

## **APPENDIX B**

### **PACEVILLE**

- A. SIMPLE MAP OF SYSTEM SHOWING  
THE LOCATION OF EACH WELL,  
WITH WELLS IDENTIFIED**

**FILED CONFIDENTIALLY**

**APPENDIX B**

**PACEVILLE**

**B. DEH/PWSS APPROVAL LETTER  
FOR EACH WELL**

DEPARTMENT OF HUMAN RESOURCES  
DIVISION OF HEALTH SERVICES  
RALEIGH

July 2, 1976

RECEIVED  
JUL 9 1976  
WATER SUPPLY BRANCH  
REGION III

Mr. Thomas L. Bailey  
Route 7  
Raleigh, North Carolina 27604

Re: Water System  
Fayetteville Subdivision  
Johnston County, N.C.  
SBH Serial No. 841A

Dear Mr. Bailey:

We have reviewed our files on reference and find that we made a typographical error in our letter of approval to you dated May 5, 1972.

Our letter of approval should have been for 27 connections instead of 17 connections.

We apologize for any inconvenience this error may have caused. We respectfully request that the recipients of this letter correct their records accordingly.

If we can be of further assistance to you, do not hesitate to call on us.

Very truly yours,

*Marshall Staton*  
Marshall Staton, Chief  
Sanitary Engineering Section

cc: Mr. M. P. Bell  
✓ Mr. W. E. Venrick  
Johnston County Health Department  
Mr. L. K. Barger, P.E.  
Mr. Dave Greasy

OFFICIAL COPY

Mar-01-2023

15

JACOB KOOMEN, M.D., M.P.H.  
STATE HEALTH DIRECTOR  
AND SECRETARY-TREASURER



W. BURNS JONES, JR., M.D., M.P.H.  
ASSISTANT STATE HEALTH DIRECTOR

Joseph S. Hiatt, Jr., M.D.  
Southern Pines

J. M. Lackey  
Hiddenite

Paul F. Maness, M.D.  
Burlington

Ernest A. Randleman, Jr., B.S.Ph.  
Mount Airy

Jesse H. Meredith, M.D.  
Winston-Salem

James J. Raper, M.D.  
President  
Asheville

Lenox D. Baker, M.D.  
Vice-President  
Durham

Charles T. Barker, D.D.S.  
New Bern

Ben W. Dawsey, D.V.M.  
Gastonia

NORTH CAROLINA

STATE BOARD OF HEALTH

P. O. BOX 2091  
RALEIGH, NORTH CAROLINA 27602

May 5, 1972

Mr. Thomas L. Bailey  
Route 7  
Raleigh, North Carolina 27604

Re: Water System  
Paceville Subdivision  
Johnston County, N. C.

Dear Mr. Bailey:

Plans for the referenced project, submitted to this office by Lynn K. Barger, P.E. have been reviewed by the engineers of this Division. The plans call for a well, well house, chlorinator, 3,000 gallon hydropneumatic storage facilities with air volume controls, 3-inch distribution piping, valves and other appurtenances to serve 17 connections. These plans are hereby approved under State Board of Health serial number 8414 dated May 5, 1972.

27 Conn. see H.C. date 7-2-76  
One copy of the "Application for Approval..." on which approval has been granted is enclosed together with one copy of the plans bearing the State Board of Health stamp of approval. The second set of approved documents is being forwarded to the Johnston County Health Department. The third set is being retained in our permanent files.

If we can be of further service to you, do not hesitate to call on us.

Very truly yours,

*Marshall Staton*  
Marshall Staton, Director  
Sanitary Engineering Division

Enclosures

cc: Mr. M. P. Bell  
Johnston County Health Dept.  
Mr. L. K. Barger  
Mr. Dave Creasy

OFFICIAL COPY

Mar 01 2023



**Division of Environmental Health**

Terry L. Pierce, Director

**Public Water Supply Section**

Jessica G. Miles, Section Chief

W-218 Sub 526A

Aqua's Eighteenth Semi-Annual Report

State of North Carolina

Michael F. Easley, Governor

Department of Environment  
and Natural Resources

William G. Ross, Secretary

December 27, 2006

Mr. Reid Campbell, P.E.  
Director, Engineering / Compliance  
Aqua North Carolina  
202 Mackenan Court  
Cary, North Carolina 27511

Ref: Well Water System Chemical Treatment  
PACEVILLE  
PWS ID: 03-51-141

Dear Mr. Campbell:

Based on the information provided, this office has updated record for the chemicals used for the referenced well water system as described below:

Well Number: 1  
Entry Point: W19  
Chemical(s) Used: C2, PO4, NaOH

If you have any questions please call us (919) 733-2460 or visit our web site at <http://ncdrinkingwater.state.nc.us/>

Sincerely

Tony C. Chen, P.E.  
Lead Engineer, Plan Review  
Technical Services Branch

TCC/OU/db

cc: Regional Engineer

## **APPENDIX B**

### **PACEVILLE**

#### **C. ORIGINAL INORGANIC ANALYSIS FOR EACH WELL SUBMITTED TO DEH FOR WELL APPROVAL**

## CHEMICAL & ENVIRONMENTAL TECHNOLOGY, INC.

P.O. Box 12298  
Research Triangle Park, NC 27709

Telephone (919) 467-3090  
Fax (919) 467-3515

### INORGANIC CHEMICAL ANALYSIS

LABORATORY ID#: 37724  
 WATER SYSTEM ID#: 03-51-141 COUNTY: Johnston  
 NAME OF SYSTEM: Dacwice  
 SAMPLE TYPE: E (E=Entry Point; S=Special/Non-compliance)  
 COLLECTED ON: DATE 6-12-97 (MM/DD/YY) TIME 10:00 M (HH:MM AM or PM)  
 LOCATION WHERE COLLECTED: Tank (after treatment)  
 LOCATION CODE: W19 Collected By: [Signature]  
 MAIL RESULTS TO:

