

SANFORD LAW OFFICE, PLLC
Jo Anne Sanford, Attorney at Law

October 8, 2021

Ms. A. Shonta Dunston
Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, North Carolina 27699-4325

Via Electronic Filing

Re: Aqua North Carolina, Inc.
Docket No. W-218, Sub 526A
Blue Water Cove - Supplement to Fifteenth Semi-Annual
Report Concerning Secondary Water Quality Concern

Dear Ms. Dunston:

In Aqua North Carolina, Inc.'s ("Aqua" or "Company") Fifteenth Semi-Annual Report Regarding Secondary Water Quality Concerns, which was filed in this docket on September 1, 2021, the Company noted that it had implemented a Commission-approved secondary water quality filtration improvement project for Blue Water Cove Well #1. The chem-free treatment system, which utilizes media that adjusts pH and also removes iron and manganese, was placed online at Well #1 on July 20, 2021.

In its response as part of the Fifteenth Semi-Annual Report, the Public Staff stated an expectation that the treatment system installed at Well #1 would resolve the water quality issues and customer complaints. To confirm that the treatment system is effectively improving the water quality, the Public Staff recommended that Aqua include an update on Blue Water Cove in the Company's

next Semi-Annual Report that at minimum provides the Inorganic Chemical Analysis (“IOC”) analysis results scheduled for the third quarter of 2021.

Aqua agreed to provide a copy of the IOC results to the Public Staff. The referenced IOC test results are attached. Aqua is pleased to report that the test results state that iron and manganese were not detected, indicating that the treatment system placed online at Blue Water Cove Well #1 on July 20, 2021, is effective and operating as planned. No customer complaints have been received from Blue Water Cove from July 1, 2021 through the date of the filing of this IOC result.

I hereby certify that this filing has been electronically served on the parties to this docket.

As always, thank you and your office for your assistance and please feel free to contact me if there are any questions.

Sincerely,

Electronically Submitted
/s/Jo Anne Sanford
State Bar # 6831

Attorney for Aqua North Carolina, Inc.

c: Parties of Record



INORGANIC CHEMICAL ANALYSIS

WATER SYSTEM ID #: **30-34-012** County: **Forsyth**
Name of Water System: **BLUE WATER COVE**
Sample Type: ☒ Entry Point ☐ Special/Non-compliance
Location Where Collected: **Well: 1(IOC) - BLUE WATER COVE(96) - 1008 EASTSHORE CIR**
Facility ID No: **P01**
Location Code: **E01**
Collected By: **Charles Pearson**

Collection Date	Collection Time
08/12/21	12:45 pm

Mail Results to:

Aqua NC - Kernersville (AQ007)

Attn: Debbie Dycus

4163 Sinclair Street

Denver, NC 28037

Phone #: **(704) 489-9404**

Fax #: **(704) 489-9409**

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		0.15 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	X	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		9.52 mg/L	N/A
1055	Sulfate as SO ₄	300.0	5 mg/L		10 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	8.8 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:	08/18/2021	10:06 am
ANALYSES COMPLETED:	08/25/2021	4:23 pm

Laboratory Log #: **CE07057-01**

Certified By:

Bill Scott

Bill Scott

COMMENTS: