.2	Ch. Ch. 1600 16.0	12
9-8-23	112716	1 0.4-3.6	Ch. Ch. 1030 10.35	Adjusted pump to 25/10
9-11-23	112829	0.2-0.2	Ch. Ch. 1113-1125	7
9-15-23	112943	0.4-2.1	Ch. Ch. 1350 13.55	
9-17-23	113014	0.3-1.2	Ch. Ch. 1400 14.10	
9-18-23	113049	0.4-0.8	Ch. Ch. 1541.5 15.50	
9-20-23	113105	0.3-0.7	Ch. Ch. 1540-15.50	
9-22-23	113165	0.3-1.9	Ch. Ch. 1130 11.30	10
9-25-23	113070	0.2-2.1	Ch. Ch. 11.30	
9-27-23	113324	0.4-0.5	Ch. Ch. 11.30	
9-29-23	113314	3.8-2.78	Ch. Ch. 11.30	
9-30-23	Run generator under load for 1 hour	exchanged valve	flushed system	
		added air to tank + moved		
10-2-23	Put Main Well back on line	flushed system, added air to tank		
10-2-23	113500	0.2-0.5	Ch. Ch. 1700 17.00	

10-6-23 113581 3.5-3.5 *Ch. L. Hall* 2d

10-9-23 113689 0.4-3.0 *Ch. L. Hall* 2d

10-11-23 113752 0.2-1.9 *Ch. L. Hall* 1520150

10-13-23 113809 0.4-3.3 *Strong* 1230 1235

20g

Put main well back in service
flushed system, turned chlorine up
to 80 cut gases off

10-16-23 113942 0.3-1.6 *Strong* 1020 1030

20g

10-18-23 113995 0.2-1.4 *Strong* 1320 1330

10-19-23 Put clamp on main well to keep
from moving & added chlorine

0-20-23 114092 0.4-1.6 *Strong* 1540 1630 Full

10-23-23 114232 0.3-2.0 *Strong* 1520 1535

10-25-23 114309 0.2-1.4 *Strong* 1150 1200

10-27-23 114322 0.3-1.6 *Strong* 1030 1040

11-2-23 114515 0.5-1.5 *Ch. L. Hall* 1520150
114552

1-5-23	114645 - 0.3 - 1.5	Shut down 1572	
1-6-23	114783 - 0.5 - 3.4	Shut down 1620 1850	Need 5 hrs - 45
1-8-23	114859 - 0.2 - 1.2	Shut down 1530	1540
1-10-23	114930 - 1.0 - 0.4	Shut down 140738	↑ FR
1-13-23	115061 - 0.2 - 0.2	Shut down 1138-1200	↑ FR
1-13-23	FD stalled steel valve on main well + put back in service, exercised valves, ran generator for 1 hour under load + flushed system + started 12 gals chlorine		
1-15-23	115130 - 0.2 - 0.4	Shut down 135012	↑ FR
1-17-23	115209 - 0.4 - 1.0	Shut down 132012	
1-18-23	115314 - 0.4 - 0.5	Shut down 1400	1620
1-22-23	115364 - 0.2 - 0.5	Shut down 115012	
1-22-23	115816 - 0.2 - 0.5	Shut down 1220 1235	adjusted PR ↑ shut
1-28-23	Lowered air relief valve on tank 1st		
1-29-23	115581 - 0.3 - 0.5	Shut down 1315 1325	Shut down

12-6-23 115535-0.2-1.0 ~~At 11:00 AM~~ 11:20

12-8-23 115898 0.2-1.5 ~~At 11:00 AM~~ 11:10

12-11-23 116011-0.2-1.3 ~~At 11:00 AM~~ 11:25

12-13-23 Run generator under load for 1 hour
flushed system + exercised valves JX

12-13-23 116091-0.3-1.4 ~~At 11:00 AM~~ 12:15 12:25

12-15-23 116147-0.2-2.0 ~~At 11:00 AM~~ 12:30 17:00

12-16-23 116222-0.3-1.5 ~~At 11:00 AM~~ 12:20 12:30

12-20-23 116275 0.9 1.7 ~~At 11:00 AM~~ 08:40:00

12-22-23 116340 0.5 2.0 ~~At 11:00 AM~~ 12:00 12:15

12-25-23 116435 0.3 1.5 ~~At 11:00 AM~~ 12:40:00

12-27-23 116475 0.2 1.0 ~~At 11:00 AM~~ 09:40:00

12-29-23 116532 0.4 1.1 ~~At 11:00 AM~~ 09:35 10:00

1-1-24 116680¹¹⁶⁶³⁰ 0.3 3.3 ~~At 11:00 AM~~ 09:45-10:00

1-3-24 116680 0.2 0.6 ~~At 11:00 AM~~ 10:00:00

1-5-24 116936 0.3 3.8 ~~At 11:00 AM~~ 09:55:00

12-6-23 115535-0.2-1.0 ~~At 11:00 AM~~ 11:20

12-8-23 115898 0.2-1.5 ~~At 11:00 AM~~ 11:10

12-11-23 116011-0.2-1.3 ~~At 11:00 AM~~ 11:25

12-13-23 Run generator under load for 1 hour
flushed system + exercised valves JX

12-13-23 116091-0.3-1.4 ~~At 11:00 AM~~ 12:15 12:25

12-15-23 116147-0.2-2.0 ~~At 11:00 AM~~ 12:30 17:00

12-16-23 116222-0.3-1.5 ~~At 11:00 AM~~ 12:20 12:30

12-20-23 116275 0.9 1.7 ~~At 11:00 AM~~ 08:40:00

12-22-23 116340 0.5 2.0 ~~At 11:00 AM~~ 12:00 12:15

12-25-23 116435 0.3 1.5 ~~At 11:00 AM~~ 12:40:00

12-27-23 116475 0.2 1.0 ~~At 11:00 AM~~ 09:40:00

12-29-23 116532 0.4 1.1 ~~At 11:00 AM~~ 09:35 10:00

1-1-24 116680¹¹⁶⁶³⁰ 0.3 3.3 ~~At 11:00 AM~~ 09:45-10:00

1-3-24 116680 0.2 0.6 ~~At 11:00 AM~~ 10:00:00

1-5-24 116936 0.3 3.8 ~~At 11:00 AM~~ 09:55:00

12-6-23 115535-0.2-1.0 ~~At 11:00 AM~~ 11:20

12-8-23 115898 0.2-1.5 ~~At 11:00 AM~~ 11:10

12-11-23 116011-0.2-1.3 ~~At 11:00 AM~~ 11:25

12-13-23 Run generator under load for 1 hour
flushed system + exercised valves JX

12-13-23 116091-0.3-1.4 ~~At 11:00 AM~~ 12:15 12:25

12-15-23 116147-0.2-2.0 ~~At 11:00 AM~~ 12:30 17:00

12-16-23 116222-0.3-1.5 ~~At 11:00 AM~~ 12:20 12:30

12-20-23 116275 0.9 1.7 ~~At 11:00 AM~~ 08:40:00

12-22-23 116340 0.5 2.0 ~~At 11:00 AM~~ 12:00 12:15

12-25-23 116435 0.3 1.5 ~~At 11:00 AM~~ 12:40:00

12-27-23 116475 0.2 1.0 ~~At 11:00 AM~~ 09:40:00

12-29-23 116532 0.4 1.1 ~~At 11:00 AM~~ 09:35 10:00

1-1-24 116680¹¹⁶⁶³⁰ 0.3 3.3 ~~At 11:00 AM~~ 09:45-10:00

1-3-24 116680 0.2 0.6 ~~At 11:00 AM~~ 10:00:00

1-5-24 116936 0.3 3.8 ~~At 11:00 AM~~ 09:55:00

1-10-24	116887	0.1	1.17	Rebar 1155-1210	Ch Fall
1-10-24	116941	0.2	0.9	Rebar 1215-1231	60 gals FR ↑ 5% to 20 1/3%
1-15-24	117025	0.4	2.0	Rebar 1235-0920	
1-17-24	117084	0.6	4.0	Rebar 1245-1415	FR ↑ 5% to 15 1/3%
1-19-24	117143	0.2	3.1	Rebar 1420-1435	
1-19-24	Flushed system exposed valves & flushed no 3 & 4 fire hydrants JR				
1-22-24	117224	0.1	2.0	Rebar 1451-1115	50 gals
1-24-24	117279	0.4	2.6	Rebar 1530-1540	Aluminum
1-26-24	117334	0.3	2.3	Rebar 1300-1310	45 gals Aluminum
1-29-24	117425	0.3	2.4	Rebar 1510-1520	43 gals Aluminum
1-31-24	117485	0.4	2.9	Rebar 1410	Aluminum
1-2-24	117545	0.3	3.2	Rebar 1210-1250	38 g

Rechar B15218 1155-1210

Ch full

Rechar B15218 1215-1231

60 + gals FR ↑ 5% to 20/15%

Rechar B15218 0855-0920

FR ↓ 5% 15/15%

Rechar B15218 1400-1415

Rechar B15218 1420-1435

closed Valves

4 Fire Hydrants

FR

Rechar B15218 1105-1115

50 gals

Deming 1530-1540

Sh Churn

Deming 1300-1310

45 gals Sh Churn

Deming 1510-1520

43 gals Sh Churn

Deming 1400-1410

Sh Churn

Deming 1240-1250

38 g

Shaw-Baker 1130 1130

Shaw-Baker 1900 1910

Shaw-Baker 1410 1420

load for 1 hour
revised values $\frac{1}{2}$

Shaw-Baker 1215 1225

Shaw-Baker 1630 1700

Shaw-Baker 1220 1230

Shaw-Baker 0950 1000

Shaw-Baker 1200 1215

29 gals

Shaw-Baker 1040 1050

Shaw-Baker 0940 0950

FR ↑ 5% to 20% Hard to read
Flow meter

Shaw-Baker 0935 1000

22 gals FR ↑ 5% set ~~5~~ 20% FR @ 45/20
Flushed tank reset setting dial running POE - 4.3

Shaw-Baker 0945 1000

FR ↑ 5% @ 10/15 19 gals can't read Q

16 Shaw-Baker 1000 1015

FR ↑ 20% to 15% 19 gals

3 Shaw-Baker 0955 1015

FR ↑ 6% to 14% flushed end cl 2.5 17 gals

5 Shaw-Baker 0930 0950

11 gals

Shelby 1522 1572

Shelby 1620 1650 ↓ KREO State - 45

Shelby 1330 1340

Shelby 1430 1438 ↑ FR

Shelby 1130 1132 ↑ FR

on Main Well
e, Exercised
r for 1 hour under
team of L
Horine

Shelby 1230 1240 ↑ FR

Shelby 1510 1522

Shelby 1610 1620

Shelby 1130 1132

Shelby 1225 1235 adjusted pr ↑

on tank of

Shelby 1315 1325

Shelby 1620 1630

Shelby 1340 1348

~~Sh Ch~~ 1212 1212 20

~~Sh Ch~~ 2012 2012

~~Sh Ch~~ 1800 1800

~~Sh Ch~~ 1230 1235 20g
 ch in service
 need Chlorine up
 FL

~~Sh Ch~~ 1020 1030

~~Sh Ch~~ 1320 1330 20g

is well to keep
 R Added Chlorine

~~Sh Ch~~ 1540 1550 Full

~~Sh Ch~~ 1520 1525

~~Sh Ch~~ 1150 1200

~~Sh Ch~~ 1030 1040

~~Sh Ch~~ 1530 1530

~~Sh Ch~~ 1600 1600

stroke, Repair and are
 boiled water notice 12

In Church 1600 1610

12

~~Church~~ 1030 1035

Adjusted pump + 0

25/10

In Church 1715-1725

4

~~Church~~ 1350 1355

In Church 1700 1710

In Church 1840

1850

In Church 1340-1350

In Church 1130 1130

LD

In Church

In Church

~~Church~~

400. In Church

logged for 1 hour
shed system
+ moved. JZ

ack on line
led air to Tank JZ

In Church 1700

1720

In Church

1710

Sh. Churn 1000 1010

13

run generator
exercised valves
8+9 J.L.