FISHER UTILITIES, INC.  
P. O. BOX 40626  
RALEIGH, N. C. 27629  
 TELEPHONE # (919) 876-1097

TYPE OF SYSTEM:  
 COMMUNITY     ADJACENT  
 NTNC     CAMPGROUND  
 NON-COMMUNITY  
 PRIVATE

WATER SOURCE(S):  
 GROUND  
 SURFACE  
 PURCHASED

CONTAM CODE	NAME	METHOD CODE	RESULTS	ALLOW. LIMITS
1005	ARSENIC, mg/l	125	<0.005	0.050
1010	BARIUM, mg/l	169	0.016	2.000
1015	CADMIUM, mg/l	125	<0.001	0.005
1020	CHROMIUM, mg/l	169	<0.005	0.100
1024	CYANIDE, mg/l	148	<0.005	0.200
1025	FLUORIDE, mg/l	107	0.1	4.000
1028	IRON, mg/l	169	0.06	0.300
1032	MANGANESE, mg/l	169	0.104	0.050
1035	MERCURY, mg/l	119	<0.0002	0.002
1036	NICKEL, mg/l	169	0.02	N/A
1045	SELENIUM, mg/l	125	<0.002	0.050
1052	SODIUM, mg/l	169	8.7	N/A
1055	SULFATE, mg/l	173	8	N/A
1074	ANTIMONY, mg/l	125	<0.002	0.006
1075	BERYLLIUM, mg/l	169	<0.002	0.004
1085	THALLIUM, mg/l	125	<0.001	0.002
1925	pH, units	135	7.08	>6.5

TYPE TREATMENT:  
 NONE  
 CHLORINATED  
 FLUORIDATED  
 FILTERED  
 ALUM  
 LIME  
 SODA ASH  
 CAUSTIC  
 WATER SOFTENER  
 POTASSIUM PERMANGANATE  
 PHOSPHATE, IRON CONTROL  
 PHOSPHATE, MANG. CONTROL  
 PHOSPHATE, CORR. CONTROL  
 OTHER

**LABORATORY NOTE:**

A result preceded by the "less than" symbol must be less than or equal to the detection limit.

( ) SAMPLE UNSATISFACTORY    ( ) RESAMPLE REQUESTED

Date Analyses Begun: 06/26/97  
 Date Analyses Completed: 07/08/97  
 Laboratory Log #: 1312100

Time Analyses Begun: 12:30 PM  
 Time Analyses Completed: 05:00 PM  
 Certified By: [Signature]

**COMMENTS:**

Beck in Lab: C. Barber  
off 6/26/97  
2:40 pm  
for CN<sup>-</sup> NH<sub>4</sub><sup>+</sup> → 30 ppm for metals  
\* Beck'd 3 containers on ice, sample prep in lab - 1 container prep with HNO<sub>3</sub> 1 sample container

**APPENDIX B**

**PACEVILLE**

**D. ALL INORGANIC ANALYSES FROM EACH WELL AT THE  
WELLHEAD FOR THE LAST SIX YEARS**



Environmental Conservation Laboratories, Inc.  
102-A Woodwinds Industrial Court  
Cary, NC 27511  
Ph: (919) 467-3090 Fax: (919) 467-3515



www.encolabs.com

INORGANIC CHEMICAL ANALYSIS

WATER SYSTEM ID #: 03-51-141 County: Johnston

Name of Water System: PACEVILLE

Sample Type:  Entry Point  Special/Non-compliance

Location Where Collected: Well: 1(IOC) - PACEVILLE(411) - BROWNS POND ROAD

Facility ID No: P01

Location Code: W19

Collected By: KEN LANGSTON

Collection Date	Collection Time
01/12/21	08:10 am

Mail Results to:

Aqua NC - Cary (AQ002)

Attn: Lynn Primrn

202 MacKenan Court

Cary, NC 27511

Phone #: 919-653-5777

Fax #: 0 -

LABORATORY ID #: 37724

SAMPLE UNSATISFACTORY

RESAMPLE REQUIRED

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e < R.R.L.) (X)	QUANTIFIED RESULTS*	ALLOWABLE LIMIT
1005	Arsenic	200.8	0.005 mg/L	X	mg/L	0.01 mg/L
1010	Barium	200.8	0.4 mg/L	X	mg/L	2 mg/L
1015	Cadmium	200.8	0.001 mg/L	X	mg/L	0.005 mg/L
1020	Chromium	200.8	0.02 mg/L	X	mg/L	0.1 mg/L
1024	Cyanide (total)	335.4	0.05 mg/L	X	mg/L	0.2 mg/L
1025	Fluoride	300.0	0.1 mg/L	X	mg/L	4 mg/L
1028	Iron	200.7	0.06 mg/L	X	mg/L	0.3 mg/L
1032	Manganese	200.8	0.01 mg/L		0.158 mg/L	0.05 mg/L
1035	Mercury	245.1	0.0004 mg/L	X	mg/L	0.002 mg/L
1036	Nickel	200.8	0.1 mg/L	X	mg/L	N/A
1045	Selenium	200.8	0.01 mg/L	X	mg/L	0.05 mg/L
1052	Sodium	200.7	1 mg/L		18.8 mg/L	N/A
1055	Sulfate as SO4	300.0	5 mg/L		13 mg/L	250 mg/L
1074	Antimony	200.8	0.003 mg/L	X	mg/L	0.006 mg/L
1075	Beryllium	200.8	0.002 mg/L	X	mg/L	0.004 mg/L
1085	Thallium	200.8	0.001 mg/L	X	mg/L	0.002 mg/L
1925	pH	4500H-B	N/A	N/A	8.0 units	6.5-8.5 units

