

MARK J. SHAW, ESQ.
ADMITTED IN PA AND OH
DIRECT DIAL 814-870-7607
E-MAIL: MSHAW@MIJB.COM

September 9, 2026

VIA ELECTRONIC SUBMISSION

Mr. Matthew Homsher
Secretary of the Commission
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

Re: Conneaut Lake Park Water Corporation, Inc. Tariff Supplement No. 3 to Water - Pa.
P.U.C. No. 1
Docket No. R-2026-3064386

Dear Mr. Homsher:

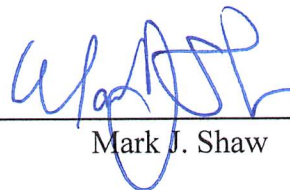
Attached please find Conneaut Lake Park Water Corporation, Inc.'s Response to TUS Data Request Set 2 in the above-captioned proceeding. An electronic copy of this letter and Certificate of Service are being filed through the Commission's eFiling portal.

Copies have been served in accordance with the attached Certificate of Service. If you have any questions or require additional information, please feel free to contact me at your convenience.

Very truly yours,

MacDONALD, ILLIG, JONES & BRITTON LLP

By _____



Mark J. Shaw

MJS/nes/4923-1450-6187 v.1

Attachments

cc: Paul Zander, Bureau of Technical Utility Services (*via e-mail*)
All Parties of Record

CERTIFICATE OF SERVICE

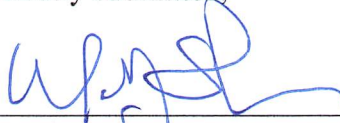
I hereby certify that I have this 9th day of September, 2026, served a true and correct copy of the foregoing document upon the parties listed below via e-mail (unless otherwise indicated) and in accordance with the requirements of 52 Pa. Code §1.54 (relating to service by a party):

Allison C. Kaster, Esq.
Michael A. Podskoch, Esq.
Adam J. Williams, Esq.
Pennsylvania Public Utility Commission
Bureau of Investigation and Enforcement
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120
akaster@pa.gov
mpodskoch@pa.gov
adawilliam@pa.gov

Harrison W. Breitman, Esq.
Janna E. Williams, Esq.
Ryan Morden, Esq.
Office of Consumer Advocate
555 Walnut Street, 5th Floor
Forum Place
Harrisburg, PA 17101
hbreitman@paoca.org
jwilliams@paoca.org
rmorden@paoca.org

Rebecca Lyttle, Esq.
Assistant Small Business Advocate
Office of Small Business Advocate
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555 Walnut Street, 1st Floor
Harrisburg, PA 17101
relyttle@pa.gov

Respectfully submitted,



Mark J. Shaw, Esq. (Pa. I.D. No. 50763)
Julia T. Guerrein, Esq. (Pa. I.D. No. 336736)
MacDONALD, ILLIG, JONES & BRITTON LLP
100 State Street, Suite 700
Erie, Pennsylvania 16507-1459
(814) 870-7607
(814) 870-7667

Attorneys for:
Conneaut Lake Park Water Corporation, Inc.

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- R-18. Please provide copies of all Pennsylvania Department of Environmental Protection (DEP) inspection reports, notices of violation (NOVs), and public notifications sent to Conneaut's customers related to DEP's inspection of Conneaut's facilities on January 4, 2024, Inspection Identification No. 3672843, and Violation Identification Nos. 8171077, 8171079-8171089, and 8171091-8171092.

RESPONSE: No customer notices were required.

Responsible Witness: Jaclyn McCoy
Date: September 8, 2026

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- R-19. Please provide copies of all NOVs and public notifications sent to Conneaut's customers related to DEP's inspection of Conneaut's facilities on August 22, 2025, Inspection Identification No. 4040236, and Violation Identification No. 8245619.

RESPONSE: None.

Responsible Witness: Jaclyn McCoy
Date: September 9, 2026

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- R-20. Please provide copies of all DEP inspection reports, NOVs, and public notifications sent to Conneaut's customers related to DEP's inspection of Conneaut's facilities on August 4, 2026, Inspection Identification No. 4249773, and Violation Identification Nos. 8283183-8283184.

RESPONSE: See attached as Exhibit 6.

Responsible Witness: Jaclyn McCoy
Date: September 8, 2026

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- R-21. Please provide breakdown of Violation Identification Nos. 8171077, 8171079-8171089, 8171091-8171092, 8245619, and 8283183-8283184 that identifies, for each violation, whether each violation is resolved, the date that each violation was or will be resolved, and Conneaut's plan to address each unresolved violation.

RESPONSE: Listed below are the violations and their status

1. 25 Pa Code §109.501 (8171077) - The public water supplier failed to obtain a public water supply permit for a treatment process.

Response: This violation relates to the addition of sodium silicate to the treatment system. Sodium silicate has been used as a treatment in the system for many years. When the permit was transferred, it was dropped from the permit. It is the Company's position that sodium silicate is necessary for this system due to the age of the piping because it acts as a corrosion inhibitor forming a protective film on pipes to prevent rust and lead/copper leaching. The addition of sodium silicate is actually enhancing the safety of the system.

On July 10, 2026, the Company received an Emergency Permit from the Department of Environmental Protection, allowing the following:

This Emergency Permit grants Conneaut Lake Park Water Corporation, Inc. the ability to feed sodium silicate on a temporary basis. For Conneaut Lake Park Water Corporation, Inc. to maintain the sodium silicate as a treatment process, a permit application must be submitted to the Department to request that the chemical feed be permitted for permanent use.

The Permit requires the Company to submit a complete Public Water Supply Permit Application requesting a minor modification covering, in part, the sodium silicate as a treatment process by September 11, 2026. The Company anticipates submitting this minor permit application by the deadline.

2. 25 Pa Code §109.501 (8171079) Violations exist that are deemed to be a significant deficiency relating to the treatment plant or treatment processes.

Response: See Response to No. 1 above with respect to the Sodium Silicate. With respect to the "raw and finished water bypass", this relates to a valve that connects the raw water line and the finished water line. This valve will be removed as part of the improvement project.

3. 25 Pa Code §109.602 (8171080) The chemical storage tanks do not have secondary containment sufficient to hold the volume of 110% of the largest tank to prevent accidental discharge in the event of a spill or overflow. This does not meet the design standards set forth in the Public Water Supply Manual. This was resolved shortly after the inspection.

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Response: Section 109.602 falls under Subchapter F, which is titled, "Design and Construction Standards." Requirements under Subchapter F only apply when you are designing and constructing a water system. They do not technically apply retroactively to force each system to be updated to meet new standards. In fact, Section 109.601 states specifically, "Standards in this subchapter apply to design and construction of public water systems and system modifications, regardless of whether a Department permit or permit amendment is required. The standards apply to new facilities and facility modifications unless otherwise specifically indicated." The water system here is not a new facility nor has it been modified.

Regardless, this item has been corrected as described in the Rebuttal Testimony of Matthew Elchert, owner Keystone Water Systems, LLC, which is the Certified Operator of the water system, at page 4, lines 7-10.

4. 25 Pa Code §109.602 (8171081) - External ladders and/or tank hatches are not locked, which does not meet the design standards set forth in the Public Water Supply Manual.

Response: Section 109.602 falls under Subchapter F, which is titled, "Design and Construction Standards." Requirements under Subchapter F only apply when you are designing and constructing a water system. They do not technically apply retroactively to force each system to be updated to meet a new standards. In fact, Section 109.601 states specifically, "Standards in this subchapter apply to design and construction of public water systems and system modifications, regardless of whether a Department permit or permit amendment is required. The standards apply to new facilities and facility modifications unless otherwise specifically indicated." The tank here is not a new facility nor has it been modified.

Regardless, the water tank of the Company is projected to be repaired as part of Phase 2 of the improvements, which will include correcting this issue. Phase 2 of the improvements is expected to occur in early to mid-2027.

5. 25 Pa Code §109.602 (8171082) - The chemical feed pump plastic tubing is not as short as possible and/or is not sloped to permit draining, which does not meet the design standards set forth in the Public Water Supply Manual.

Response: Section 109.602 falls under Subchapter F, which is titled, "Design and Construction Standards." Requirements under Subchapter F only apply when you are designing and constructing a water system. They do not technically apply retroactively to force each system to be updated to meet a new standards. In fact, Section 109.601 states specifically, "Standards in this subchapter apply to design and construction of public water systems and system modifications, regardless of whether a Department permit or permit amendment is required. The standards apply to new facilities and facility modifications unless otherwise specifically indicated." The water system here is not a new facility nor has it been modified.

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Regardless, this item has been corrected as described in the Rebuttal Testimony of Matthew Elchert, owner Keystone Water Systems, LLC, which is the Certified Operator of the water system, at page 5, lines 5-8. This was resolved shortly after the inspection.

6. 25 Pa Code §109.608 (8171083) - Appropriate backflow prevention devices are not installed, maintained and/or tested on all cross connections within the treatment plant.

Response: Section 109.608 falls under Subchapter F, which is titled, "Design and Construction Standards." Requirements under Subchapter F only apply when you are designing and constructing a water system. They do not technically apply retroactively to force each system to be updated to meet a new standards. In fact, Section 109.601 states specifically, "Standards in this subchapter apply to design and construction of public water systems and system modifications, regardless of whether a Department permit or permit amendment is required. The standards apply to new facilities and facility modifications unless otherwise specifically indicated." The water system here is not a new facility nor has it been modified.

This item will be addressed when the upgrades are performed.

7. 25 Pa Code §109.301 (8171084) - Required performance monitoring samples are not collected as specified in the regulations.

Response: This relates to collecting arsenic samples for system performance monitoring. The performance monitoring samples will resume after the Phase 1 work is completed.

8. 25 Pa Code §109.303 (8171085) - Distribution system samples are not collected in accordance with monitoring plans.

Response: This item has been corrected as described in the Rebuttal Testimony of Matthew Elchert, owner Keystone Water Systems, LLC, which is the Certified Operator of the water system, at page 6, lines 10-22.

9. 25 Pa Code §109.504(c) (8171086) - The chemicals, treatment equipment, size of chemical pump and/or injection point locations being used for the treatment are the same as those specified in the water system permit.

Response: This item relates to the addition of sodium silicate. See response No. 1 above.

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10. 25 Pa Code §109.4 (8171087) - The water system has not inspected the interior of the storage tank within the last five years. AWWA Standard M42 recommends that storage tanks are cleaned and inspected no less than once every five years.

Response: The Department refers to guidance provided by the American Waterworks Association (AWWA) for the standard it claims the Company is not compliant with; however, this is just a guidance and is not a law or regulation which the Company is violating. Further, the tank was inspected on January 29, 2026.

Regardless, the water tank of the Company is projected to be repaired as part of Phase 2 of the improvements, which will include correcting this issue. Phase 2 of the improvements is expected to occur in early to mid-2027.

11. 25 Pa Code §109.4 (8171088) - The exterior coating of the storage tank is peeled, cracked, rusted, covered in vegetation or in need of cleaning.

Response: The Company disagrees with the Department's position that the above constitutes a violation of the regulations. Regardless, the vegetation has been removed by the Company and the water tank is projected to be repaired as part of Phase 2 of the improvements, which will include correcting this issue. Phase 2 of the improvements is expected to occur in early to mid-2027.

12. 25 Pa Code §109.701(g)(2) (8171089) - The water system does not have a Stage 2 DBPR Compliance Monitoring Plan that contains all required elements.

Response: This relates to Violation 8171085, which is No. 8 above. This item has been corrected as described in the Rebuttal Testimony of Matthew Elchert, owner Keystone Water Systems, LLC, which is the Certified Operator of the water system, at page 6, lines 10-22 and page 7, lines 15-20.

13. 25 Pa Code §109.718 (8171091) - The water system does not review the Comprehensive Monitoring Plan annually and update it as necessary.

Response: This relates to the Company's recent reliance only on one of its two wells, while the plan references two wells. These wells are to be repaired under Phase 1 of the improvements. Once that is completed, the Compliance Monitoring Plan will be updated to reflect the updated system. Phase 1 is expected to be completed in the fall of 2026.

14. 25 Pa Code §109.706 (8171092) - The water system does not have a detailed map of the water system that contains all of the required elements.

Response: The mapping of the system is planned to be conducted as part of the improvement project.

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15. 8245619

Response: The Company has no record of receiving Violation Identification No. 8245619. It has reached out to the Department, but has not yet received a response.

16. 25 Pa Code §109.4(2) (8283183) - Failure or Significant interruption in key water treatment processes.
25 Pa Code §109.4 (8283185) - Other violations deemed to be significant deficiencies

Response: Both of these relate to the Department's determination that "Conneaut Lake Park exceeded the Maximum Contaminant Level ("MCL") of 0.010 for Arsenic during the 2025 and 2026 monitoring period. The running annual average of the results reported for Entry Point 101 was 0.011 Mg/L."

The Company has been watching the arsenic numbers for some months now. The Company had an arsenic test result in excess of 0.10 mg/l in the spring of 2026 that resulted in higher annual average arsenic results. Arsenic compliance is measured based on a rolling annual average. As a result of this rolling average, the violation did not show up until the Department's calculation of the rolling average for the second quarter of 2026. The Company has asked the Department for its calculations to confirm the Department's conclusion that the MCL was exceeded.

Since the Spring 2026, the Company has increased the backwashing of the system. The last two quarterly samples were in compliance with the MCL. The Company presently is looking to conduct an improvement project on the water treatment system and building that would include changing out the treatment media. The Company expects this to resolve the arsenic issue. The Company has obtained a temporary emergency permit from the Department for this and other work and is finalizing a PennVest loan application to cover the cost of the work. The Company expects this work to be completed by the 12/2/2026 deadline in the NOV.

Responsible Witness: Matthew Elchert
Date: September 8, 2026

**Conneaut Lake Park Water Corporation's Responses to TUS Data Request Set 2
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- R-22. Please provide a copy of Conneaut's Public Water Supply (PWS) Permit Application filed with DEP on July 8, 2026.

RESPONSE: See attached Exhibit 7.

Responsible Witness: Steven Halmi

Date: September 8, 2026

**Conneaut Lake Park Water Corporation's Responses to TUS Data Request Set 2
Conneaut Lake Park Water Corporation, Inc. Tariff Supplement No. 3 to
Water - Pa. P.U.C. No. 1 at Docket No. R-2026-3064386**

- R-23. Please provide a copy of Conneaut's PWS Permit No. 6200018-26E1, issued on July 10, 2026, and DEP's approval letter.

RESPONSE: See attached Exhibit 8.

Responsible Witness: Todd Joseph
Date: September 8, 2026

Conneaut Lake Park Water Corporation's Responses to TUS Data Request Set 2
Conneaut Lake Park Water Corporation, Inc. Tariff Supplement No. 3 to
Water - Pa. P.U.C. No. 1 at Docket No. R-2026-3064386

- R-24. Please identify the status of Conneaut's PWS permit application to permanently add the chemical that DEP temporarily authorized Conneaut to use under PWS Permit No. 620018-26E1 and provide a copy of Conneaut's PWS permit application filed with DEP.

