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November 4, 2019

Via Electronic Filing

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
400 North Street, 2nd Floor
Harrisburg, PA 17120

Re: PaPUC Docket No. M-2018-2645983
Pa. P.U.C. v. North Heidelberg Sewer Company

PaPUC Docket No. I-2018-3001161
Section 529 Investigation – North Heidelberg Sewer Company

Dear Secretary Chiavetta:

We are counsel to Aqua Pennsylvania Wastewater, Inc. (“Aqua”) concerning the above matters. In its Order entered February 9, 2018, at M-2018-2645983, the Public Utility Commission identified Aqua as receiver for the North Heidelberg Sewer Company and, in Appendix 1o of that Order, directed Aqua to “[s]ubmit an initial status report with the Commission within 60 days of assuming operations and then quarterly thereafter to detail any relevant updates pursuant to duties and responsibilities assigned through receivership.” As required by subpart 1o of Appendix A, we are submitting, via electronic filing with this letter, Aqua’s Seventh Status Report dated November 4, 2019. We are also filing the Seventh Status Report at I-2018-3001161, the Section 529 Investigation Docket. Please contact me with any questions concerning this matter.

Very truly yours,

THOMAS, NIESEN & THOMAS, LLC

By 

Thomas T. Niesen

Enclosure

cc: The Honorable Steven K. Haas (via email, w/encl.)
Carrie B. Wright, Prosecutor (via email, w/encl.)
Christine Maloni Hoover, Senior Assistant Consumer Advocate (via email, w/encl.)
John Evans, Small Business Advocate (via email, w/encl.)
Sean Cooper, Esq. (via email, w/encl.)
Tori L. Giesler, Esq. (via email, w/encl.)
Aaron J. Beatty, Esq. (via email, w/encl.)
Susan Simms Marsh, Esq. (via email, w/encl.)
John D. Hollenbach (via email, w/encl.)
Alexander R. Stahl, Esq. (via email, w/encl.)



**SEVENTH STATUS REPORT TO THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**NORTH HEIDELBERG SEWER COMPANY
AQUA PENNSYLVANIA WASTEWATER, INC. RECEIVERSHIP**

DOCKET NO. M-2018-2645983

DOCKET NO. I-2018-3001161

Dated: November 4, 2019

A. BACKGROUND

On February 9, 2018, the Pennsylvania Public Utility Commission (“PUC” or the “Commission”) entered an Order in Docket No. M-2018-2645983 (“February 9 Order”) naming Aqua Pennsylvania Wastewater, Inc. (“Aqua” or the “Company”) as receiver for the North Heidelberg Sewer Company (“NHSC”). Aqua was directed to assume its receivership role on March 5, 2018. Included within the PUC’s February 9 Order, the Company was directed to “[s]ubmit an initial status report with the Commission within 60 days of assuming operations and then quarterly thereafter to detail any relevant updates pursuant to duties and responsibilities assigned through receivership.”¹

Aqua submitted its initial status report on the operations of NHSC as directed by the Commission on May 4, 2018. Aqua submitted its second status report to the Commission on August 6, 2018. Aqua submitted its third status report to the Commission on November 5, 2018. Aqua submitted its fourth status report to the Commission on February 3, 2019. Aqua submitted its fifth status report to the Commission on May 7, 2019. Aqua submitted its sixth status report to the Commission on August 5, 2019. Aqua now submits its seventh status report on the operations of NHSC to the Commission.

B. SEVENTH STATUS REPORT

1. Operations and Capital Expenditures

On March 5, 2018, Aqua assumed its role as receiver for NHSC. Since the sixth status report, filed by Aqua on August 5, 2019, Aqua has made the following improvements to the NHSC system:

- i. Wastewater Treatment Plant: Aqua performed sludge and grit removal for all tanks, and cleaned and recoated the sludge and secondary equalization tanks. Repairs were made to the chemical feed pump and diffuser heads were replaced. Aqua also installed new stairs, rails, and a new hoist.
- ii. Supervisory Control and Data Acquisition (“SCADA”): Aqua installed SCADA at the Wastewater Treatment Plant and at Pump Station No. 0 (Ski Slope).
- iii. Pump Station No. 1 (Golf Course): New pumps were installed to replace the deteriorated pumps at the pump station.

During September 2019, there were exceedances of Fecal Coliform, Phosphorus and Total Suspended Solids (“TSS”) due to a malfunction of the ultraviolet (“UV”) system and intensity meter. Aqua replaced the UV bulbs and intensity meter. The UV system and intensity meter were inspected and are working properly. A copy of the September 2019 Discharge Monitoring Report is included in this status report as **Attachment A**.

¹ Pa. P.U.C. v. North Heidelberg Sewer Co., Docket No. M-2018-2645983, Opinion and Order Appendix A Paragraph 1.o. (Feb. 9, 2018).

As Aqua continues to operate the system to ensure compliance with the PUC's February 9 Order, Aqua will make improvements necessary to provide quality and reliable service. Aqua will have further information on operational issues in later reports.

2. Financial

In Aqua's fifth status report to the Commission, filed on May 7, 2019, Aqua submitted trial balances for NHSC for year-end 2017 and a balance sheet and income statement for NHSC as of March 5, 2018 which was the beginning of Aqua's receivership.

C. CONCLUSION

Aqua will continue to investigate the system's operations and financial status, and will make necessary improvements to operate NHSC to ensure quality service to the NHSC customers for the period of its receivership duties during the 529 proceeding. Aqua will provide its next status report on or before February 3, 2020.