Chlorine
entry J.R.

Sh. Churn 1500 1510 ↑ FR

50

exercised valves J.R.

Sh. Churn 1000 1000 ↓ FR

Sh. Churn 1530 1540

Sh. Churn 1030 1040 ↓ FR

Sh. Churn 1030 1040 ↓ STARK 40-30

50

Sh. Churn 1500 1510

40

Sh. Churn 1170 1150

35

Sh. Churn 0930 0935

Sh. Churn 0900 0910

run under load
valves + cut grass

J.L.

Sh. Creek 1150 1300		55
Day 11:20 11:27 AM Sh. Creek		50
Sh. Creek 1420 1430		
Sh. Creek 1900 1910		
Sh. Creek 1000 1010		39
Sh. Creek 1200 1210		32
Day 01020 0135 Adjusted pump to 40/20		25
Sh. Creek 1140 1150		
Sh. Creek 1220 1230		13
Sh. Creek 1230 1240		18
Sh. Creek 1130 1140		4
Sh. Creek 1130 1140		60
Day 1710 1715 Adjusted pump to 15		50g
Sh. Creek 1000 1010 ↓ FR 15-10		45
Sh. Creek 1300 1310		35
Sh. Creek 1700 1710		
Sh. Creek 1810 1820		30

Full tank 1220-1230		27
Full tank 950-1000	↓ FR	140
Full tank 1015-1025		98
Full tank 1050-1100		60
Full tank 1020-1030		52
Full tank 1040-1050	↓ FR	98
Full tank 1100-1110		44
Full tank 1610-1620		
Full tank 0745-0750		35
Full tank 1050-1100		30
Full tank 950-1000		28
Full tank 1000-1010		22
Full tank 1200-1210		20
Full tank 1030-1040 1030-1051 am		60
Full tank		Full
or the under load	Exercise valves & flushed system	FL

1 Repair 1125-1145
 3 1120-1125
 Repair 1155-1210
 Repair 1140-1155
 Repair 1150-1205
 Repair 1230-1245
 Repair 1120-1135
 Repair 1145-1200
 Repair 1230-1250
 of Chlorine
 flushed system
 for P&H for 1 hour
 ? Repair 1340-1350
 Repair 1240-1300
 1 Repair 1200-1240
 3 Repair 1110-1130
 1 Repair 1145-1200
 1st power to whole
 building 0830-0840
 Repair 1255-1310
 Repair 1135-1155
 Repair 1150-1210

1st power 1230-1240

1st power 1700-1710

1st power 1300-1310

revised order of

per load for 1 hour

flushed 10 min
 running FRV for stack 15% to 90% 93-94 gal
 FRV stroke 15% to 75% 42.3.7.35
 FRV stroke 25% to 50% 40 gal
 running, flushed end 10 min
 flushed 10 min stroke 15% to 85 32-33 gal
 stroke 15% to 40% 20-22 gal
 FRV 10% stroke 30% flushed 5 min 23 gal
 FRV 23% running, need air in tank 25 gal
 running, flushed end 10 min 18 gal

AL

not running
 running again in gas flushed end 10 min full
 not running flushed end 10 min stroke 15% to 20% 20 gal
 running, flushed end 10 min 55 gal
 running, flushed end 10 min
 running, flushed end 10 min
 neighbor had lost pressure to tank
 put on boiled water notice and started generator for
 running, flushed end 10 min 40 gal
 running, flushed end 15 min 36-37 gal
 running, flushed end 15 min 32+

27

22

Flushed Hydrant 6+7
 Fire hydrant inspection Thursday

JL

Well and well have to replace pump JZ

Recharge 1050 1105

flushed end line 10 mins, running

85-90% fill

Recharge 1120 1135

flushed end line 10 mins, running

> 75%

Recharge 1130 1145

flushed 10 mins, running

3/4

exercised valves

JZ Chlorine delivery is on the 8th of every month

flushed end line 15-20 mins FRV 2-3%

> 1/2

Recharge 1050 1125

flushed end line 20 mins, running, safety check

> 1/2

Recharge 1205-1240

flushed end line 15 mins, injection point leak maintained

> 1/2

Recharge 1140 1200

flushed end 15 mins, running

> 1/2

Recharge 1230 1255

3-10-2023 Compliance inspection 11:15 AM

Exercised valves

Jacubine McCallister - JZ

at local hr JZ

Recharge 1145 1200

FRV 2-3%

60%

put on new system

added air to tank

Meta Box JZ

4+5

3-18-23 Compliance Visit - Jacubine M 10:30 AM

Recharge 1205 1225

flushed end line 15 mins, running, FRV 2%

> 1/2

Recharge 1050 1120

flushed end line 15 mins, running FRV 10%

> 1/2

Recharge 1215 12

flushed end line 15 mins FRV 5% stroke @ 0%

at 4/3 CHDE had to shut system down to repair. Under Boiled water notice

Recharge 1100 1110

running, flushed end line 10 mins

> 1/2

Recharge 1205-1205

flushed end line 15 mins, running adjusted residual

> 1/2

Recharge 1145 1225

flushed 5 mins chl, 10 mins li.