\*Note: Except for Iron and Manganese, if result exceeds allowable limit, the laboratory must fax analytical results to the State within 48 hours.

	DATE:	TIME:
ANALYSES BEGUN:	01/13/2021	10:24 am
ANALYSES COMPLETED:	01/19/2021	3:41 pm

Laboratory Log #: CD18719-01

Certified By: Bill Scott Bill Scott

COMMENTS:

Environmental Conservation Laboratories, Inc.  
102-A Woodwinds Industrial Court  
Cary, NC 27511  
Ph: (919) 467-3090 Fax: (919) 467-3515



www.encolabs.com

## INORGANIC CHEMICAL ANALYSIS

WATER SYSTEM ID #: 03-51-141 County: Johnston

Name of Water System: PACEVILLE

Sample Type:  Entry Point  Special/Non-compliance

Location Where Collected: Well: 1(IOC) - PACEVILLE(411) - BROWNS POND ROAD

Facility ID No: P01

Location Code: W19

Collected By: KEN LANGSTON

Collection Date

Collection Time

01/23/18

04:30 pm

Mail Results to:

Aqua NC - Cary (AQ002)

Attn: Mark English

202 MacKenan Court

Cary, NC 27511

Phone #: (919) 653-5779

Fax #: () -

LABORATORY ID #: 37724

 SAMPLE UNSATISFACTORY RESAMPLE REQUIRED

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (i.e < R.R.L.) (X)	QUANTIFIED RESULTS*	ALLOWABLE LIMIT
1005	Arsenic	200.8	0.005 mg/L	X	mg/L	0.01 mg/L
1010	Barium	200.8	0.4 mg/L	X	mg/L	2 mg/L
1015	Cadmium	200.8	0.001 mg/L	X	mg/L	0.005 mg/L
1020	Chromium	200.8	0.02 mg/L	X	mg/L	0.1 mg/L
1024	Cyanide (total)	335.4	0.05 mg/L	X	mg/L	0.2 mg/L
1025	Fluoride	300.0	0.1 mg/L	X	mg/L	4 mg/L
1028	Iron	200.7	0.06 mg/L	X	mg/L	0.3 mg/L
1032	Manganese	200.8	0.01 mg/L		0.181 mg/L	0.05 mg/L
1035	Mercury	245.1	0.0004 mg/L	X	mg/L	0.002 mg/L
1036	Nickel	200.8	0.1 mg/L	X	mg/L	N/A
1045	Selenium	200.8	0.01 mg/L	X	mg/L	0.05 mg/L
1052	Sodium	200.7	1 mg/L		15.4 mg/L	N/A
1055	Sulfate as SO4	300.0	5 mg/L		12 mg/L	250 mg/L
1074	Antimony	200.8	0.003 mg/L	X	mg/L	0.006 mg/L
1075	Beryllium	200.8	0.002 mg/L	X	mg/L	0.004 mg/L
1085	Thallium	200.8	0.001 mg/L	X	mg/L	0.002 mg/L
1925	pH	4500H-B	N/A	N/A	7.6 units	6.5-8.5 units

\*Note: Except for Iron and Manganese, if result exceeds allowable limit, the laboratory must fax analytical results to the State within 48 hours.

	DATE:	TIME:
ANALYSES BEGUN:	01/25/2018	1:34 pm
ANALYSES COMPLETED:	02/10/2018	11:23 am

Laboratory Log #: CA18408-01

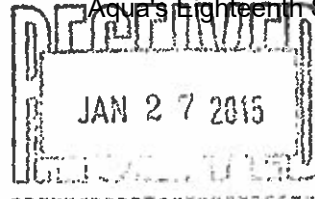
Certified By:

*Bill Scott*

Bill Scott

COMMENTS:

Environmental Conservation Laboratories, Inc.  
102-A Woodwinds Industrial Court  
Cary, NC 27511  
Ph: (919) 467-3090 Fax: (919) 467-3515



www.encolabs.com

## INORGANIC CHEMICAL ANALYSIS

WATER SYSTEM ID #: 03-51-141 County: Johnston

Name of Water System: PACEVILLE

Sample Type:  Entry Point  Special/Non-compliance

Location Where Collected: Well: 1(IOC) - PACEVILLE(411) - BROWNS POND ROAD

Facility ID No: P01

Location Code: W19

Collected By: KEN LANGSTON

Collection Date

Collection Time

01/14/15

08:15 am

Mail Results to:

Aqua NC - Cary (AQ002)

