



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Update
 Iron and Manganese Concentration
 Bayleaf Master System
 WSF ID No.: Barton Creek Bluffs Well #10 - P67
 WSF ID No.: Ravenwood Well #1 - P1A
 WSF ID No.: Woodvalley Well #11 - P93
 Water System No: NC0392373
 Wake County

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at the following wells in the Bayleaf Master System: Barton Creek Bluffs Well #10 – P67, Ravenwood Well #1 – P1A, Woodvalley Well #11 – P93. The Bayleaf Master System/Barton Creek Bluffs/Ravenwood/Woodvalley water systems are comprised of 120 active wells and 109 points of entry (POE). The current number of customers served is 5,930 and the system is approved to serve 6,246 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #10 – P67, Well #1 – P1A, and Well #11 – P93.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Barton Creek Bluffs Well #10 – P67 (Samples collected June 2013)	15	9.4	0	0.2

Page Two
Barton Creek Bluffs Well #10 - P67
Ravenwood Well #1 - P1A
Woodvalley Well #11 - P93
June 29, 2016

Updated Information (Samples collected May 3, 2016)	15	9.4	0	0.232
Ravenwood Well #1 – P1A (Samples collected March 24, 2015)	35	0	0.3	0.14
Updated Information (Samples collected June 17, 2016)	35	0	3.08	.342
Woodvalley Well #11 – P93 (Samples collected December 10, 2015)	29	7.3	0.18	0.285
Updated Information (Samples collected June 17, 2016)	29	7.2	.07	.14

Barton Creek Bluffs Well #10, P67

Aqua collected new IOC samples on May 3, 2016, and the results are shown in the table above. At this time, no further treatment is being pursued. Flushing was completed in April 2016 in Barton Creek Bluffs.

Ravenwood Well #1, P1A

Aqua collected new IOC samples on June 17, 2016, and the results are shown in the table above. This well does not run on a regular basis because of system demand and operates in back-up mode. In the event a back-up well is needed, the well will be ready for use if it needs to be placed into service. Flushing was completed in March 2016 for Ravenwood. There are no plans to add further treatment at this time.

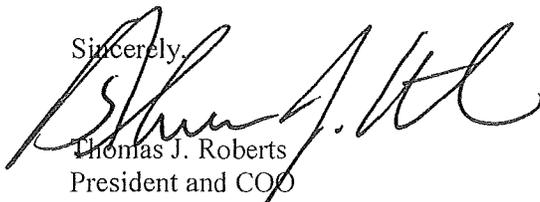
Woodvalley Well #11, P93

Aqua has collected field samples on June 17, 2016, from the raw water and the results are shown in the table above. Flushing was completed in April 2016 in Woodvalley. At this time, no further treatment is being pursued.

Based on the updated information provided above, Aqua requests that the Notice of Deficiency be rescinded as well as the requirement to submit quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Shannon V. Becker, President

O: 919.653.5770 • F: 919.460.1788 • SVBecker@AquaAmerica.com

August 2, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Bayleaf Master System / Ethan's Glen Well #19 and #20, P97
 Wake County, Water System No: NC0392373

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Bayleaf Master System / Ethan's Glen Well #19 and #20, P97. The Ethan's Glen water system is comprised of nine active wells and four points of entry (POE). The current number of customers served is 170 and the system is part of the Bayleaf Master Water System. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #19 and #20, P97.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Ethan's Glen Well #19 and #20, P97 (Samples collected September 17, 2014)	#19 – 18 gpm #20 – 11 gpm	#19 – 7.22 #20 – 9.6	1.87	0.0179
Updated Information (IOC samples scheduled to be taken September 2017).	#19 – 18 gpm #20 – 11 gpm	0		

Page Two
Bayleaf Master System Well #19 and #20, P97
August 2, 2016

Aqua is in the process of installing the replacement pump for well #19. Iron and manganese raw water samples will be taken by August 31, 2016. The course of action will be reassessed upon receipt of the results of the new well head samples.

Flushing

Aqua performed system-wide flushing in the Bayleaf Master System area, which includes Ethans Glen Well #19 and #20, P97, between January and April, 2016.