ATTACHMENT A



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: NORTH HEIDELBERG SEW CO
 ADDRESS: PO BOX 609, BERNVILLE PA, 19506-0609
 FACILITY: NORTH HEIDELBERG STP
 LOCATION: KOENIG RD, BERNVILLE PA, 19506
 STAGE: Final Effluent

PA0033766	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 09/01/2019
 DMR Effective To: 09/30/2019
 Permit Expires: 04/30/2014
 Permit Application Due: 11/01/2013
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	2019	09	01	TO	2019	09	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	***	***	***	6.2	***	***	mg/L	1/day	Grab
	Permit Requirement	***	***		5.0 Min	***	***		1/day	Grab
pH (00400)	Sample Measurement	***	***	***	6.3	***	7.6	S.U.	1/day	Grab
	Permit Requirement	***	***		6.0 Min	***	9.0 IMAX		1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	3	9	lbs/day	***	18	54	mg/L	1/week	24-Hr Composite
	Permit Requirement	25 Avg Mo	40 Wkly Avg		***	30 Avg Mo	45 Wkly Avg		1/week	24-Hr Composite
Ammonia-Nitrogen (00610)	Sample Measurement	4	***	lbs/day	***	20	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	16 Avg Mo	***		***	20 Avg Mo	***		1/week	24-Hr Composite
Total Phosphorus (00665)	Sample Measurement	.30	***	lbs/day	***	1.2	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	.83 Avg Mo	***		***	1.0 Avg Mo	***		1/week	24-Hr Composite
Flow (50050)	Sample Measurement	.032	.050	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Measured
Fecal Coliform (74055)	Sample Measurement	***	***	***	***	7847	***	CFU/100 ml	1/week	Grab
	Permit Requirement	***	***		***	200 Geo Mean	***		1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	<1	2	lbs/day	***	<5	10	mg/L	1/week	24-Hr Composite
	Permit Requirement	21 Avg Mo	33 Wkly Avg		***	25 Avg Mo	40 Wkly Avg		1/week	24-Hr Composite
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: NORTH HEIDELBERG SEW CO
 ADDRESS: PO BOX 609, BERNVILLE PA, 19506-0609
 FACILITY: NORTH HEIDELBERG STP
 LOCATION: KOENIG RD, BERNVILLE PA, 19506
 STAGE: Raw Sewage Influent

PA0033766	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 09/01/2019
 DMR Effective To: 09/30/2019
 Permit Expires: 04/30/2014
 Permit Application Due: 11/01/2013
 No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	2019	09	01	TO	2019	09	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	Sample Measurement	66	124	lbs/day	***	284	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	Monitor & Report Avg Mo	***		1/week	24-Hr Composite
Total Suspended Solids (00530)	Sample Measurement	51	57	lbs/day	***	234	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	Monitor & Report Avg Mo	***		1/week	24-Hr Composite
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
NH Effluent September 2019.pdf	Daily Effluent Monitoring Form	2019-10-27T14:45:25-04:00	
NH Influent September 2019.pdf	Influent and Process Control Form	2019-10-27T14:45:51-04:00	
NH Sewage Sludge September 2019.pdf	Sewage Sludge / Biosolids Production and Disposal Form	2019-10-27T14:46:19-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
99655	09/01/2019	09/30/2019	Total Phosphorus	Average Monthly	1.2	1	mg/L	Final Effluent (001)	Other	Other	Chemical pump undersized. Replaced.
99656	09/01/2019	09/30/2019	Fecal Coliform	Geometric Mean	7847	200	CFU/100 ml	Final Effluent (001)	Other	Other	Chemical pump undersized. Replaced.
99657	09/01/2019	09/30/2019	Total Suspended Solids	Weekly Average	54	45	mg/L	Final Effluent (001)	Other	Other	Chemical pump undersized. Replaced.

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Jeff Grassely	197254	(610)-301-6241

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Michelle Steele	TELEPHONE		DATE		
steelem			(215)	368-3375	2019	10	28
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: North Heidelberg Sewer Company
 Municipality: Jefferson Township County: Berks
 Watershed: 3C

Month: September Year: _____
 NPDES Permit No.: 33766
 Renewal application due **180 days** prior to expiration.
 This permit will expire on: April 30, 2014

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0441								
2	0.0298								
3	0.0336	215.0	60	173.0	48				
4	0.0447								
5	0.0274								
6	0.0467								
7	0.0158								
8	0.0312								
9	0.0424								
10	0.0268	195.0	44	207.0	46				
11	0.0249								
12	0.0286								
13	0.0353								
14	0.0496								
15	0.0367								
16	0.0484								
17	0.0196	233.0	38	328.0	54				
18	0.0122								
19	0.0146								
20	0.0406								
21	0.0246								
22	0.0394								
23	0.0328								
24	0.0302	492.0	124	228.0	57				
25	0.0311								
26	0.0305								
27	0.0363								
28	0.0455								
29	0.0296								
30	0.0246								
31									
Avg	0.033	284	66	234	51				
Max	0.05	492	124	328	57				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn statements).

Prepared By: Michelle Steele

License No.: _____

From: depgreenporthelpdesk@state.pa.us
Subject: Your eDMR Report Has Been Received For Permit No. PA0033766
Date: October 28, 2019 at 12:05 PM
To: msteele@eema-inc.com, msteele@eema-inc.com, amhorst@yahoo.com, david.smith3742@gmail.com, selectenvironmental@gmail.com



This email is to confirm that the following report was received by DEP through the eDMR system:

Facility Name: NORTH HEIDELBERG STP
Permit Number: PA0033766
Report Frequency: Monthly
Report Type: DMR
Reporting Period: 09/01/2019-09/30/2019
Report Due Date: 10/28/2019

Submitted By: Michelle Steele
Submission Id: 173430
Submission Status: Received
Submission Type: Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.