Attn: Mark English

202 MacKenan Court

Cary, NC 27511

Phone #: (919) 653-5779

Fax #: ()-

LABORATORY ID #: 37724

 SAMPLE UNSATISFACTORY RESAMPLE REQUIRED

CONTAM CODE	CONTAMINANT	METHOD CODE	REQUIRED REPORTING LIMIT (R.R.L.)	NOT DETECTED (ie < R.R.L.) (X)	QUANTIFIED RESULTS*	ALLOWABLE LIMIT
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1015	Cadmium	200.8	0.001 mg/L	X	mg/L	0.005 mg/L
1020	Chromium	200.8	0.02 mg/L	X	mg/L	0.1 mg/L
1024	Cyanide (total)	335.4	0.05 mg/L	X	mg/L	0.2 mg/L
1025	Fluoride	300.0	0.1 mg/L		0.10 mg/L	4 mg/L
1028	Iron	200.7	0.06 mg/L	X	mg/L	0.3 mg/L
1032	Manganese	200.8	0.01 mg/L		0.145 mg/L	0.05 mg/L
1035	Mercury	245.1	0.0004 mg/L	X	mg/L	0.002 mg/L
1036	Nickel	200.8	0.1 mg/L	X	mg/L	N/A
1045	Selenium	200.8	0.01 mg/L	X	mg/L	0.05 mg/L
1052	Sodium	200.7	1 mg/L		16 mg/L	N/A
1055	Sulfate as SO4	300.0	5 mg/L		12 mg/L	250 mg/L
1074	Antimony	200.8	0.003 mg/L	X	mg/L	0.006 mg/L
1075	Beryllium	200.8	0.002 mg/L	X	mg/L	0.004 mg/L
1085	Thallium	200.8	0.001 mg/L	X	mg/L	0.002 mg/L
1925	pH	4500H-B	N/A	N/A	7.6 units	6.5-8.5 units

\*Note: Except for Iron and Manganese, if result exceeds allowable limit, the laboratory must fax analytical results to the State within 48 hours.

	DATE:	TIME:
ANALYSES BEGUN:	01/15/2015	2:27 pm
ANALYSES COMPLETED:	01/23/2015	2:29 pm

Laboratory Log #: C416365-01

Certified By:

Link Thrower

COMMENTS:

## **APPENDIX B**

### **PACEVILLE**

**E. COPIES OF ALL IRON AND/OR MANGANESE  
ANALYSES FOR SOLUBLE AND  
INSOLUBLE THE PAST THREE YEARS –  
BASELINE (WITHOUT TREATMENT),  
WELL HEAD (AFTER TREATMENT),  
AND DISTRIBUTION SYSTEM (AFTER TREATMENT)**

**NO SPECIAL INORGANIC CHEMICAL ANALYSES HAVE  
BEEN TAKEN IN THE PAST THREE YEARS.**

**APPENDIX B**

**PACEVILLE**

**F. COPIES OF THE PUMP STATUS REPORTS FOR EACH  
WELL FOR THE LAST TWO YEARS**

PUMP STATUS REPORT FORM

WATER SYSTEM NAME: Paceville  
 PWS ID #: NC 03-51-141  
 WELL NO: Well-1  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

WELL PUMP: \_\_\_\_\_  
 BOOSTER PUMP: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

TANK #1 \_\_\_\_\_ TANK #2 \_\_\_\_\_  
 TYPE \_\_\_\_\_ TYPE \_\_\_\_\_

TOTAL CAPACITY \_\_\_\_\_ TOTAL CAPACITY \_\_\_\_\_

OPERATING PRESSURE \_\_\_\_\_ OPERATING PRESSURE \_\_\_\_\_

Date Read	No. Days	Master Meter Reading	Gallons Pumped	Time Meter Reading	Total Hrs. Oper	GPD Pumped	Impulse Meter Reading	Impulse Meter Count	Avg. Pump Cycles / Day	Avg. Dur (mins)	Hrs / Day	Avg. GPM	Avg. Water Pumped / Cycle (gals)	Sodium Hypochlorite Added (gals)	Orthophosphate Added (oz)	Sodium Hydroxide Added (gals)
1/6/2021	8	3131360	19260	15068	9	2408	175319	147	18.38	3.55	1.09	36.90	18.38			
1/13/2021	7	3148030	16670	15075	8	2381	175451	132	18.86	3.45	1.09	36.56	18.86			
1/20/2021	7	3165280	17250	15083	8	2464	175588	137	19.57	3.50	1.14	35.94	19.57			
1/27/2021	7	3182100	16820	15091	8	2403	175724	136	19.43	3.35	1.09	36.89	19.43			
2/3/2021	7	3203340	21240	15102	12	3034	175844	120	17.14	5.85	1.67	30.26	17.14			
2/10/2021	7	3221330	17990	15111	8	2570	175970	126	18.00	4.00	1.20	35.69	18.00			
2/16/2021	6	3234310	12980	15117	6	2163	176070	100	16.67	3.60	1.00	36.06	16.67			
2/24/2021	8	3253120	18810	15125	9	2351	176219	149	18.63	3.42	1.06	36.88	18.63			
3/3/2021	7	3271570	18450	15134	8	2636	176365	146	20.86	3.45	1.20	36.61	20.86			
3/10/2021	7	3288480	16910	15141	8	2416	176495	130	18.57	3.51	1.09	37.08	18.57			
3/17/2021	7	3307860	19380	15150	9	2769	176635	140	20.00	3.81	1.27	36.29	20.00			
3/24/2021	7	3325380	17520	15158	8	2503	176766	131	18.71	3.66	1.14	36.50	18.71			
3/31/2021	7	3344600	19220	15167	9	2746	176914	148	21.14	3.53	1.24	36.82	21.14			
4/7/2021	7	3362290	17690	15175	8	2527	177051	137	19.57	3.50	1.14	36.85	19.57			
4/14/2021	7	3380960	18670	15183	9	2867	177198	147	21.00	3.47	1.21	36.61	21.00			
4/21/2021	7	3399160	18200	15192	8	2600	177341	143	20.43	3.52	1.20	36.11	20.43			