RESPONSE: The Company's engineer is working on the permit application. It is not due until September 11, 2026. The Company will provide a copy of the application when it is submitted to the Department.

Responsible Witness: Steven Halmi
Date: September 8, 2026

Tier 2 Public Notice

CHEMICAL OR RADIOLOGICAL MAXIMUM CONTAMINANT LEVEL (MCL) EXCEEDANCE

Violation of the MCL for a chemical or radiological contaminant requires a Tier 2 notice. Tier 2 notices should answer the most common questions people will have about the violation.

These instructions can be used to complete the accompanying public notice template. When you place your cursor in the blank form fields in the following template, look at the bottom left corner of your computer (just above the START button) for instructions on the information you should enter in that field. For example, if you place your cursor over the first blank form field in the template, the instructions will read "Insert system name."

Community Delivery Requirements

Community water suppliers must provide within 30 days, a Tier 2 PN to **each customer** using one or more of the following forms of **direct delivery**:

- Hand delivery
- Postal mail
- Electronic mail

Additional forms of delivery should be used to reach other persons regularly served by the system if they can't be reached by one of the methods above. For example, in addition to sending a notice directly to bill payers, a water supplier may publish the notice in a local newspaper, or post it in public places served by the system or on the Internet. If you sell or provide water to another public water system, the notice must also be delivered to the owner or operator of that system.

Noncommunity Delivery Requirements

Noncommunity water suppliers must provide a Tier 2 PN within 30 days to consumers using one of the following methods:

- Posting in conspicuous locations
- Hand delivery
- Postal mail
- Electronic mail
- Another method reasonably designed to reach other persons served by the system if they can't be reached by the above-bulleted methods

Multilingual Requirements

To meet the multilingual requirements, you must include, at a minimum, information in Spanish regarding the importance of the notice. The Department will notify you if, and when, you need to include information in any other language. The required sentences in Spanish are provided for you in this template.

Mandatory Language

Mandatory language on health effects and special notice language must be included in this notice in italics. The mandatory health effects language for the contaminant for which this notice is being issued can be found in **Appendix B** of the Environmental Protection Agency's *PN Handbook*, which can be obtained at: <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P1006ROA.txt>

The mandatory health effects language should be inserted under the "**What does this mean?**" section of the template in the form field after the word "However".

Corrective Actions

In your notice, under the “**What happened? What was done?**” section of the template, describe corrective actions you are taking. Do not use overly technical terminology when describing treatment methods. Listed below are some steps commonly taken by water systems with chemical or radiological violations. Use one or more of the following actions, if appropriate, or develop your own:

- We are working with DEP to evaluate the water supply and researching options to correct the problem. These options may include treating the water to remove [Insert Contaminant Name] or connecting to [Insert purchased water system name's water supply] water supply.
- We have stopped using the contaminated well. We have increased pumping from other wells, and we are investigating drilling a new well.
- We will increase the frequency at which we test the water for [Insert Contaminant Name].
- We have since taken samples at this location and had them tested. They show that we meet the standards.
- Repeat Notices: If this is an ongoing violation and/or levels fluctuate above and below the MCL, you should give the history behind the violation, including the source of contamination, if known. List the date of the initial detection, as well as how levels have changed over time. If your levels are changing as a result of treatment, you can indicate this.

Contact Information

Provide your name, business address and phone number or those of a designee of the public water system as a source for additional information concerning the notice.

Mandatory Statement to Encourage Distribution of the Notice to Others

Use the **mandatory** statement provided in *italics* on the following template to encourage notice recipients to distribute the notice to others, where applicable. You may not change this wording.

PN Certification

Send a copy of each type of notice distributed, published, posted and made available to persons served by the system and to the media and the certification form (3930-FM-BSDW0076) to your local DEP office within ten days after you issued the notice. To determine the contact information and mailing address of your local DEP office, input 3930-FM-BSDW0560 into the document number field in the search area of the DEP online e-library at:

<http://www.depgreenport.state.pa.us/elibrary/Search>



IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

CHEMICAL OR RADIOLOGICAL MAXIMUM CONTAMINANT LEVEL (MCL) EXCEEDANCE

ESTE INFORME CONTIENE INFORMACIÓN IMPORTANTE ACERCA DE SU AGUA POTABLE. HAGA QUE ALGUIEN LO TRADUZCA PARA USTED, O HABLE CON ALGUIEN QUE LO ENTIENDA.

Conneaut Lake Park Has Levels of arsenic
Above Drinking Water Standards

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we did to correct this situation.

We routinely monitor for drinking water contaminants. Testing results we received on a Rolling Annual Average (RAA) show that our system exceeds the standard, or maximum contaminant level (MCL), for arsenic. The standard for arsenic is 0.010 mg/l. Arsenic was found at a level of 0.011 mg/l in your drinking water.

What should I do?

- There is nothing you need to do. You do not need to boil your water or take other corrective actions. However, if you have specific health concerns, consult your doctor.
- If you have a severely compromised immune system, have an infant, are pregnant, or are elderly, you may be at increased risk and should seek advice from your health care providers about drinking this water.

You do not need to use an alternative (e.g., bottled) water supply. However, if you have specific health concerns, consult your doctor.

What does this mean?

This is not an immediate risk. If it had been, you would have been notified immediately. However, some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.

What happened? What was done? The water treatment media used to remove arsenic in the water and the backwash system used to flush the media are slated for replacement by park ownership.

We anticipate resolving the problem within It will resolve when we close on the Pennvest

For more information, please contact loan Jaclyn McCoy at 814-225-7985.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Jaclyn McCoy.

PWS ID#: 6200018

Date distributed: 8/28/2026



105 Meadville Street, Edinboro PA 16412

Ph. 814.734.3640

July 7, 2026

Mr. Brad C. Schott, P.E.
Pa. Dept. of Environmental Protection
230 Chestnut Street
Meadville, PA 16335

Re: PWSID No. 6200018
Conneaut Lake Park Water System
Summit Township, Crawford County

Dear Mr. Schott:

As we discussed, the Conneaut Lake Park Water System is requesting an Emergency Permit to replace their two existing vertical line shaft well pumps with new submersible well pumps. No changes to treatment are currently proposed, except to replace the Greensand Plus media with the same media, and to eliminate the recycling of backwash water through the treatment filters. Enclosed are the following documents:

- \$100 application fee paid through PaDEP's Public Upload with Payment Submission
- PWS Emergency Permit Application
- Module 13
- Design Engineer's Report including location map, treatment schematic, well pump head calculations, and manufacturer specifications

Please let me know if you have any questions or if you need any additional information.

Very truly yours,
DEISS & HALMI ENGINEERING, INC.

A handwritten signature in black ink, appearing to read 'Steven R. Halmi', is written over a horizontal line.

Steven R. Halmi, P.E.

Encl.

cc: Todd Joseph (by email w/ encl.)
Matt Elchert (by email w/ encl.)
Sparkie Edwards (by email w/ encl.)

Application



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER

DEP USE ONLY

DATE RECEIVED

Public Water Supply Emergency Permit Application

Before completing form, read the step-by-step instructions provided.

Applicants should contact their [Regional Office](#) prior to submitting the application.

You can track the status of your application using the Department of Environmental Protection's online Permit Tracker, available at www.pa.gov/agencies/dep/data-and-tools/track-permits. Instructions can be found on the Permit Tracker's home page under "Learn more about permit tracking."