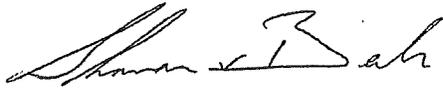
Customer Complaints

From January through June 2016, Aqua received no complaints from the customers at Ethan's Glen.

The above-mentioned compliance sample was from both wells #19 & #20 combined. Aqua will pull special well head IOC's from both wells. Once we have this information we will make a decision on how to proceed.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Shannon V. Becker
President

SVB/rl

OFFICIAL COPY

Sep 19 2018



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Cambridge Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No: NC0392387

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Cambridge Well #1, P01. The Cambridge water system is comprised of two active wells and two points of entry (POE). The current number of customers served is 74 and the system is approved to serve 74 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Cambridge Well #1, P01 (Samples collected April 1, 2013)	27	6.5	0.6	0.02
Updated Information (Samples collected March 10, 2016)	27	6.0	0	0.017

Page Two
Cambridge Subdivision Well #1, P01
June 29, 2016

Aqua collected a new IOC Compliance Sample on March 10, 2016, and the results are shown in the table above.

Flushing

Aqua performed system-wide flushing between May 9 and May 13, 2016.

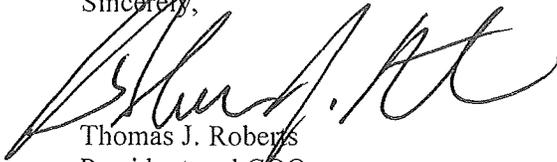
Customer Complaints

From April 2015 through April 2016, Aqua received no complaints from the customers at Cambridge.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Cambridge Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No: NC0392387

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Cambridge Well #1, P01. The Cambridge water system is comprised of two active wells and two points of entry (POE). The current number of customers served is 74 and the system is approved to serve 74 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Cambridge Well #1, P01 (Samples collected April 1, 2013)	27	6.5	0.6	0.02
Updated Information (Samples collected March 10, 2016)	27	6.0	0	0.017

Page Two
Cambridge Subdivision Well #1, P01
June 29, 2016

Aqua collected a new IOC Compliance Sample on March 10, 2016, and the results are shown in the table above.

Flushing

Aqua performed system-wide flushing between May 9 and May 13, 2016.

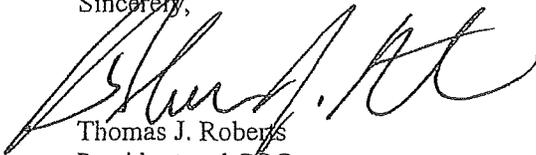
Customer Complaints

From April 2015 through April 2016, Aqua received no complaints from the customers at Cambridge.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Camelot Subdivision, Wake County
 WSF ID No.: Well #4, P04
 Water System No: NC0392111

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Camelot Well #4, P04. The Camelot water system is comprised of four active wells and four points of entry (POE). The current number of customers served is 243 and the system is approved to serve 243 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #4, P04.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Camelot Well #4, P04 (Samples collected April 17, 2013)	N/A	8.4	0.07	0.128
Updated Information (Samples collected April 13, 2016)	N/A	10.8	0.0802	0.0947

Page Two
Camelot Well #4, P04
June 29, 2016

Aqua collected a new IOC Compliance sample on April 13, 2016, and the results are shown in the table above.

Aqua received approval June 13, 2016, to begin feeding SeaQuest at all four wells in the Camelot system, which will begin in July 2016.

Aqua is currently in the first phase of replacing all the distribution mains in Camelot and expects to complete the final phase of the project in mid-2017.

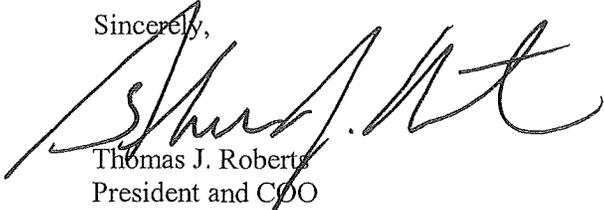
Customer Complaints

From June 2015 through June 2016, there have been two customer complaints of discolored water received from the customers at Camelot and no customer complaints received in the past three months.

Based on the updated information provided above, Aqua requests that the Notice of Deficiency be rescinded as well as the requirement to submit quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas J. Roberts', is written over the typed name and title.

Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Cambridge Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No: NC0392387

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Cambridge Well #1, P01. The Cambridge water system is comprised of two active wells and two points of entry (POE). The current number of customers served is 74 and the system is approved to serve 74 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Cambridge Well #1, P01 (Samples collected April 1, 2013)	27	6.5	0.6	0.02
Updated Information (Samples collected March 10, 2016)	27	6.0	0	0.017

Page Two
Cambridge Subdivision Well #1, P01
June 29, 2016

Aqua collected a new IOC Compliance Sample on March 10, 2016, and the results are shown in the table above.

Flushing

Aqua performed system-wide flushing between May 9 and May 13, 2016.

Customer Complaints

From April 2015 through April 2016, Aqua received no complaints from the customers at Cambridge.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

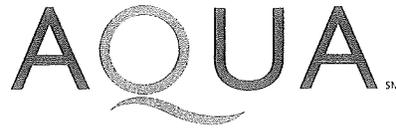
Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency - Quarterly Status Report
 Iron and Manganese Concentration,
 Cotesworth Down/Kensington Manor Well #1, P04
 Wake County, Water System No: NC0392125

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 8, 2016, regarding elevated concentrations of iron (Fe) and manganese (Mn) at Cotesworth Down/Kensington Manor Well #1, P04. The Cotesworth Down/Kensington Manor master system is comprised of four wells and four points of entry (POE). The current number of customers served is 192 and the system is approved to serve 192 connections. The table below outlines the run time and the latest iron and manganese concentration collected as part of the ongoing Inorganic Chemical Analyses (IOC) at Well #1, P04.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Cotesworth Down/Kensington Manor Well #1 (P04) (Sample collected February 4, 2014)	33	5.0	2.0	0
Updated Information (Sample collected March 1, 2016)	33	6.2	.02	.012

Page Two
Cotesworth Down/Kensington Manor Well #1, P04
June 29, 2016

Currently there is no iron and manganese treatment at Cotesworth Down/Kensington Manor Well #1 (P04). On March 1, 2016, Aqua took a field measurement from the raw water and the results are shown in the table above.

Aqua postponed the cleaning and inspection of the 5,400 gallon hydropneumatic tank at Well #1 after the well head samples revealed no problems. The next IOC Compliance Sample is due in February 2017, which will be collected to confirm these recent results taken on March 1, 2016.

Flushing

The distribution system was most recently flushed in April 2016.

Customer Complaints

From June 16, 2015 through June 16, 2016, Aqua received 13 water quality complaints with the last complaint being on March 31, 2016. Aqua has not received any water quality complaints since the system was flushed in April 2016.

Based on the information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Shannon V. Becker, President

O: 919.653.5770 • F: 919.460.1788 • SVBecker@AquaAmerica.com

August 2, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Fairview Wooded Acres Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No: NC0392129

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Fairview Wooded Acres Well #1, P01. The Fairview Wooded Acres water system is comprised of four active wells and three points of entry (POE). The current number of customers served is 119 and the system is approved to serve 134 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Fairview Well #1, P01 (Samples collected March 18, 2015)	12	0	.880	ND
Updated Information (IOC samples scheduled to be taken March 2018)	12	0		

Aqua collected samples on March 18, 2015, Well #1, P01, which showed elevated results for iron. Well #1 does not run on a regular basis because of reduced system demand and operates in a back-up mode. This well is expected to be abandoned when the Interstate 540 toll road construction begins in this area.

Page Two
Fairview Wooded Acres Subdivision Well #1, P01
August 2, 2016

Flushing

Aqua performed system wide flushing between June 13 and June 17, 2016.

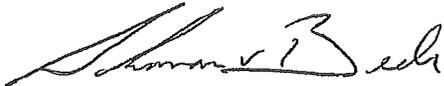
Customer Complaints

From June 2015 through June 2016, Aqua received three complaints from the customers at Fairview Wooded Acres.