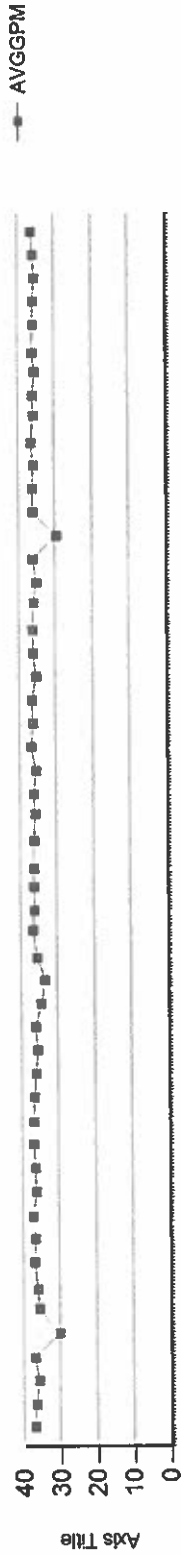
PUMP STATUS REPORT FORM

4/28/2021	7	3423100	23940	15203	11	3420	177503	162	23.14	4.15	1.60	35.63	23.14			
5/5/2021	7	3446330	23230	15214	11	3319	177665	162	23.14	3.96	1.53	36.18	23.14			
5/12/2021	7	3475610	29280	15228	14	4183	177875	210	30.00	4.03	2.01	34.61	30.00			
5/19/2021	7	3502630	27020	15241	13	3860	178069	194	27.71	4.14	1.91	33.61	27.71			
5/26/2021	7	3521420	18790	15250	9	2684	178210	141	20.14	3.74	1.26	35.59	20.14			
6/3/2021	8	3547350	25930	15262	12	3241	178417	207	25.88	3.42	1.48	36.62	25.88			
6/9/2021	6	3564750	17400	15270	8	2900	178556	139	23.17	3.45	1.33	36.25	23.17			
6/16/2021	7	3585010	20260	15279	9	2894	178719	163	23.29	3.42	1.33	36.31	23.29			
6/22/2021	6	3602460	17450	15287	8	2908	178864	145	24.17	3.31	1.33	36.35	24.17			
6/30/2021	8	3628390	25930	15299	12	3241	179076	212	26.50	3.37	1.49	36.32	26.50			
7/8/2021	8	3649980	21590	15309	10	2699	179253	177	22.13	3.39	1.25	35.98	22.13			
7/14/2021	6	3664360	14380	15316	7	2397	179377	124	20.67	3.19	1.10	36.31	20.67			
7/12/2021	7	3683830	19470	15325	9	2781	179541	164	23.43	3.33	1.30	35.66	23.43			
7/28/2021	7	3702840	19010	15333	9	2716	179701	160	22.66	3.23	1.23	36.84	22.66			
8/4/2021	7	3724210	21370	15343	10	3053	179882	181	25.86	3.25	1.40	36.34	25.86			
8/11/2021	7	3745110	20900	15353	10	2986	180057	175	25.00	3.26	1.36	36.67	25.00			
8/18/2021	7	3765140	20030	15362	9	2861	180225	168	24.00	3.36	1.34	35.51	24.00			
8/25/2021	7	3786890	21750	15372	10	3107	180403	178	25.43	3.37	1.43	36.25	25.43			
9/1/2021	7	3805630	18740	15381	9	2677	180557	154	22.00	3.35	1.23	36.32	22.00			
9/9/2021	8	3828160	22530	15391	10	2816	180744	187	23.38	3.34	1.30	36.11	23.38			
9/15/2021	6	3844050	15690	15399	8	2648	180872	128	21.33	3.52	1.25	35.31	21.33			
9/22/2021	7	3861250	17200	15406	8	2457	181021	149	21.29	3.18	1.13	36.29	21.29			
9/29/2021	7	3886370	25120	15421	14	3589	181172	151	21.57	5.60	2.01	29.69	21.57			
10/6/2021	7	3905040	18670	15429	9	2667	181321	149	21.29	3.46	1.23	36.18	21.29			
10/13/2021	7	3921790	16750	15437	8	2393	181464	143	20.43	3.23	1.10	36.26	20.43			
10/20/2021	7	3938620	16830	15445	8	2404	181603	139	19.86	3.37	1.11	35.96	19.86			
10/27/2021	7	3954410	15790	15452	7	2256	181731	128	18.29	3.38	1.03	36.55	18.29			
11/4/2021	8	3974490	20080	15461	9	2510	181897	166	20.75	3.36	1.16	35.99	20.75			

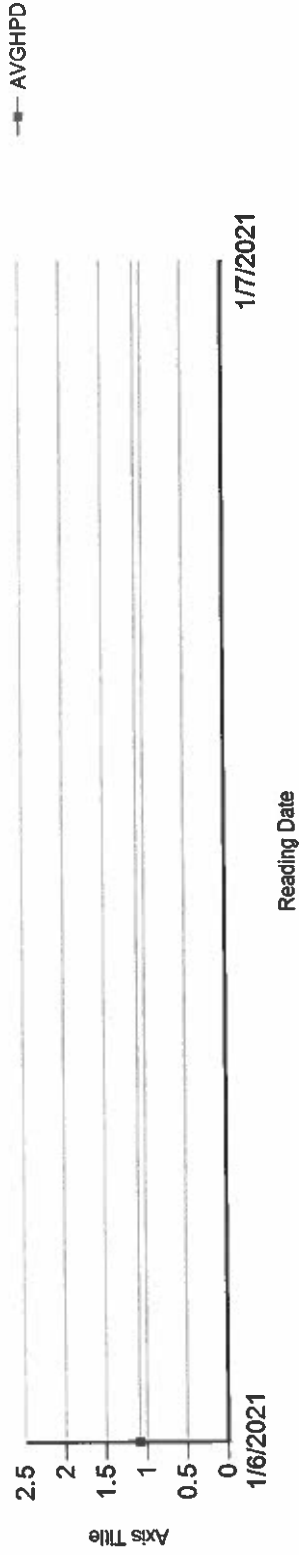
PUMP STATUS REPORT FORM

11/10/2021	1	6	3989660	15170	15468	7	2528	182021	124	20.67	36.12	20.67		
11/17/2021	1	7	4006710	17050	15476	8	2436	182153	132	18.86	35.52	18.86		
11/23/2021	1	6	4020370	13660	15482	6	2277	182257	104	17.33	36.14	17.33		
12/1/2021		8	4041320	20950	15492	10	2619	182418	161	20.13	36.00	20.13		
12/8/2021		7	4057730	16410	15500	8	2344	182549	131	18.71	35.99	18.71		
12/15/2021		7	4073950	16220	15507	8	2317	182685	136	19.43	35.57	19.43		
12/22/2021		7	4094620	20670	15517	10	2953	182852	167	23.86	35.89	23.86		
12/29/2021		7	4113560	18940	15526	9	2706	183006	154	22.00	36.28	22.00		

Average Gallons per Minute



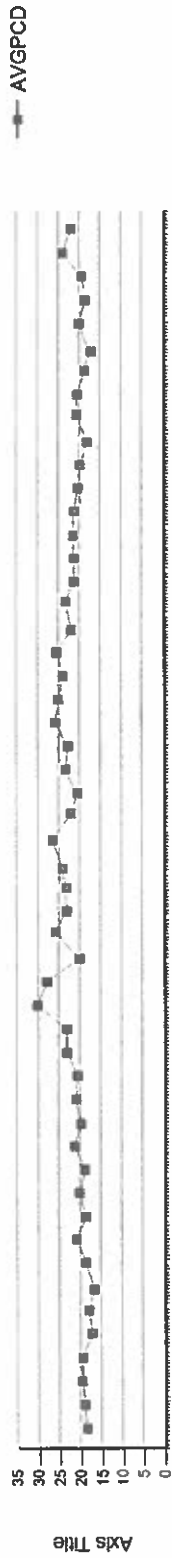
Average Hours per Day





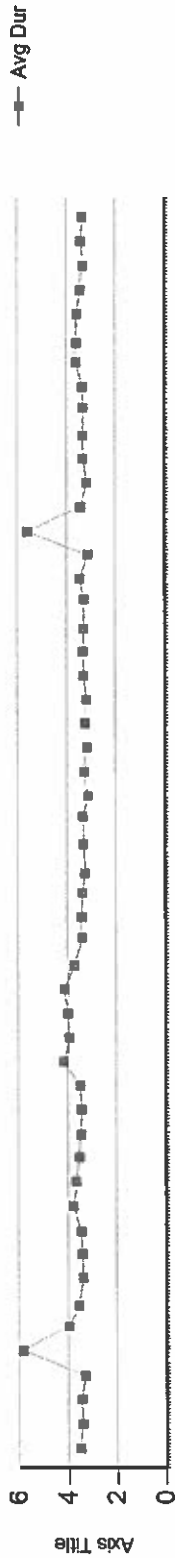
PUMP STATUS REPORT FORM

Average Pump Cycles per Day



Reading Date

Average Duration



Reading Date

# PUMP STATUS REPORT FORM



**WATER SYSTEM NAME** Paceville (0351141) : P01-Well-1  
**PWS ID #:** NC 03-51-141  
**WELL NO.:** Well-1  
  
**WELL PUMP:** \_\_\_\_\_  
**BOOSTER PUMP:** \_\_\_\_\_  
  
**TANK #1** \_\_\_\_\_ **TANK #2** \_\_\_\_\_  
**TYPE** \_\_\_\_\_  
**TOTAL CAPACITY** \_\_\_\_\_  
**OPERATING PRESSURE** \_\_\_\_\_