A. Applicant Information

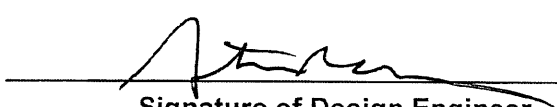
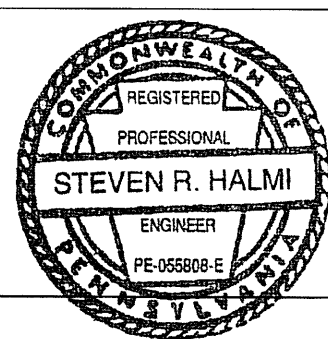
PWS Name:	Conneaut Lake Park Water System			PWSID No.	6200018
Street Address:	12406 Reed Ave.				
City:	Conneaut Lake	State:	PA	Zip/Postal Code:	16316
Phone:	814-720-3413	Email:	jaclyn3413@gmail.com		

B. Emergency Permit Justification

Emergency Situation

1. Describe the cause of the Emergency Situation:	The system has only two sources. Well No. 1 is out of service, and the system has concerns about the reliability of the Well No. 2 pump.
2. Describe the area within the system affected by the Emergency Situation:	Wells within the treatment building.
3. Describe the anticipated duration of the Emergency Situation. Include a construction schedule, Planned Opening / Startup Dates:	The well pumps need replaced as soon as possible. When the emergency permit is issued, new pumps will be ordered immediately and it is anticipated that the new pumps will take approximately 4 weeks for delivery, then approximately 2 weeks for installation.
4. Describe the procedures by which the public was notified of the Emergency Situation:	There has been no affect as of yet on water quality or quantity, so the public has not been notified.
5. Describe any immediate concerns:	There are no immediate health concerns.
6. Describe what other measures have been taken prior to this Emergency Permit Request:	The system has contacted vendors for replacement pumps and pump repairs. The availability of parts for repair or replacement of the current well pumps is dubious.
7. Describe the request the PWS is proposing to make as a part of this Emergency Permit Request:	To replace the current vertical line shaft pumps with new submersible well pumps in both Well No. 1 and Well No. 2.
8. Who at DEP was contacted to discuss this Emergency Permit Request?	Brad Schott, P.E., Environmental Engineer Manager

C. Proposed Construction/Modifications		
☐ Interconnection (Module 3C)	☐ Finished Water Storage (Module 14)	☐ Chemicals and Chemical Handling (Module 12)
☐ Disinfection (Module 8)	☐ Transmission Main (Module 15A)	☐ Other
☒ Pumping Station(s) (Module 13)	☐ Bulk Water Hauling (Module 17)	☐ Other
D. Additional Required Submittals		
9. Verify an Engineer's Report was included with the application.	☒ Yes ☐ No	
10. Verify the Engineer's Report includes the following:	☒ A detailed description of the proposed work ☒ A detailed description of all required work/repairs and emergency water system repairs ☒ A proposed construction schedule including estimated startup, opening, and conclusion dates	
11. Verify the following are included with the application:	☒ Specifications for all Proposed Equipment / Materials ☒ All Necessary Calculations ☒ Treatment System Schematic / Piping Configuration / etc.	
12. To bring a Reserve Source back into use:	☐ Proof the requirements set forth in 25 PA Code, Chapter 109.703(d) 1) Completion of source water monitoring in accordance with § 109.503(a)(1)(iii)(D)(I)—(XI), (XIII) and (XV) (relating to public water system construction permits) prior to use. The Department will consider previous source water monitoring results for samples that were collected within the most recent three years. Compliance monitoring in accordance with § 109.301(15) (relating to general monitoring requirements) for reserve entry points shall continue so long as the reserve source, treatment plant or entry point is in use. 2) Documentation that source water monitoring specified in § 109.503(a)(1)(iii)(D)(XII) and (XIV) has been completed. 3) A determination and certification by the water supplier, after reviewing monitoring data obtained in accordance with paragraph (1) that use of the reserve source, treatment plant or entry point will not adversely impact treatment efficacy and that an adequate treatment strategy is in place so that the finished water will comply with all applicable drinking water standards. ☐ Simultaneous Compliance Report	
13. Emergency Permit Fee	☐ \$100 check paid to the "Commonwealth of PA" ☒ \$100 paid through PA DEP's Public Upload with Payment Submission Page	

E. Certification and Signatures							
Responsible Official							
Name:	Todd Joseph			Title:	Owner		
Street Address:	713 Broad Acres						
City:	Narbeth		State:	PA	Zip/Postal Code:	19072	
Telephone No.:	610-563-7556		Email Address:	tjosephproperties@hotmail.com			
Design Engineer							
Design Engineer Name:	Steven R. Halmi, P.E.						
Firm Name:	Deiss & Halmi Engineering, Inc.						
Street Address:	105 Meadville Street						
City:	Edinboro		State:	PA	Zip/Postal Code:	16412	
Telephone No.:	814-734-3640		Email Address:	shalmi@deisshalmi.com			
 Signature of Design Engineer				Design Engineer's Seal			
							
Date:	July 7, 2026						

Permit No. (For Department Use Only)

Type of Units		Number of Units	Capacity (MGD)
Submersible well pumps		2	180 GPM each
	Total		

1. Are the pumping stations designed to maintain the sanitary quality of pumped water?	☒ Yes	☐ No
2. Are subsurface pits, subsurface pump rooms and inaccessible installations avoided?	☒ Yes	☐ No
3. For surface water sources, does the design of the intake conduit and the suction well prevent clogging caused by trash, silt settling or ice formation?	☐ Yes	☐ No ☒ N/A

1.	Are the pumping stations located so that the proposed site will meet the requirements of the:		
a.	sanitary protection of water quality?	☒ Yes	☐ No
b.	hydraulics of the system?	☒ Yes	☐ No
c.	protection against interruption of service by fire, flood, or any other hazard?	☒ Yes	☐ No
2.	Is the elevation of the station site at a minimum of 1 foot above the highest recorded flood elevation and 3 feet above the 100-year flood elevation, or suitably protected to such an elevation?	☐ Yes	☒ No
3.	Is the station site accessible at all times regardless of floods or other hazards by reasonably passable roads or other practical means of access?	☒ Yes	☐ No
4.	Is all surface drainage led away from the pumping station?	☒ Yes	☐ No
5.	Is the ground graded and landscaped?	☒ Yes	☐ No
6.	Are provisions made to prevent the entrance of animals and unauthorized persons?	☒ Yes	☐ No
7.	Does the site have ample space for future growth and expansion?	☐ Yes	☒ No

☐ N/A

1.	Does the building have adequate space for the installation and safe servicing of all equipment?	☒ Yes	☐ No
2.	Is space provided for additional pump units?	☐ Yes	☒ No
3.	Is the building built of masonry or other fire and weather resistant material with outward or upward opening doors?	☒ Yes	☐ No
4.	Is the floor elevation at least 6 inches above the finished grade?	☐ Yes	☒ No
5.	Is the underground structure of the building waterproofed?	☒ Yes	☐ No
6.	Are all floors, dry wells, and meter pits drained without impairing the quality of water handled by the station?	☒ Yes	☐ No

Date Prepared 7/7/2026 Date Revised	PUBLIC WATER SUPPLY MODULE 13 – PUMPING STATIONS (cont'd.)	Permit No. (For Department Use Only)
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C. PUMPING STATION BUILDING (continued)