Based on the information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,

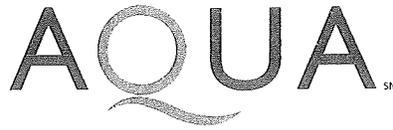


Shannon V. Becker
President

SVB/rl

OFFICIAL COPY

Sep 19 2018



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Fairview Wooded Acres Subdivision, Wake County
 WSF ID No.: Well #2, P02
 Water System No: NC0392129

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Fairview Wooded Acres Well #2 P02. The Fairview Wooded Acres water system is comprised of four active wells and three points of entry (POE). The current number of customers served is 119 and the system is approved to serve 134 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #2, P02.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Fairview Well #2, P02 (Samples collected January 20, 2015)	16	0	1.24	.0642
Updated Information (Samples collected January 20, 2015)	16	0	Same as above	Same as above

Page Two
Fairview Wooded Acres Subdivision Well #2, PO2
June 29, 2016

Aqua collected IOC Compliance samples on January 20, 2015, and the results are shown in the table above. Well #2 does not run on a regular basis because of system demand and operates in back-up mode. In the event a back-up well is needed, the well will be ready for use if it needs to be placed into service.

Flushing

Aqua performed a system-wide flushing at Fairview Wooded Acres between June 13 and June 17, 2016.

Customer Complaints

From June 2015 through June 2016, Aqua received three complaints from customers at Fairview Wooded Acres.

Based on the information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Foxmoor Subdivision, Wake County
 WSF ID No.: Well #2, P02
 Water System No: NC4392163

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Foxmoor Well #2, P02. The Foxmoor water system is comprised of two active wells and two points of entry (POE). The current number of customers served is 78 and the system is approved to serve 79 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #2, P02.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Foxmoor Well #2, P02 – (Samples collected January 14, 2015)	12	.6	0.5	2.3
Updated Information – (Samples collected March 2, 2016)	12	.5	0.15	0.002

Aqua collected raw water samples on March 2, 2016, and the results are shown in the table above.

Page Two
Foxmoor Subdivision Well #2, P02
June 29, 2016

Flushing

Aqua will perform a system-wide flushing in Foxmoor water system by September 2016.

Customer Complaints

From June 2015 through June 2016, Aqua did not receive any complaints from the customers at Foxmoor.

Based upon the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl

OFFICIAL COPY

Sep 19 2018



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Fox Run Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No: NC0332116

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) at Fox Run Well #1, P01. The Fox Run water system is comprised of two active wells and two points of entry (POE). The current number of customers served is 111 and the system is approved to serve 141 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Fox Run Well #1, P01 (Sample collected April 17, 2014)	26.5	0	2.4	0.0
Updated Information (Sample collected March 1, 2016)	26.5	0	0.012	0.0011

Aqua collected a new IOC Sample on March 1, 2016, and the results are shown in the table above.

Page Two
Fox Run Subdivision Well #1, P01
June 29, 2016

Flushing

The Fox Run water system will be flushed by September 2016.

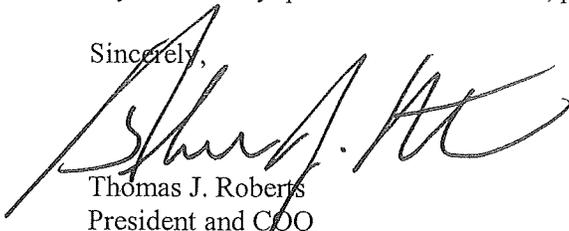
Customer Complaints

From June 2015 through June 2016, Aqua received no complaints from the customers at Fox Run.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Glendale Master System Subdivision, Wake County
 WSF ID No.: Well #1, TP1
 Water System No: NC0392293

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Glendale Master System Well #1, TP1. The Glendale Master System is comprised of six active wells and six points of entry (POE). The current number of customers served is 250 and the system is approved to serve 253 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, TP1.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Glendale Well #1, TP1 (Samples collected October 10, 2014)	45	0	1.3	0.175
Updated Information (Samples collected October 10, 2014)	45	0	1.3	0.175

Page Two
Glendale Master System Well #1, TP1
June 29, 2016

Aqua collected an IOC Compliance Sample on October 10, 2014, and the results are shown in the table above.

Well #1 does not run on a regular basis because of system demand and operates in back-up mode. In the event a back-up well is needed, the well will be ready for use if it needs to be placed into service.

Flushing

The Glendale distribution system was flushed the first week of May 2016.

Customer Complaints

From June 16, 2015 through June 16, 2016, Aqua have received two water quality complaints for sulfur smell and no calls for discolored water.

Based on the updated information provided above, Aqua requests that the Notice of Deficiency be rescinded as well as the requirement to submit quarterly status reports.

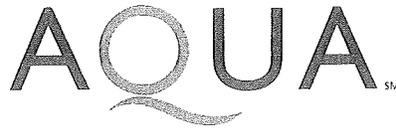
Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Jamison Subdivision, Wake County
 WSF ID No.: Well #6, P03
 Water System No: NC4392188

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Jamison Park Well #6, P03. The Jamison Park water system is comprised of four active wells and four points of entry (POE). The current number of customers served is 209 and the system is approved to serve 220 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #6, P03.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Jamison Park Well #6, P03 (Samples collected February 11, 2014)	150	4.9	0.6	0.02
Jamison Park Well #6, P03 (Samples collected March 8, 2016)	150	5.5	0.28	0.000

Aqua collected field samples on March 8, 2016, and the results are shown in the table above.

Page Two
Jamison Park Subdivision Well #6, P03
June 29, 2016

Flushing

Aqua will perform a system-wide flushing of the Jamison Park water system by September 2016.

Customer Complaints

From June 2015 through June 2016, Aqua has received five complaints from the customers at Jamison Park.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Lake Ridge Aero Park Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No: NC0332135

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Manganese (MN) at Lake Ridge Aero Park Well #1, P01. The Lake Ridge Aero Park water system is comprised of one active well and one point of entry (POE). The current number of customers served is 46 and the system is approved to serve 49 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Lake Ridge Aero Park Well #1, P01 (Samples collected February 21, 2013)	50	2.4	0	0.062
Updated Information (Samples collected February 15, 2016)	50	2.7	0	0.0755

Page Two
Lake Ridge Aero Park Subdivision Well #1, P01
June 29, 2016

Aqua collected a new IOC Compliance Sample on February 15, 2016, and the results are shown in the table above. Aqua collected additional IOC samples on June 21, 2016, and depending on the results will pursue additional treatment, if necessary.

Flushing

The Lake Ridge Aero Park water system will be flushed by September 2016.

Customer Complaints

From June 2015 through June 2016, Aqua received two discolored water complaints with the last complaint received in April 2016.

Based on the updated information provided above, Aqua requests that the Notice of Deficiency be rescinded as well as the requirement to submit quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Manganese Concentration
 Lakewood Estates Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No: NC0392294

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of and Manganese (Mn) at Lakewood Well #1, P01, The Lakewood Estates water system is comprised of two active wells and two points of entry (POE). The current number of customers served is 37 and the system is approved to serve 50 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Lakewood Well #1, P01 (Samples collected April 2014)	N/A	2.8	0	0.13
Updated Information (Samples collected March 8, 2016)	N/A	4.5	0	0.01

Page Two
Lakewood Estates Subdivision Well #1, P01
June 29, 2016

Aqua collected a field test sample on March 8, 2016, and the results are shown in the table above.

Flushing

Aqua performed a system-wide flushing of the Lakewood Estates water system between December 7, 2015 and December 11, 2015.

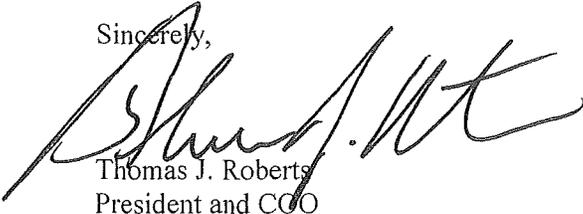
Customer Complaints

From June 2015 through June 2016, Aqua received 12 complaints from the customers at Lakewood Estates.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Update
 Iron and Manganese Concentration
 Lynnbank Estates Subdivision, Vance County
 WSF ID No.: Well #1, P02
 Water System No: NC0291121

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Lynnbank Estates Well #1, P02. The Lynnbank Estates water system is comprised of one active well and one point of entry (POE). The current number of customers served is 47 and the system is approved to serve 63 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P02.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	App.		Fe (mg/L)	Mn (mg/L)
Lynnbank Well #1, P02 (Samples collected February 27, 2013)	60	2.2	.06	.109
Updated Information (Samples collected February 11, 2016)	60	3.16	0	0.0196

Aqua collected an IOC sample on February 11, 2016, and the results are shown in the table above.

Page Two
Lynnbank Estates Well #1, P02
June 29, 2016

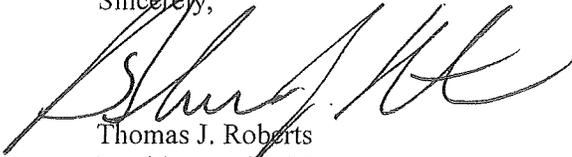
Customer Complaints

From June 16, 2015, through June 16, 2016, Aqua has received no water quality complaints from the customers in Lynnbank Estates.

Based on the updated information provided above, Aqua requests that the Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports .

If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas J. Roberts', written over a printed name and title.

Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Red Mountain Subdivision, Durham County
 WSF ID No.: Well #2, P01
 Water System No: NC0332136

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Manganese (MN) at Red Mountain Well #2, P01. The Red Mountain water system is comprised of three active wells and three points of entry (POE). The current number of customers served is 64 and the system is approved to serve 117 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #2, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Red Mountain Well #2, P01 (Samples collected April 2014)	22	1.9	0	0.077
Updated Information (Samples collected March 10, 2016)	22	2.1	0.0022	0.0012

Field samples were collected on March 10, 2016, and the results are shown in the table above.

Page Two
Red Mountain Subdivision Well #2, P01
June 29, 2016

Flushing

The Red Mountain water system will be flushed by September 2016.

Customer Complaints

From June 2015 through June 2016, Aqua has not received any complaints from the customers at Red Mountain.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Ridgebrook Bluffs/Westbury Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No.: NC4392101

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Ridgebrook Bluffs/Westbury Well #1, P01. The Ridgebrook Bluffs/Westbury water system is comprised of three active wells and three points of entry (POE). The current number of customers served is 92 and the system is approved to serve 108 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Ridgebrook Bluffs/Westbury Well #1, P01 (Samples collected August 8, 2013)	30	6.2	0	0.9
Updated Information (Samples collected March 8, 2016)	30	4.4	0	0.03

Page Two
Ridgebrook Bluffs/Westbury Well #1, P01
June 29, 2016

Field samples were collected on March 8, 2016, and the results are shown in the table above.

Cleaning and inspection of the 10,000 gallon storage tank at Well #1 has been rescheduled until the fourth quarter of 2016.

Customer Complaints

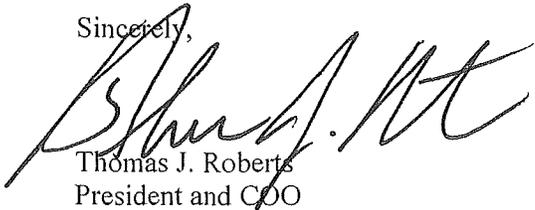
From June 15, 2015 through June 15, 2016, Aqua received two water quality complaints from customers in Ridgebrook Bluffs/Westbury being December 2015 and May 2016.

Aqua is managing the run times at this well and in the past three months, has reduced the run time to 1.5 hours per day. Aqua will take new compliance IOC's at this well in July 2016 and based on those results, will consider further treatment if needed.

Based on the updated information provided above, Aqua requests that the Notice of Deficiency be rescinded as well as the requirement to submit quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Royal Senter Ridge/Whitehart Subdivision, Wake County
 WSF ID No.: Well #1, P04
 Water System No: NC4392140

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Royal Senter Ridge/Whitehart Well #1, P04. The Royal Senter Ridge/Whitehart water system is comprised of four active wells and three points of entry (POE). The current number of customers served is 249 and the system is approval to serve 252 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P04.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Royal Senter Ridge / Whitehart Well #1, P04 (Samples collected February 6, 2014)	8	0.6	3.0	0.075
Updated Information (Samples collected March 9, 2016)	8	0.0	3.3	0.069

Page Two
Royal Senter Ridge/Whitehart Well #1, P04
June 29, 2016

Raw water field samples were collected on March 9, 2016, and are shown in the table above. Well #1 does not run on a regular basis because of system demand and operates in back-up mode. In the event a back-up well is needed, the well will be ready for use if it needs to be placed into service.