Date Read	No. Days	Master Meter Reading	Gallons Pumped	Time Meter Reading	Total Hrs Oper	GPD Pumped	Impulse Meter Read	Impulse Meter Count	Avg. Pump Cycles / Day	Avg Dur (mins)	Hrs/Day	Avg. GPM	Avg Water Pumped / Cycle (gals)	Sodium Hypochlorite Added (gals)	Orthophosphate Added (oz)	Sodium Hydroxide Added (gals)
1/12/22	7	4,147,040	15,550	15,541.1	7.2	2,221	183,277	122	17.43	3.54	1.03	36.00	17.43			
1/19/22	7	4,163,240	16,200	15,548.8	7.7	2,314	183,406	129	18.43	3.58	1.10	35.06	18.43			
1/26/22	7	4,180,560	17,320	15,556.7	7.9	2,474	183,546	140	20.00	3.39	1.13	36.54	20.00			
2/2/22	7	4,196,410	15,850	15,564	7.3	2,264	183,674	128	18.29	3.42	1.04	36.19	18.29			
2/8/22	6	4,210,570	14,160	15,570.5	6.5	2,360	183,789	115	19.17	3.39	1.08	36.31	19.17			
2/16/22	8	4,230,450	19,880	15,579.7	9.2	2,485	183,938	149	18.63	3.70	1.15	36.01	18.63			
2/23/22	7	4,247,140	16,690	15,587.4	7.7	2,384	184,067	129	18.43	3.58	1.10	36.13	18.43			
3/2/22	7	4,262,500	15,360	15,594.5	7.1	2,194	184,191	124	17.71	3.44	1.01	36.06	17.71			
3/9/22	7	4,280,620	18,120	15,602.9	8.4	2,589	184,333	142	20.29	3.55	1.20	35.95	20.29			
3/16/22	7	4,296,620	16,000	15,610.3	7.4	2,286	184,453	120	17.14	3.70	1.06	36.04	17.14			
3/23/22	7	4,312,900	16,280	15,617.9	7.6	2,326	184,573	120	17.14	3.80	1.09	35.70	17.14			
3/31/22	8	4,331,800	18,900	15,626.6	8.7	2,363	184,717	144	18.00	3.63	1.09	36.21	18.00			
4/6/22	6	4,347,090	15,290	15,633.7	7.1	2,548	184,835	118	19.67	3.61	1.18	35.89	19.67			
4/13/22	7	4,368,340	21,250	15,643.7	10	3,036	184,994	159	22.71	3.77	1.43	35.42	22.71			
4/20/22	7	4,386,190	17,850	15,652	8.3	2,550	185,139	145	20.71	3.43	1.19	35.84	20.71			
4/27/22	7	4,407,480	21,290	15,662.2	10.2	3,041	185,300	161	23.00	3.80	1.46	34.79	23.00			

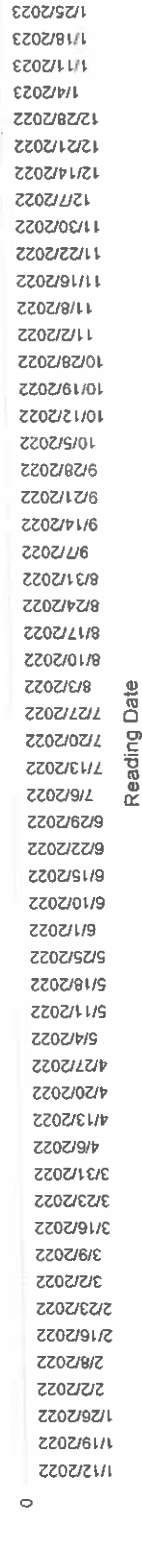
5/4/22	7	4,426,960	19,480	15,671.2	9	2,783	185,457	157	22.43	3.44	1.29	36.07	22.43
5/11/22	7	4,448,450	21,490	15,681.3	10.1	3,070	185,633	176	25.14	3.44	1.44	35.46	25.14
5/18/22	7	4,466,800	18,350	15,689.8	8.5	2,621	185,786	153	21.86	3.33	1.21	35.98	21.86
5/25/22	7	4,486,230	19,430	15,698.9	9.1	2,776	185,949	163	23.29	3.35	1.30	35.59	23.29
6/1/22	7	4,510,970	24,740	15,710.8	11.9	3,534	186,151	202	28.86	3.53	1.70	34.65	28.86
6/10/22	9	4,538,370	27,400	15,724.4	13.6	3,044	186,370	219	24.33	3.73	1.51	33.58	24.33
6/15/22	5	4,556,910	18,540	15,733.1	8.7	3,708	186,524	154	30.80	3.39	1.74	35.52	30.80
6/22/22	7	4,580,650	23,740	15,744.3	11.2	3,391	186,712	188	26.86	3.57	1.60	35.33	26.86
6/29/22	7	4,602,730	22,080	15,754.7	10.4	3,154	186,882	170	24.29	3.67	1.49	35.38	24.29
7/6/22	7	4,624,720	21,990	15,765.1	10.4	3,141	187,056	174	24.86	3.59	1.49	35.24	24.86
7/13/22	7	4,642,710	17,990	15,773.8	8.7	2,570	187,204	148	21.14	3.53	1.24	34.46	21.14
7/20/22	7	4,662,790	20,080	15,784.2	10.4	2,869	187,363	159	22.71	3.92	1.49	32.18	22.71
7/27/22	7	4,685,790	23,000	15,798	13.8	3,286	187,533	170	24.29	4.87	1.97	27.78	24.29
8/3/22	7	4,705,000	19,210	15,806.8	8.8	2,744	187,691	158	22.57	3.34	1.26	36.38	22.57
8/10/22	7	4,724,960	19,960	15,816.6	9.8	2,851	187,853	162	23.14	3.63	1.40	33.95	23.14
8/17/22	7	4,742,390	17,430	15,824.8	8.2	2,490	187,990	137	19.57	3.59	1.17	35.43	19.57
8/24/22	7	4,758,700	16,310	15,832.6	7.8	2,330	188,122	132	18.86	3.55	1.11	34.85	18.86
8/31/22	7	4,776,880	18,180	15,841.2	8.6	2,597	188,269	147	21.00	3.51	1.23	35.23	21.00
9/7/22	7	4,796,560	19,680	15,850.5	9.3	2,811	188,428	159	22.71	3.51	1.33	35.27	22.71
9/14/22	7	4,815,090	18,530	15,859.3	8.8	2,647	188,585	157	22.43	3.36	1.26	35.09	22.43
9/21/22	7	4,837,450	22,360	15,870.2	10.9	3,194	188,765	180	25.71	3.63	1.56	34.19	25.71
9/28/22	7	4,854,150	16,700	15,878.1	7.9	2,386	188,905	140	20.00	3.39	1.13	35.23	20.00
10/5/22	7	4,884,970	30,820	15,893.3	15.2	4,403	189,138	233	33.29	3.91	2.17	33.79	33.29
10/12/22	7	4,917,290	32,320	15,909.7	16.4	4,617	189,360	222	31.71	4.43	2.34	32.85	31.71
10/19/22	7	4,933,840	16,550	15,917.6	7.9	2,364	189,483	123	17.57	3.85	1.13	34.92	17.57
10/26/22	9	4,954,850	21,010	15,927.7	10.1	2,334	70	-189,413	-21,045.89	0.00	1.12	34.87	-21,045.89
11/2/22	5	4,967,290	12,440	15,933.7	6	2,488	189,746	189,676	37,935.20	0.00	1.20	34.56	37,935.20
11/9/22	6	4,980,270	12,980	15,939.9	6.2	2,163	189,854	108	18.00	3.44	1.03	34.89	18.00
11/16/22	8	4,998,720	19,450	15,949.1	9.2	2,431	190,018	164	20.50	3.37	1.15	35.24	20.50
11/22/22	6	5,013,120	13,400	15,955.5	6.4	2,233	190,127	109	18.17	3.52	1.07	34.90	18.17
11/30/22	8	5,033,050	19,930	15,965.1	9.6	2,491	190,291	164	20.50	3.51	1.20	34.60	20.50
12/7/22	7	5,048,580	15,530	15,972.7	7.6	2,219	190,408	117	16.71	3.90	1.09	34.06	16.71
12/14/22	7	5,064,990	16,410	15,981.1	8.4	2,344	190,535	127	18.14	3.97	1.20	32.56	18.14
12/21/22	7	5,082,750	17,760	15,989.7	8.6	2,537	190,677	142	20.29	3.63	1.23	34.42	20.29
12/28/22	7	5,099,200	16,450	15,997.9	8.2	2,350	190,809	132	18.86	3.73	1.17	33.43	18.86