7. Do all floors which contain equipment or water piping slope at least 3 inches for every 10 feet to the point of drainage?	☐ Yes	☒ No	
8. Is the structure of the suction wells waterproof?	☐ Yes	☐ No	☒ N/A
a. Do floors have sufficient slope to permit the removal of water and any entrained solids?	☐ Yes	☐ No	
b. Are they covered or otherwise protected against surface pollution?	☐ Yes	☐ No	
9. Are crane-ways, hoist beams, eyebolts or other features provided for servicing or removing pumps, motors and other heavy equipment?	☐ Yes	☒ No	
10. Where necessary, are openings provided in the station floors, roofs or wherever else needed for removing pumps, motors and other heavy equipment?	☒ Yes	☐ No	☐ N/A
11. Are a tool board and other features provided for the operation and maintenance of the equipment?	☒ Yes	☐ No	
12. Are stairways or ladders which meet the regulations of the Department of Labor and Industry provided between all floors and in all pits or compartments which must be entered by personnel?	☐ Yes	☐ No	☒ N/A
13. Are provisions made for adequate heating?	☒ Yes	☐ No	
14. Is ventilation provided for all pumping stations?	☐ Yes	☒ No	
15. Is adequate forced ventilation provided for all rooms, compartments, pits and other enclosures below the grade floor which will be entered by personnel or where excessive heat may build up from equipment?	☐ Yes	☐ No	☒ N/A
16. Does the ventilation provide at least six changes of air per hour?	☐ Yes	☐ No	
17. Are switches for operation of ventilation equipment marked and conveniently located?	☐ Yes	☐ No	
18. Where moisture is a concern, has dehumidifying equipment been installed?	☐ Yes	☐ No	☒ N/A
19. Does the ventilation conform to the existing state and/or local codes?	☐ Yes	☐ No	
20. Is the station adequately lighted?	☒ Yes	☐ No	
21. Does all electrical work conform to the requirements of the National Board of Fire Underwriters and to relevant state and/or local codes?	☒ Yes	☐ No	
22. Except in the case of small automatic stations where such facilities are otherwise available, are all pumping stations provided with lavatory and toilet facilities, and with potable water?	☐ Yes	☐ No	☒ N/A
23. Are washrooms and office facilities provided at all large pumping stations?	☐ Yes	☐ No	☒ N/A
a. Is plumbing so located and installed as to prevent the possibility of contamination of the public water supply?	☐ Yes	☐ No	☐ N/A
b. Is the waste discharge approved by DEP?	☐ Yes	☐ No	☐ N/A

D. PUMPING UNITS (PWS Manual, Part II, Section VI, D and E)

1. Do pumping station units and auxiliary equipment have ample capacity to supply the peak demand without dangerous overloading?	☒ Yes	☐ No	
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Date Prepared 7/7/2026 Date Revised	PUBLIC WATER SUPPLY MODULE 13 – PUMPING STATIONS (cont'd.)	Permit No. (For Department Use Only)
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D. PUMPING UNITS (continued)

2. Are two pumping units installed where there will not be ample time available between pumping periods for necessary repairs?	☒ Yes	☐ No	☐ N/A
3. If only two units are provided, do they have equal capacity and is each able to supply the peak demand?	☒ Yes	☐ No	☐ N/A
4. Where more than two pumping units are installed, do they have a sufficient capacity that with any one pump out of service the remaining pumps will supply the maximum demand?	☐ Yes	☐ No	☒ N/A
5. Are spare parts and tools readily available?	☒ Yes	☐ No	
6. Are booster pumps located and controlled so that they will not produce negative pressure upon their suction line?	☐ Yes	☐ No	☒ N/A
a. Is the intake pressure at least 20 pounds per square inch when the pump is in normal operation?	☐ Yes	☐ No	
b. Is the automatic cutoff pressure at least 5 pounds per square inch in the suction line or a predetermined positive pressure as approved by DEP?	☐ Yes	☐ No	
c. Does the automatic or remote control device have a large range between the start and cutoff pressure?	☐ Yes	☐ No	
7. Is suction lift avoided insofar as it is possible?	☐ Yes	☐ No	☒ N/A
8. Are the pumps so located that they will be within the allowable suction lift, as specified by the manufacturer?	☐ Yes	☐ No	☒ N/A
9. Is the suction lift less than 15 feet?	☐ Yes	☐ No	☒ N/A
10. Where suction lift cannot be avoided, is provision made for priming the pumps?	☐ Yes	☐ No	☒ N/A
11. Is the water that is used for priming equal in sanitary quality to that delivered by the pumps?	☐ Yes	☐ No	☒ N/A
a. Are means provided to prevent any cross-connection?	☐ Yes	☐ No	☐ N/A
b. When an air-operated ejector is used for exhausting air from the suction pipe, is it screened where necessary?	☐ Yes	☐ No	☐ N/A
12. Is the discharge line of each pump provided with a:			
a. shutoff valve?	☒ Yes	☐ No	
b. check valve, located between the pump and the shutoff valve?	☒ Yes	☐ No	
13. When the pumps are operating with positive suction head, are shutoff valves also placed on the suction lines?	☐ Yes	☐ No	☒ N/A
14. Are potential sediment/gas traps eliminated by sloping the pipes in one direction to drains and by the installation of adequate cleanouts?	☐ Yes	☒ No	
15. Does each pump have an individual suction line, or are the lines so manifolded that they will insure similar hydraulic and operating conditions?	☒ Yes	☐ No	
16. Is any suction pipe or manifold piping which is either buried in the ground or submerged in nonpotable water and is between a finished water reservoir and a pumping unit so designed and constructed that it will be under positive head at all times?	☐ Yes	☐ No	☒ N/A
17. Does each pump have a standard type gauge, or equivalent, on its discharge line and a compound gauge on its suction line?	☐ Yes	☒ No	
18. Are recording gauges installed at larger stations?	☐ Yes	☐ No	☒ N/A
19. Have provisions been made for measuring the discharge of each pump?	☒ Yes	☐ No	

Date Prepared 7/7/2026 Date Revised	PUBLIC WATER SUPPLY MODULE 13 – PUMPING STATIONS (cont'd.)	Permit No. (For Department Use Only)
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D. PUMPING UNITS (continued)

20. Have provisions been made for measuring the <u>total</u> water pumped by the station?	☒ Yes	☐ No	
21. Is the total pumped water measured by an indicating, recording and integrating meter?	☒ Yes	☐ No	
22. Is provision made to protect pipe lines against the effect of surge or water hammer?	☒ Yes	☐ No	
23. Is each pump driven by a motor that is able to operate against the maximum heads, discharge rates and temperatures which may be encountered?	☒ Yes	☐ No	
24. If water seals are used, are they supplied with water of a quality equal to that being pumped?	☐ Yes	☐ No	☒ N/A
25. Where pumps are sealed with potable water and are pumping nonpotable water, is the seal supplied from a break tank which is open to atmospheric pressure?	☐ Yes	☐ No	☒ N/A
26. Does the break tank have an air gap between the feeder line and the spill line of the tank that is at least 6 inches or two pipe diameters, whichever is greater?	☐ Yes	☐ No	☒ N/A
27. Are pumps, motors, and accessories controlled in such a manner that they will operate at rated capacity without dangerous overload?	☒ Yes	☐ No	
28. In cases where two or more pumps are installed, is provision made for proper alternating?	☒ Yes	☐ No	☐ N/A

E. POWER (PWS Manual, Part II, Section H.6)

1. Is the power supply available from at least two independent sources?	☐ Yes	☒ No	
2. Are all main pumping stations provided with an auxiliary source of power?	☐ Yes	☒ No	
3. Is an alternative power supply provided for emergency operation (e.g., standby generator)?	☐ Yes	☒ No	