Flushing

Aqua performed a system-wide flushing of Royal Senter Ridge/Whitehart during the week of June 20, 2015.

Customer Complaints

From June 2015 through June 15, 2016, Aqua received eight water quality complaints from the customers at Royal Senter Ridge/Whitehart. Only two complaints have been received in the past three months.

Based on the information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Update
 Iron and Manganese Concentration
 Wakefield Plantation Well #7, P07
 Wake County, Water System No: NC0392155

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 8, 2016, regarding elevated concentrations of iron (Fe) and manganese (Mn) at Wakefield Plantation Well #7, P07. The Wakefield Plantation water system is comprised of four wells and four points of entry (POE). The current number of customers served is 156 and the system is approved to serve 174 connections. The table below outlines the run times and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at each POE.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Well #7	66	0	1.1	0.2
Updated Information	66	0	Offline	Offline

Aqua has received approval for Manganese Oxide filters at Wells #6 and Well #8 from the North Carolina Utilities Commission, estimated completion date for the installation of these filters is September 2016. Well #7 does not run on a regular basis because of system demand and operates in back-up mode. In the event a back-up well is needed, the well will be ready for use if it needs to be placed into service. Aqua will continue feeding SeaQuest at Well #4.

In July 2013, Aqua cleaned the hydropneumatic tank at Well #6 and Well #7.

Page Two
Wakefield Plantation Well #7, P07
June 29, 2016

Flushing

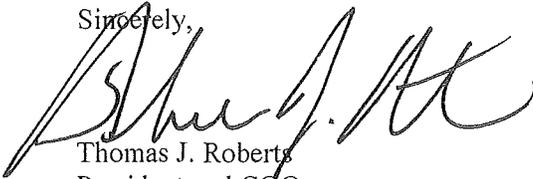
The Wakefield Plantation water system was most recently flushed in April 2016.

Customer Complaints

From June 16, 2015, through June 16, 2016, Aqua received 47 water quality complaints. We will continue to maximize the effectiveness of the phosphate currently used until such time that the filters are placed into service at Wells #6 and #8. Aqua will continue to feed the phosphate at the other wells on line in an effort to continue cleaning the wall lining of the distribution pipe.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Weekend Retreat/Southern Oaks Subdivision, Wake County
 WSF ID No.: Well #1, P01
 Water System No: NC0392387

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (Mn) at Weekend Retreat/Southern Oaks Well #1, P01. The Weekend Retreat/Southern Oaks water system is comprised of four active wells and three points of entry (POE). The current number of customers served is 210 and the system is approved to serve 242 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P01.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Weekend Retreat / Southern Oaks Well #1, P01 (Samples collected November 11, 2014)	70	0.2	0.675	0
Updated information (Samples collected May 4, 2016)	70	2.9	0.163	0

Page Two
Weekend Retreat/Southern Oaks/Dayton Woods Well #1, P01
June 29, 2016

Aqua made operational changes that have enabled this well to run on a regular basis. Aqua collected a new IOC Compliance sample on May 4, 2016, and the results are shown in the table above.

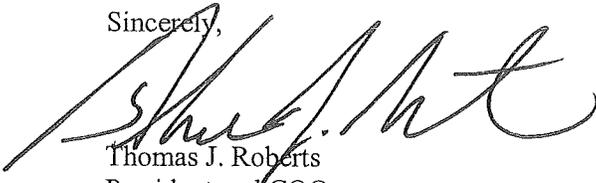
Customer Complaints

From June 2015 through June 2016, Aqua received two complaints from the customers at Weekend Retreat. There have been no complaints received in the past three months.