> 40%

Recharge 1210 1300

flushed 15 mins, running added 10 gals

< 1/4

Recharge 1000-1020

flushed end 20 mins, leaking @ fittings. new chlorine

Recharge 1200-1230

for Chlorine pump to go over new tank, need longer hose for suction side

Recharge 1245 1300

Robert you may have to adjust Chlorine

flushed tank

flushed end 10 mins, fittings gas leaking fixed

Recharge 1130-

lengthen suction tubing - primed

8 gals

est

CHDE shut down
 main, under boiler water notice
 at 123
 CHDE shut down
 repairs.
 after load 1hr 1/2

Main Well is down, running
 on back up well.

Dunham is in Process of replacing well
 > 60%

5 Repair 1055 1105	NOT RUNNING	
0 Repair 1040 1055	RUNNING	
4 Repair 1140 1150	NOT RUNNING	
0 Repair 1040 1055	RUNNING	flushed FR 13-5% (gas returned fixed full)
9 Repair 0950 1005	RUNNING	flushed endline 5mins 90%
1 Repair 1130 1140	RUNNING	FR 13%
8 Repair 1710 1720	RUNNING	FR 5% FR 13%
3 Repair 1035 1045	RUNNING	
3 Repair 1110 1125	NOT RUNNING	< 1/2 full
5 Repair 1035 1045	NOT RUNNING	> 3/4
3 Repair 1700 1725	RUNNING	> 3/4
2 Repair 1105 1120	just shut off.	
1 Repair 1050 1105	RUNNING	> 2/3
1 Repair 1100 1110	NOT RUNNING	> 2/3
1 Repair 1430 1440	RUNNING	
Repair 1050 1105	RUNNING	> 1/2
Repair 1110 1125	RUNNING	> 1/2
Repair 1040 1055	NOT RUNNING	flushed endline 5mins FRT 2-3%
2 Repair 1025 1045	Flushed endline 10mins, NOT RUNNING.	> 1/2
1 Repair 1130 1145	NOT RUNNING	> 1/2
2 Repair 1105 1125	flushed end line 10 mins, + tank flush fixed leak	full
Repair 1000 1045	leak AT injector point. maint notified	
3 Repair 1100 1110	RUNNING.	full
3 Repair 1040 1100	NOT RUNNING	95%
2 Repair 1055 1110	NOT RUNNING	90%
2 Repair 1105 1120	RUNNING, flushed end line 10mins	90%

witches so the 4" injector JX

well is the lead well + the 2" is backup well

Draw 1320 1330
 Draw 1030 1040
 Draw 1000 1030
 Draw 1300 1310
 Draw 1120 1135
 Draw 1350 1400

80% full

1/3

Full level 1010 1020

in tank 1330-1340

in tank 1040 1050

Full

flushed system, exercised motor under load JX

Regraw 1040 1050
 Regraw 1095 1110
 Regraw 1135 1145
 Regraw 1205 1215
 Regraw 1150 1210
 Regraw 1125 1140
 Regraw 1440 1450
 Regraw 1100 1115
 Regraw 1040 1050
 Regraw 1100 1110
 Regraw 1115 1125
 Regraw 1055 1105
 Regraw 1130 1140
 Regraw 1055 1110
 Regraw 0910 0950

90% full

FR ↓ 3-5% RG
 FR ↓ 3-5%

3/4
 > 2/3

Flushed tank made well turn on

Run well adjusted settings

Ran well, settings adjusted to 3/3% lowest possible

> 2/3
 > 1/2

well running

well running Fresh Ch

4/5
 1/3
 full

well running

not running

well running

FR ↓ 23%
 FR ↓ 23%

90+
 90%
 > 90%

st

117

9 Reflow 1145 1155
 1 Draw 1225 1235
 2 Draw 1045 1055
 3 Draw 1025 1035
 4 Draw 1210 1220
 5 Draw 1400 1410
 6 Draw 1345 1355
 7 Draw 1045 1105
 8 Draw 1050 1100
 9 Draw 1320 1330
 10 Draw to Tank
 11 Reflow 1255 1305
 12 Draw 1315 1325
 13 Washed inside of tank
 14 Jackie M. - Complaint 10:20 AM
 15 Draw 1105 1115
 16 Adjusted Valves, took
 17 Reflow 1315 1325
 18 Draw 0745 0755
 19 Reflow 1050 1110
 20 Reflow 1205 1215
 21 Draw 1315 1330
 22 Reflow 1730 1740
 23 Draw 1215 1225
 24 Draw 1100 1115
 25 Draw 1200 1210
 26 Draw 1125 1135
 27 Reflow 1055 1110
 28 Reflow 1255 1315
 29 Draw 1215 1225
 30 Reflow 1215 1225

FR ↓ 5% to 25% 25% delivered 1/3
 FR ↓ from 50% to 45% 95% full
 FR ↓ from 45% to 40% 95% full
 FR ↑ to 40% 40%
 FR ↓ to 40% 45%
 Pump running
 Pump running FR ↓ 5% to 35%

Flow meter working, FR ↓ from 30% to 25% Full

generator for repairs, Jackie advised.

power outage running on Gen
 FR 15% power on pump in wrong position line pinching
 prime Cl feeders, FR @ 30% 25% flushed tank

FR ↓ to 10% from 15%

delivered Cl
 FR ↓ 2-3% need to Reset setting going below zero, 90%

7 1/2
 1 1/2
 7 1/3
 4 1/3
 Full

rest

1 Recharge 1125-1135
 2 Draw 1115-1125
 3 Draw 1035-1045
 4 Draw 1135-1145
 5 Draw 1100-1110
 6 Recharge 1205-1215
 7 Draw 1400-1410
 8 Recharge 0955-1005
 9 Draw 1000-1010
 10 Draw 1225-1235
 11 Draw 1155-1205
 12 Draw 1150-1200
 13 Draw 1140-1150
 14 Recharge 1200-1210
 15 Recharge 1115-1125
 16 Recharge 1315-1325
 17 Recharge 1120-1130
 18 Draw 1000-1010
 19 Airline + air to tank
 20 Recharge 1200-1210
 21 Draw 1015-1030
 22 Shut system down
 23 Put meter back still
 24 w meter, under boiled
 25 Recharge 1155-1205
 26 Recharge 1100-1110
 27 Under Load for
 28 Recharge 1145-1155
 29 Draw 1245-1255
 30 Recharge 1145-1155

repaired gas tubing, cleaned feeders 110-12" with tank
 FRV 5% Fresh full Cl2

85-90% full

FRV 5% to 25%

7 1/2 full
 35-40% full
 7 1/3
 90% full
 1/4

FRT 5% to 30%

1/3

1/3
 1/4
 1/4

FRV to 20%

full

no flow recorded

Water notice. J R
 FRT 5% to 25%

95% full

1 hr J R

FRV 5% to 30%

5/8
 75-85%

2 sparrow 1220-1230
 2 sparrow 1320 1330
 2 sparrow 1300-1310
 2 sparrow 1320-1330
 2 sparrow 1315 1325
 2 sparrow 1635 1645
 2 sparrow 1305-1315
 2 sparrow 1220-1230
 2 sparrow 1300 1310
 2 sparrow 1225-1235
 2 sparrow 1150 1200
 2 sparrow 1215 1225
 2 sparrow 1100 1110
 2 sparrow 1015-1025
 2 sparrow 1050 1100
 2 sparrow 1110 1120
 2 sparrow 1000 1010
 2 sparrow 1630 1640
 2 sparrow 1110 1120
 2 sparrow 1320 1330
 2 sparrow 1045-1100
 2 sparrow 1030 1040
 2 sparrow 1330 1340
 2 sparrow 1035 1045
 2 sparrow 1045-1055
 2 sparrow 1030-1045
 2 sparrow 1210-1220
 2 sparrow 1220 1230
 2 sparrow 1025-1035
 2 sparrow 1130 1105
 2 sparrow 1300 1310
 2 sparrow 1055 1105
 2 sparrow 1135 1145

fresh clz full
 FR ↓ from 100/40% to 100/30%
 FR ↑ to 100/40%

leaving FR where it's at. 5/6

FR ↓ to 35%

FR ↑ 40%

FR ↑ 50%

clz feeding

fresh clz

3 1/2
6-8"

full

FR ↓ to 45% from 50%

FR ↓ to 40% from 45%

1 FR ↓ to 35%

1/3 full

50%

1/4
Full

FR ↓ to 25 from 35%

FR ↑ to 50/30% Flushed tank & End of L.

FR to 33% POE 5.8

FR to 40%

FR ↓ to 37-38%

Time

111

5
1215-1225

1245 1250

1100 1105

1150-1200

Run Generator under load for 1 hr. - J.L.

1205-1215

1115-1125

1005-1015

1140-1150

1010-1020

1115-1125

1035-1045

1050-1100

1045-1055

1110-1120

1055-1105

1125-1135

1045-1055

1100-1110

0945-0955

0910-0920

1005-1015

1055-1105

1035-1045

1105-1115

0950-1000

0930-0940

1000-1010

1000-1010

1100-1110

1525-1535

1000-1010

1110-1120

FR $\downarrow$ 40% - 35%
FR $\downarrow$ 35% - 30%

$\frac{1}{4}$
 $-\frac{1}{4}$

FR $\uparrow$ 30% - 35%

$\frac{1}{8}$
 $\frac{3}{4}$
 $\frac{3}{4}$

Cl₂ FR down from 80-85% to 80-30%
fresh Cl₂ delivered *

FR $\downarrow$ 80% - 70%

$\frac{3}{4}$

FR $\downarrow$ 50/30% from 60%/30%

35 gals
31-32 gals

FR $\uparrow$ 50/40%

approx 25

less $\frac{1}{3}$
approx $\frac{1}{4}$

GST 3/4 psi 40 Area-o.k. Chlorine Tank 2/3

✓ 1150-1200
 ✓ 1135-1145
 ✓ 1035-1045
 ✓ 1645-1655
 ✓ 1120-1130
 ✓ 1115-1125
 ✓ 1120-1130
 ✓ 1050-1100
 ✓ 1735 1745

✓ 1145-1155
 ✓ 1330-1340
 ✓ 1030-1040
 ✓ 1120-1130
 ✓ 1190-1150
 ✓ 1040-1050
 ✓ 1105-1115
 ✓ 1645-1655
 ✓ 1035-1045
 ✓ 1130-1140
 ✓ 1140-1150

✓ 1115-1125
 ✓ 1120-1130
 ✓ 1055-1105
 ✓ 1135-1145
 ✓ 1125-1135

hour flushed
 all valves and added air to tank. fL
 ✓ 1040-1050

✓ 1050-1055
 ✓ 1125-1135
 ✓ 1110-1120
 ✓ 1040-1050
 ✓ 1000 1hr fL

FR ↓ to 40%

+

10:15 AM -

- 1815-1825
- 1205-1215
- 0955-1005
- 0910-0920
- 1040-1050
- 1200-1210
- 1205-1215
- 1130-1140
- 1155-1205
- 1520-1530
- 1130-1140
- sten, exercised
- 1135-1145
- 1100-1110
- 0925-0935
- 1110-1120
- 1635-1645
- 1030-1040
- 0935-0945
- 1135-1145
- 1520-1530
- 0940-0950
- 1120-1130
- 1630-1640
- 1030-1040
- 1250-1300
- 1120-1130