F. INTAKES (PWS Manual, Part II, Section VI, F)

1. Except in the case of small stations or where the pump suction is taken directly from an adjacent supply, is the water conveyed from its source by a watertight conduit into a suction well which is in, or adjacent to, the pump house?	☐ Yes	☐ No	☒ N/A
2. Are the capacity of the conduit and the depth of the suction well so designed that the intake ports to the pumps will not draw air?	☐ Yes	☐ No	
3. Do intakes that draw water from surface streams or open reservoirs have adequate protection against clogging by sediment, debris, or ice, and against wind and wave pressure?	☐ Yes	☐ No	☐ N/A
4. Where the depth of water permits, are intakes placed at various elevations?	☐ Yes	☐ No	☐ N/A
5. Is the velocity at an intake port not greater than 2 feet per second and the depth of water over the port at least three times the diameter of the port opening?	☐ Yes	☐ No	
6. Are intake ports placed so that if one or more ports are blocked, then another can be opened?	☐ Yes	☐ No	
7. Where practicable, is an emergency intake provided?	☐ Yes	☐ No	☐ N/A

Date Prepared 7/7/2026 Date Revised	PUBLIC WATER SUPPLY MODULE 13 – PUMPING STATIONS (cont'd.)	Permit No. (For Department Use Only)
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F. INTAKES (continued)

8. Are intakes to the raw water pumps protected by at least two sets of removable stationary screens or by a traveling screen? ☐ Yes ☐ No ☐ N/A

a. Are the openings between bars small enough to exclude matter that will clog the suction line or injure the pumps? ☐ Yes ☐ No

b. Is the velocity through a screen not more than 20 feet per minute? ☐ Yes ☐ No

c. Have provisions been made for cleaning the screens? ☐ Yes ☐ No

d. Is the intake designed to minimize ice impact? ☐ Yes ☐ No

e. Where necessary, have provisions been made to deice the screens and intake openings and to control frazil or anchor ice by means of steam or electrical heating devices? ☐ Yes ☐ No ☐ N/A

G. WELLS AND SPRINGS

1. Has Module 3 been completed? ☐ Yes ☒ No

2. Are the wells or springs vented to the atmosphere by means of a properly screened and hooded or downturned pipe which is protected against the entrance of pollution? ☒ Yes ☐ No

3. Is provision made for lubricating the pump from a point at least 6 inches above the top of the well cover to prevent contamination of the water supply? ☐ Yes ☐ No ☒ N/A

4. If the station is located over a dug well and has an entrance hatch in the floor to a subsurface pit: ☒ N/A

a. Is the entrance hatch in the pump floor located adjacent to and inside of the well perimeter with an elevated curb or combing at least 12 inches high? ☐ Yes ☐ No

b. Does the edge of the hatch cover extend down over the curb at least 2 inches? ☐ Yes ☐ No

c. Can the hatch cover be locked in place? ☐ Yes ☐ No

5. Is the upper terminus of the casing equipped with a flange, suitable stuffing box, or other device? ☒ Yes ☐ No

6. Is the base of the pump not less than 6 inches above the pump room floor? ☐ Yes ☐ No ☒ N/A

7. Does the design of the pump foundation and the pump base prevent water from coming into contact with the joint? ☐ Yes ☐ No ☒ N/A

8. Are pumps protected against freezing and valved to permit testing and control of each well? ☒ Yes ☐ No

9. Is the discharge line provided with a check valve, a shutoff valve, a pressure gauge, a means of measuring flow and a sampling tap at a point where positive pressure is maintained? ☒ Yes ☐ No

10. Do connecting pipes to pumps have watertight joints? ☒ Yes ☐ No

11. Are all external valves protected by curb boxes or other construction?

☐

Yes

☐

No ☐ Yes ☐ No

12.	Do all receiving tanks in the pump house have appropriate devices for indicating the water level in the tank?	☐ Yes	☐ No	☒ N/A
13.	Are all receiving tanks located and constructed so as to prevent contamination of their water?	☐ Yes	☐ No	☒ N/A

Date Prepared
Date Revised

**PUBLIC WATER SUPPLY
MODULE 13 – PUMPING STATIONS (cont'd.)**

Permit No. (For Department Use Only)

H. AUTOMATIC AND REMOTE-CONTROLLED STATIONS PWS Manual, Part II, Section VI, G)		☐ N/A
1.	Are all automatic and remote-controlled stations equipped with automatic signaling devices that will report when the stations are out of service?	☐ Yes ☒ No
2.	Does installation of electrical equipment conform with the National Electric Code?	☒ Yes ☐ No
I. CROSS-CONNECTIONS (PWS Manual, Part II, Section VI, I)		
	Have all cross-connections been eliminated or adequately protected in all pumping stations?	☒ Yes ☐ No

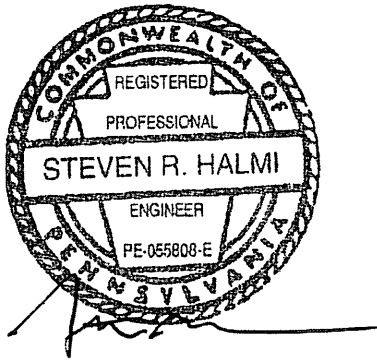
DESIGN ENGINEER'S REPORT

CONNEAUT LAKE PARK WATER SYSTEM

PWSID 6200018

REPLACEMENT OF WELL PUMPS WITH NEW SUBMERSIBLE WELL PUMPS

SUMMIT TOWNSHIP, CRAWFORD COUNTY



PREPARED BY:

STEVEN R. HALMI, P.E.

DEISS & HALMI ENGINEERING, INC.
EDINBORO, PENNSYLVANIA

JULY 7, 2026

1. GENERAL INFORMATION

The Conneaut Lake Park Water System is a community water system serving approximately 154 customers within Summit and Sadsbury Townships in Crawford County, Pennsylvania. The system is operated by Conneaut Lake Water Corporation, Inc., the stock of which is held by CLP Water Park LLC, whose sole member is Todd Joseph. The system consists of two groundwater source wells, a treatment plant, an elevated storage tank, and distribution piping. A location map is attached. The treatment plant includes manganese greensand filtration (for removal of iron, manganese, and arsenic), and disinfection by sodium hypochlorite. A treatment schematic is attached. This Design Engineer's Report has been prepared to document the proposed replacement of the two existing vertical line shaft pumps with new submersible well pumps. No changes to treatment are currently proposed, except to replace the Greensand Plus media with the same media, and to eliminate the recycling of backwash water through the treatment filters.

2. EXTENT OF WATER SUPPLY SYSTEM

The Conneaut Lake Park Water System is a community water system serving approximately 154 customers within Summit and Sadsbury Townships in Crawford County. The attached location map shows the system service area. The proposed replacement of the well pumps is not for the purpose of extending the water system service area, although extension of the water system service area is likely to occur in the future.

3. JUSTIFICATION OF PROJECT

The system has only two sources. Well No. 1 is out of service and in need of replacement parts including seals. The system is currently operating on Well No. 2, and the system has concerns about the reliability of the Well No. 2 pump. The availability of parts for repair or replacement of the current vertical line shaft pumps is dubious, therefore it is proposed to replace the existing well pumps with new submersible well pumps.

4. WATER USE DATA

The Conneaut Lake Park Water System is a community water system serving approximately 154 customers, all of which are residential except (a) Hotel Conneaut, (b) The Tiki Bar, (c) Camperland, (d) Dollar General, and (e) the water plant itself. All but a handful of the residential customers are single family dwellings; a few have more than one residential unit per customer. In 2025, the average demand was 18,783 gallons per day (122 gallons per day per customer). The maximum month in 2025 was February which averaged 26,396 gallons per day, likely due to faucets left on during freezing weather. The maximum day demand was approximately 40,000 gallons per day (260 gallons per day per customer), not including days when excessive distribution system leaks occurred.

The Conneaut Lake Park Water System is served by two wells, Well No. 2 which is currently active, and Well No. 1 for which the well pump is currently not operable. There are no anticipated unusual occurrences that would affect water usage, other than leaks in the distribution piping and service lines.

5. FIRE FLOW

An analysis of fire flow is beyond the scope of this project. However, some fire protection is provided by the existing 75,000 gallon elevated water storage tank.

6. SEWERAGE FACILITIES

The system service area is served by a public wastewater collection and treatment system owned and operated by the Conneaut Lake Joint Municipal Authority. The sewage treatment plant and associated discharge are located at the other end of Conneaut Lake, over two miles away.

7. SOURCES OF WATER

The Conneaut Lake Park Water System is served by two groundwater wells, Well No. 2 which is currently active, and Well No. 1 for which the well pump is currently not operable. Both wells are located within the treatment building located on the southeast corner of the intersection of Center Avenue and George Street in Summit Township. Well No. 1 was constructed in 1957 to a total depth of 45 feet, with the casing to 40 feet. Well No. 2, which is approximately 30 feet south of Well No. 1, was constructed in 1980 to a total depth of 70 feet, with the casing to 55 feet. The aquifer reportedly consists of unconsolidated sand and gravel alluvium. Both wells were reportedly evaluated in 1993 using the PaDEP Surface Water Identification Protocol (SWIP) and confirmed to be not under the influence of surface water, and as such the wells are regulated as groundwater sources. (Information in this paragraph was obtained from the PaDEP Drinking Water Reporting System.)

Well No. 1 and Well No. 2 are individually permitted with a combined safe yield of 300 gallons per minute. The 300 gallons per minute can come from either well or from a combination of the two as long as the flow does not exceed 300 gallons per minute total. The capacity of each existing well pump is presumed to be 180 gallons per minute, when not otherwise throttled by the existing flow control valve. 180 gallons per minute is the permitted peak chlorine contact flow rate.

It is proposed to replace the two existing vertical line shaft pumps with new submersible well pumps, also having a capacity of 180 gallons per minute, and operating at the same system pressure. Only one pump will operate at a time, with the other available as a backup.

The well pumps are set to operate based on a pressure sensor at the base of the water tower to maintain the pressure at that location between 45.5 psi and 48.5 psi, which corresponds to the water tower operating range between 105 and 112 feet. The difference in elevation between this pressure switch and the ground level at the well house is approximately 33 feet. Therefore the system operating pressure range (at ground level at the treatment building) is 138 feet to 145 feet, or 59.8 psi to 62.8 psi. The depth of the water surface within the wells during pumping has not been measured, but is estimated to be between the level of Conneaut Lake (6 feet) and the depth of the

wells (Well No. 1, the shallower, reportedly has a total depth of 45 feet). A reasonable assumption is around 30 feet. The calculated friction head is approximately 30 feet, which includes head loss through the filter and distribution piping (calculations attached). Based on the foregoing, the replacement well pumps should have a capacity of 180 gallons per minute at 210 feet of total head. Replacing the existing flow/pressure reducing valve is recommended as a means to limit system flow and pressure. A pressure relief valve is also recommended as a safety precaution.

8. PROPOSED TREATMENT PROCESSES

A treatment schematic is attached. No changes to treatment are currently proposed, except to replace the Greensand Plus media with the same media, and to eliminate the recycling of backwash water through the treatment filters.

With one well pump running at 180 gallons per minute, and 3 existing filtration tanks online, the greensand filter hydraulic loading rate is 3.77 gallons per minute per square foot, which is below the current permitted maximum flow rate of 4.2 gallons per minute per square foot with all three filters online. With one well pump running at 180 gallons per minute, and 2 filter tanks online, the hydraulic loading rate is 5.66 gallons per minute per square foot, which is below the current permitted maximum flow rate of 6.3 gallons per minute per square foot with two filters online and the third in backwash mode. Normally all three filter tanks will be operated simultaneously, but it should not be a problem to operate two filter tanks online while the third is being backwashed.

Chlorination will continue to be by a positive displacement pump feeding a solution of sodium hypochlorite. The chlorine contact piping is currently permitted for a peak flow of 180 gallons per minute. This will be easily met with the proposed replacement pumps and replacement flow control valve.

9. PROJECT SITES

Treatment will continue to occur within the treatment building, which may see upgrades such as a new heating and ventilation system, new insulation, a new roof, new siding, and electrical upgrades.

10. AUTOMATION

The well pumps will continue to operate automatically based on a pressure sensor at the base of the water tower. The sensor may be replaced and/or the communication between the sensor and the well pump controls may be upgraded. The existing ferric chloride chemical feed, which supplements the iron in the raw water as necessary for arsenic removal by the greensand filters, will continue to be operated automatically when the well pump runs. The existing sodium hypochlorite chemical feed will continue to be operated automatically when the well pump runs.

11. WASTE DISPOSAL

Currently backwash water from the manganese greensand filters is stored on site in two above ground tanks where the solids settle to the bottom and the supernatant water is recycled back through the water treatment system, blending with raw water from the wells. Every few days or week or so, the settled solids at the bottom of these tanks are pumped to a nearby sanitary manhole using a portable hose.

It is proposed to discontinue the blending of recycled backwash water with raw water from the well pumps. As such, the existing backwash water recycle pump and its associated bag filter, and the backwash storage tanks, will be abandoned or removed. Instead, all backwash water will be disposed into the public sanitary sewer system via a new sewer lateral. The volume of backwash water discharged to the sanitary sewer is estimated at 1,900 gallons every three days. The solids content discharged to the sanitary sewer will not change, but the solids will be discharged with the backwash rather than after settling in the backwash storage tanks.

12. SOIL, GROUNDWATER CONDITIONS, AND FOUNDATION PROBLEMS

The proposed modifications should not be affected by adverse soil or groundwater conditions.

13. FUTURE EXTENSIONS

Additional water demand is anticipated in the future, as well as potential extensions of the water service area. Even if the demand is tripled to a maximum day demand of 120,000 gallons per day, the source capacity, well pumps, and treatment capacity would still greatly exceed the maximum day demand.