Based on the information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer

O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Windhaven Subdivision Well #1, P03
 Wake County, Water System No: NC0392335

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced NOD dated February 8, 2016, regarding elevated concentrations of iron (Fe) and manganese (Mn) at Windhaven Well #1, P03. The Windhaven water system is comprised of four wells and four points of entry (POE). The current number of customers served is 205 and the system is approved to serve 209 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #1, P03.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Windhaven Well #1, P03 (Samples collected July 31, 2015)	25	0	1.01	0.015
Updated information (Samples collected March 31, 2016)	25	0	0.182	0

Page Two
Windhaven Subdivision Well #1, P03
June 29, 2016

Aqua collected a new IOC Compliance Sample on March 31, 2016, and the results are shown in the table above. This well does not run on a regular basis because of system demand and operates in back-up mode. In the event a back-up well is needed, the well will be ready for use if it needs to be placed into service.

Flushing

Aqua performed a system wide flushing for the Windhaven water system from June 6 through June 10, 2016.

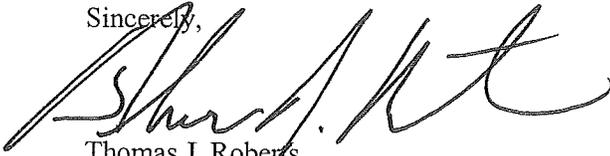
Customer Complaints

From June 2015 through June 2016, Aqua received no complaints from the customers at Windhaven.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl



Thomas J. Roberts, President and Chief Operating Officer
 O: 919.653.5770 • F: 919.460.1788 • TJRoberts@AquaAmerica.com

June 29, 2016

Mr. W. Allen Hardy
 Engineering Supervisor
 Public Water Supply Section
 1628 Mail Service Center
 Raleigh, NC 27699-1628

Re: Notice of Deficiency – Quarterly Status Report
 Iron and Manganese Concentration
 Woods of Ashbury Subdivision, Wake County
 WSF ID No.: Well #2, P02
 Water System No: NC0392388

Dear Mr. Hardy:

Aqua North Carolina, Inc. (Aqua) received the above-referenced letter dated February 24, 2016, regarding elevated concentrations of Iron (Fe) and Manganese (MN) at Woods of Ashbury Well #2, P02. The Woods of Ashbury water system is comprised of two active wells and two points of entry (POE). The current number of customers served is 56 and the system is approved to serve 56 connections. The table below outlines the run time and the latest iron and manganese concentrations collected as part of the ongoing Inorganic Chemical Analyses (IOC) samples collected at Well #2, P02.

QUARTERLY STATUS REPORT

TABLE 1: Run Time and IOC Analysis

Well Name and No.	Capacity (gpm)	12-Month Avg. Pump Runtime (hrs/day)	Most Recent Inorganic Sampling Results	
	Approved		Fe (mg/L)	Mn (mg/L)
Woods of Ashbury Well #2, P02 (Samples collected February 21, 2013)	28	0	2.0	0.06
Updated Information (Samples collected March 16, 2016)	28	1.4	0.512	0.0435

Page Two
Woods of Ashbury Subdivision Well #2, P02
June 29, 2016

Aqua collected a new IOC Compliance Sample on March 16, 2016, and the results are shown in the table above. The well pump and motor were replaced on March 9, 2016.

Also Well #2 was cleaned with dry ice and super chlorinated prior to the IOC sample collection. The well is currently in operation.

Flushing

The Woods of Ashbury water system will be flushed in September 2016.

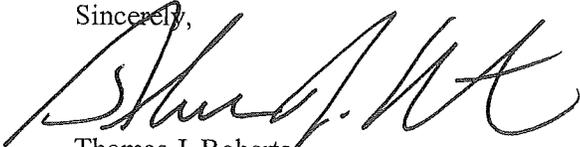
Customer Complaints

From April 2015 through April 2016 Aqua received no complaints from the customers at Woods of Ashbury.

Based on the updated information provided above, Aqua requests that this Notice of Deficiency be rescinded as well as the requirement to submit further quarterly status reports.

Aqua is committed to providing water to its customers that meets their expectations at a reasonable cost. If you have any questions or comments, please contact Rob Bonne at (919) 653-6982.

Sincerely,



Thomas J. Roberts
President and COO

TJR/rl