CL² tank full

FA ↑ 35% - 40%

25f

Chkd 0935-0945

Chkd 1045-1055

Chkd 1135-1145

Chkd 1045-1055

Chkd 1040-1050

1 hour under

system flushed

Chkd 1525-1535

Chkd 0845-0855

Chkd 1140-1150

Chkd 1830-1840

Chkd 1150-1200

Chkd 1140-1150

Chkd 1120-1130

st Star Terrace

around fire hydrant well

Chkd 1010-1020

Chkd 1010-1020

Chkd 1020-1030

Chkd 1050-1100

Chkd 1050-1100

Chkd 0945-0955

Chkd 1000-1010

Chkd 1120-1130

Chkd 1400-1410

replaced valves

Hgt put vacuum

Chkd 1035-1045

Chkd 1000-1010

Chkd 1100-1110

Chkd 0940-0950

Chkd 1130-1140

Repaired CL2 leak
S/R $\uparrow$ 60%-70%

JR

Chkd

FR $\uparrow$ 15%-20% Chkd

+
 Chk 1120-1130
 Pwr 0930-0940
 Lvh 0900-0910
 m exercised valves
 for 1 hour & Changed Oil fR
 Lvh 1000-1010
 Lvh 1015-1025
 Lvh 1145-1155
 Lvh 0945-0955
 Lvh 1145-1155
 Lvh 0910-0920
 Lvh 1045-1055
 Lvh 1105-1115
 Lvh 1000-1010
 Lvh 1030-1040
 Lvh 1135-1145
 Lvh 1020-1030
 Lvh 1045-1055
 Lvh 1120-1130
 Lvh 1110-1120
 Lvh 1105-1115
 Lvh 1525-1535
 Lvh 0930-0940
 Lvh 1100-1110
 Lvh 1125-1135
 Lvh 1135-1145
 Lvh 1110-1120
 Lvh 1150-1200
 Lvh 1145-1155
 Lvh 1145-1155
 Lvh 1010-1020
 Lvh 1100-1110
 Lvh 1135-1145

VL 1115-1125
 VL 1125-1135
 VL 1115-1125
 VL 1100-1110

hour under load
 & system

VL 1040-1050
 VL 1125-1135

VL 1145-1155

VL 1130-1140

VL 1025-1035

VL 1120-1130

motor flushed system

VL 0935-0945

VL 1020-1030

VL 1015-1025

VL 0930-0940

VL 1140-1150

VL 1050-1100

VL 1415-1425

VL 1115-1125

VL 1055-1105

VL 1115-1125

VL 1110-1120

VL 1125-1135

VL 1115-1125

VL 0850-0900

VL 1415-1425

VL 1135-1145

VL 1130-1140

VL 1035-1045

VL 1105-1115

FR $\uparrow$ 50%-60%

Exercised Valves JK

FR $\uparrow$ 65%-70%

J
 1000-1010

1110-1120
 ed valves, added air
 for an hour under load

1105-1115
 1200-1210

1620-1630
 1205-1215

1110-1120

1120-1130

1035-1045

0745-0750
 1125-1135

em, run generator
 and exercise valves

1100-1110

1435-1445

1115-1125

1120-1130

1030-1040

1100-1110

1225-1235

0955-1005

hour under load
 shed Tank & System

1015-1025

1110-1120

0945-0955

1110-1120

1120-1130

0925-0935

1010-1020

FR ↑ 45%-50%

112

FR ↑ 50%-60%

added air to tank FR

Repaired CL² leak

1045-1055
 1145-1155
 1215-1225
 1125-1135
 1120-1130
 1145-1155
 the water level
 flushed system JR
 1155-1205
 1025-1035
 1005-1115
 1045-1055
 1105-1115
 1140-1150
 1140-1150
 1200-1230
 1200-1210
 1145-1155
 1155-1205
 0840-0850
 1200-1210
 1215-1225
 1130-1140
 used valves and run generator for 1hr JR
 1030-1040
 1040-1050
 1140-1150
 1120-1130
 1130-1140
 1125-1135
 1130-1140
 0935-0945
 0945-0955

FR 7 40-45

151
 1040-1050
 claim injection excels
 contractor for 1 JF
 1045-1055
 1010-1020
 1120-1130

FA ↓ 40% - 35%

2/3
 1/2
 1/2

1020-1030
 1030-1040

1120-1135
 1120-1130
 1105-1115
 1110-1120
 1220-1230
 1040-1050
 1010-1020
 1110-1120

Cleaned P.O.E, Flush Tank cells
 etc

1010-1025
 1025-1035
 1155-1205
 1110-1120
 1105-1115
 1150-1200
 1115-1125
 1200-1210
 1100-1110
 1105-1125
 1125-1135
 1005-1020
 1120-1130
 1110-1120
 1540-1555

FR ↑ to 45%

Cleaned injection

Dr. 1040-1050

FR $\downarrow$ 15% - 12%

Full

Dr. 1035-1145

er local for 1 hour
e inspected, we did around Fire Well J.R.

Dr. 1100-1110

FR $\uparrow$ 12% - 15%

Dr. 1150-1200

FR $\downarrow$ 15% - 10%

Dr. 1120-1130

Dr. 1225-1235

Dr. 1045-1055

Dr. 1130-1140

Dr. 1010-1020

Dr. 1030-1040

Dr. 1010-1030

Dr. 1030-1040

Exercised valves, added

Dr. 1240-1250

Dr. 1545-1555

Dr. 1510-1520

an generator under

Dr. 1630-1640

Dr. 1205-1215

Dr. 1100-1115

Dr. 1010-1020

Dr. 1030-1040

Dr. 1115-1125

Dr. 1215-1225

Dr. 1045-1055

Dr. 1115-1125

Dr. 1200-1220

Dr. 1150-1200

Dr. 1110-1120

air to tank, replaced 2 dead meters J.R.

Full
7/6

load for 1 hour. Power on 11:00 pm J.R.

Dr. 1630-1640
* FR 50-55

FR $\uparrow$ 30% - 40%

2/3

FR $\downarrow$ 40% - 35%

1/2 1/4

bed Tank & system, Exercised Valves 1/2

Op wh 1055-1105 5 stroke $\uparrow$ 30%-40%
Op wh 1025-1035 5 stroke $\uparrow$ 40%-100%

Op wh 1215-1225

Op wh 1030-1040

Op wh 1040-1050

Op wh 1110-1120

Op wh 1035-1045

Op wh 0840-0858

1 hour under load

Op wh 1050-1100

Op wh 1035-1045

Op wh 1035-1045

Op wh 1040-1050

all, shut off main well

for repair. Turned on back up well. Under loaded

red flange & pipe on

Op wh 1230-1240

Op wh 0930-0940

Op wh 1015-1025

Op wh 1140-1150

Op wh 1050-1100

Op wh 1150-1200

all for 1 hour. Exercised

Op wh 1255-1305

Op wh 0955-1005

Op wh 0955-1005

Op wh 1545-1555

Op wh 1020-1030

Op wh 1140-1150

exercised valves, added

Op wh 1050-1100

air to tank 1/2

5 stroke $\downarrow$ 100%-20% 1/2

FR $\uparrow$ to 20%

FR $\downarrow$ 20%-17%

FR $\downarrow$ 17%-15%

& flushed system, exercised valves

main well, flushed system, water back on 11:00am

Full

checked Chlorine + Exercised Valves flushed system 2/3

FR $\downarrow$ 15%-10%

FR $\uparrow$ 10%-20%

125T

Chpt 1030-1048

Chpt 1035-1045

Chpt 1100-1110

Chpt 1035-1045

Chpt 1040-1050

Jem exercise valves

FR ↑ 30%

EM FR ↓ 30%-20%

Chpt 1100-1110

FR ↑ 20%-25%

Chpt 1040-1050

Chpt 1040-1050

Chpt 1005-1015

Chpt 1130-1140

Chpt 1040-1050

hour under load

Flushed System Exercised Valve dR

Chpt 1050-1100

Chpt 1105-1115

FR ↓ 25%-15%

System exercise valves EM

Chpt 1100-1110

1100-1110 ↓ FR 20-10

50%

Chpt 1050-1055

930 ↓ 5 40-37

Chpt 1110-1120

Stroke ↓ 30%-20%

System exercise valves EM

Chpt 1115-1125

Chpt 1040-1050

Fuel)

Chpt 1045-1055

System pointed Fire Hydrants dR

Chpt 1040-1050

Chpt 1105-1115

Chpt 1020-1030

Chpt 1015-1025

Chpt 0920-0930

Chpt 0955-1005

Chpt 1025-1035

Chpt 1015-1025

Stroke ↑ 20%-30%

112

830 830
 1500 1810
 1500 1572
 1315 1325
 1540 1550
 000 under load 7/2
 1500 1500

920 920
 0920 920
 1330 1330
 730 730
 935 935
 1438 1440
 1320 1330
 0930 940
 1005 1010

1000-1010
 1100-1110
 1225-1235
 1545-1555
 1045-1055
 1105-1115
 1145-1155
 1105-1115
 0950-1000
 1055-1105
 1040-1050
 1055-1105
 1000-1010
 1005-1015
 1110-1120
 0920-0930
 1000-1010

↓ FR 20-10
 55

55

50

FR ↑ 15% - 20% 40
 FA ↑ 20% - 30%

FR ↓ 30% - 25%

FR ↓ 25% - 20%
 FR ↓ 20% - 15%

FA ↑ 15% - 20%

55

255 ~~1825~~ 1825 Peak system 95% 1/2

2.8 B1050-1100

1 B2030-2040

Amtrak 810-820

Amtrak 950-1000

Amtrak 1700-1710

Amtrak 0840-900

Amtrak 850-860

Amtrak 1505-1515

Amtrak 2140-2150

Amtrak 1107-1117

Amtrak 1530-1540

Amtrak 950-960

Amtrak 1129-1141

Amtrak 750-800

Amtrak 1118-1120

Amtrak 620-630

Amtrak 0730-740

Amtrak 700-710

Amtrak 0730-740

Amtrak 1100-1110

Amtrak 1340-1350

Amtrak 1712-1722

Amtrak 1030-1050

Amtrak 0740-750

Amtrak 1330-1340

Amtrak 1730-1800

Amtrak 0830-840

Amtrak 1010-1020

Amtrak 1000-1030

Amtrak 1030-1040

Amtrak 800-810

↓ FR 40-20

55

35

2/3

1/2

7/8

1/2

for lunch 0720-730
 for food for 1 hour
 on JR

for lunch 750 800
 for lunch 750-800
 for lunch 1530 1540
 for lunch 1330 1340
 for lunch 1650 1700
 for lunch 2030 2040
 for lunch 905-930
 for lunch 1030 1040
 for lunch 1700 1710
 for lunch 0735 745
 for lunch 1010 1025
 for lunch 1810 1820
 for lunch 0945-0955
 for lunch 1520 1530
 for lunch 1530 1540
 for lunch 0850 900
 for lunch for 1 hr JR
 for lunch 1612 1622
 for lunch 1500 1510
 for lunch 0740 0750
 for lunch 2100-2110
 for lunch 1900 1910
 for lunch 530-540
 for lunch 1500-1510
 for lunch 950 10 00
 for lunch 1900 1910
 for lunch 1130 1140
 for lunch 0810 820
 for lunch 0850 900

Am. Church	900	910
Am. Church	1015	1025
Church	1330	1340
Church	1520	1575
Church	1000	1010
Church	1255	1300
Church	0734	740
Church	1000	1010
Church	1040	1050
Church	1412-1700	
Church	1300-1370	
Church	1015-1030	
Church	1220 163	
Church	0805-815	
Church	1650-1700	
Church	1220 1230	
Church	1300-1400	
Church	1000-1200	
Church	1000-1070	
Church	0740-750	
Church	1450 1500	
Church	1300 1510	
Church	1412-1430	
Church	1100 1110	
Church	1600 1610	
Church	730-740	
Church	940-950	
Church	910-920	
Church	890-930	
Church	1115-1125	
Church	1425-1435	
Church	1830-1850	
Church	0815-822	

Sampled BAL-T

80%

Churn 900 910

Churn 0720-730

Churn 0700-710

Churn 1820-1830

Churn 0720-730

Churn 1100 1110

Churn 0800-810

Churn 1115-1125

Injection added air
is under load. JR

Churn 0700-710

Churn 0730 740

Churn 1840-1850

Churn 1730 1800

Churn 0620 630

Churn 1720 1730

Churn 800-810

Churn 0830 900

Churn 0900-910

Churn 0800-830

Churn 0700 710

Churn 0700-710

Churn 1800 1830

Churn 0705-712

Churn 0715-725

Churn 1800 81

Churn 1100 1110

CRATOR OFF 4" LINE BETWEEN TANK &
#1 WELL DRILL APART.

Churn 1630-1700

Churn 1120 1130

Churn 1000-1010

Churn 0820 830

0.7 1.2 C/Tak
 0.5 1.0 C/Tak
 0.8 1.4 C/Tak
 Fuel tank 0850 300
 Fuel tank 0920 730
 Fuel tank 0930 0940
 Fuel tank 0825 085
 Tak 0900-0910
 Air under load
 led air to tank JR
 Tak 0820-0830
 Fuel tank 1030 1040
 Fuel tank 950 1000
 Fuel tank 0915-0925
 Fuel tank 0910-0920
 Fuel tank 0920-0930
 Fuel tank 0935-0945
 Fuel tank 0850-0900
 Fuel tank 0830 830
 Fuel tank 1525-1535
 Fuel tank 0850-0900
 Fuel tank 0955-1005
 Fuel tank 0900 900
 Fuel tank 1100-1110
 Fuel tank 0930 930
 Fuel tank 1120 1110
 Fuel tank 0810 0820
 Fuel tank 800-810
 Fuel tank 0730 730
 Fuel tank 0740 740
 Fuel tank 0920 730
 Fuel tank 1520 1530

55

30

1.7 1.0 Scotty By
 1.4 .40 Scotty By
 1.7 .50 Scotty By
 1.0 1.0 Sh Church
 0.4 1.5 Sh Church
 1.5 1.0 Sh Church
 0.4 1.4 Sh Church
 0.5 1.3 Sh Church
 0.3 1.2 Sh Church
 0.4 1.5 Sh Church
 0.3 1.5 Sh Church
 0.5 1.2 Sh Church
 0.8 1.1 Sh Church 3 798.3
 1.0 1.5 Sh Church
 0.6 1.3 Sh Church
 0.4 1.4 Sh Church
 0.7 1.4 Sh Church
 1.0 1.5 Sh Church
 0.5 0.1 Sh Church
 0.5 1.0 Sh Church
 0.5 0.6 Sh Church
 1.0 0.5 Sh Church
 1.0 1.0 Sh Church
 0.7 0.4 Sh Church
 3.5 3.0 Sh Church
 0.6 1.5 Sh Church
 0.7 1.5 Sh Church
 0.8 1.2 Sh Church
 0.5 1.2 Sh Church
 0.6 1.1 Sh Church
 0.5 1.1 Sh Church
 0.8 1.3 Sh Church
 0.5 1.4 Sh Church

375 1.0 .24

5489 1.0 .07

489 1.1 .7

98 1.2 .07

2.4 1.9 *Shimmer*

1.0 1.3 *Shimmer*

41 .20 *John Sample Bacti*

.43 .20

1 0.4 1.5 *Shimmer*

0.6 1.4 *Shimmer*

0.4 1.2 *Shimmer*

0.5 1.3 *Shimmer*

1.0 1.7 *Sally R*

1.0 1.3 *Sally R*

3.3

.30 3.0 *Sally R*

1.2-1.0 *Shuff*
 1.0 0.5 *Shuff*
 1.2 0.8 *Shuff*
 1.0 0.7 *Shuff*
 1.4 1.5 *Shuff*
 on point, added
 for 30 min.
 k JR

1.6 1.8 *Shuff*
 gets cut grass JR
 1.5 *Shuff*
 1.2 1.2 *Shuff*
 1.7 *Shuff*
 1.5 *Shuff*
 3 1.5 *Shuff*
 4 1.0 *Shuff*
 5 1.0 *Shuff*
 0.5 *Shuff*
 4 1.5 *Shuff*
 1.0 0.7 *Shuff*
 1.4 1.0 *Shuff*
 1.3 1.2 *Shuff*
 0.5 *Shuff*
 1.5 1.0 *Shuff*
 1.0 0.7 *Shuff*
 94 1.86 *Shuff* Back Samples for Clearance
 2.2 1.8 *Shuff*
 2.2 1.9 *Shuff*
 a load for Thour
 100, Exercised Valves JR
 0.3 2.1 *Shuff*
 0.3 1.7 *Shuff*

1000 gals

3.4 - 2.1 *new*
3.9 - 3.0 *new* flush system ↓ 5% cl₂
2.1 - 1.7 *new*1.5 - 1.2 *new*1.8 - 0.9 *new*1.8 - 1.0 *new*1.7 - 1.2 *new*4 - 0.9 *new*1.7 - 0.3 *new*6 - 0.9 *new*9 - 1.0 *new*1.1 1.8 *new* Sample Bacti1.0 - 1.6 *new*1.6 - 1.0 *new*1.5 - 1.0 *new*1.4 - 1.0 *new*1.4 - 1.0 *new*1.5 0.3 *new*2.83 *new* Sample Bacti1 - 0.7 *new*5 - 0.9 *new*2 - 0.8 *new*4 - 0.3 *new* 75% flush system 1.2 - 0.6 *new*1.0 0.9 *new*2 - 0.9 *new*

a generator

Tank 50 gals

1.7 - 0.9 *new*1.9 - 0.8 *new*Chlorine and
stem & Tank 1000 gals

Chun

Sample bacti 7 FR 30/40

Sample Bacti

A