Reading Date	7	5,116,450	17,250	16,006.6	8.7	2,464	190,947	138	19.71	3.78	1.24	33.05	19.71
1/4/23	7	5,132,100	15,650	16,014.8	8.2	2,236	191,076	129	18.43	3.81	1.17	31.81	18.43
1/11/23	7	5,148,780	16,680	16,022.7	7.9	2,383	191,208	132	18.86	3.59	1.13	35.19	18.86
1/18/23	7	5,165,470	16,680	16,030.7	8	2,384	191,340	132	18.86	3.64	1.14	34.77	18.86

Average Gallons per Minute



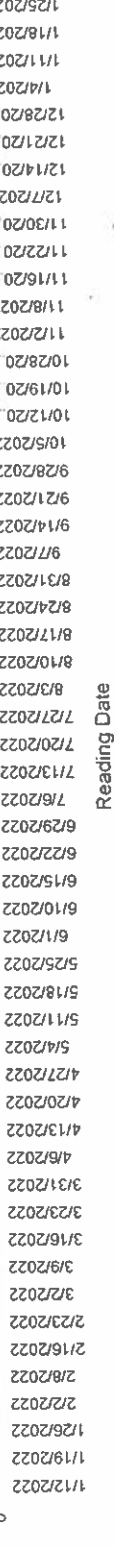
AVGGPM



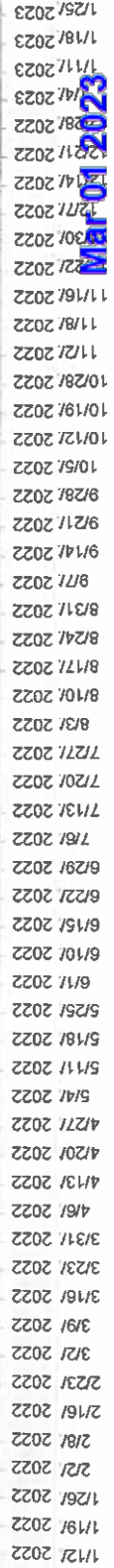
Average Hours per Day



AVGPCD



Avg Dur



Mar 01 2023

**APPENDIX B**

**PACEVILLE**

**G. ORIGINAL 24-HOUR PUMP TEST FOR EACH WELL**

**NOT AVAILABLE**

## **APPENDIX B**

### **PACEVILLE**

- H. COPIES WITHIN THE LAST SIX MONTHS OF ALL AQUA NC EMAILS TO AND FROM PWSS, LETTERS TO AND FROM PWSS, REPORTS TO AND FROM PWSS, AND THE RECOMMENDATIONS OF PWSS REGARDING WATER QUALITY CONCERNS ON AQUA NC'S WATER SYSTEMS**

**THERE IS NO CORRESPONDENCE THAT CAN BE LOCATED WITHIN THE LAST SIX MONTHS WITH PWSS.**