CONTINUED OPERATIONS PLAN AND SCHEDULE

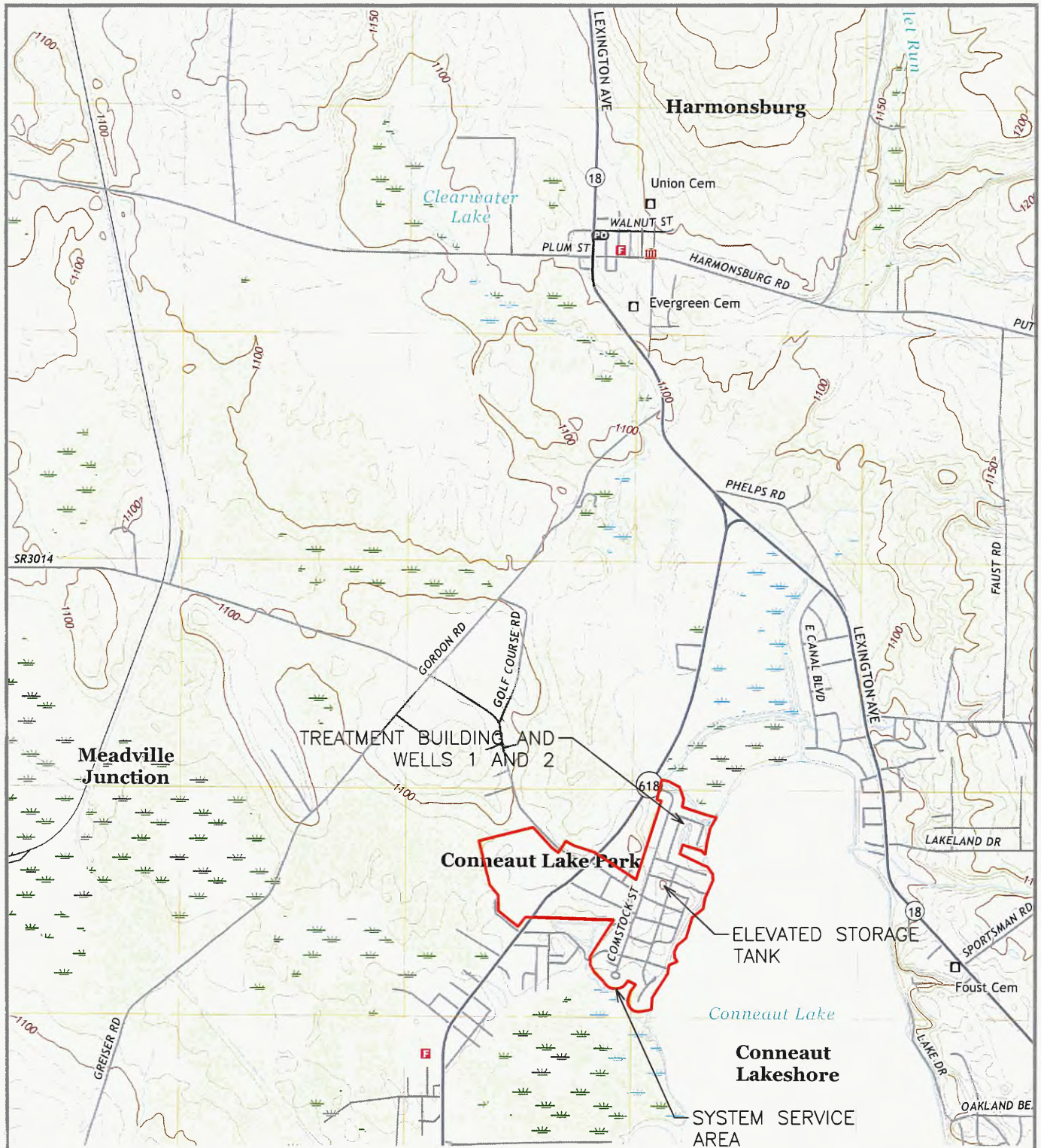
The well pumps need replaced as soon as possible. When the emergency permit is issued, new pumps will be ordered immediately and it is anticipated that the new pumps will take approximately 4 weeks for delivery, then approximately 2 weeks for installation. The Well No. 1 pump will be replaced first, while Well No. 2 remains in operation. Once Well No. 1 is returned to operation, the Well No. 2 pump will be replaced.

SIMULTANEOUS COMPLIANCE

The proposed modifications do not change the system capacity or treatment and are not expected to result in any simultaneous compliance concerns.

ATTACHMENTS

- USGS Location Map
- Treatment Schematic
- Well Pump Head Calculations
- Manufacturer Specifications



HARMONSBURG, PA
USGS 7.5 MINUTE QUADRANGLE

2/5/2026

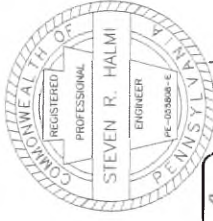
SCALE: 1"=2000'

dh Deiss & Halmi Engineering, Inc.
ENVIRONMENTAL AND CIVIL ENGINEERING

105 Meadville Street, Edinboro PA 16412

Ph. 814-734-3640 Fax 814-734-3643

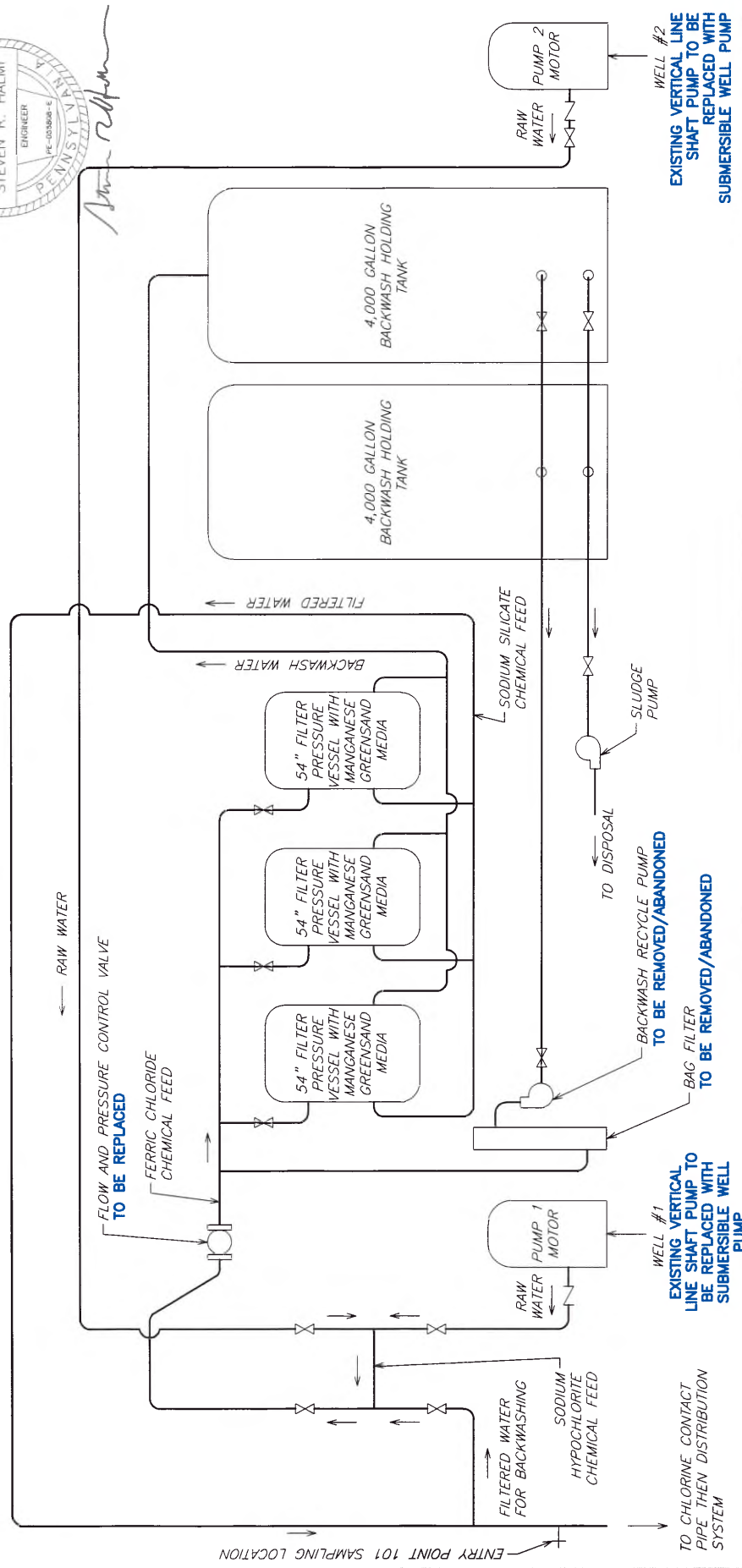
CONNEAUT LAKE PARK WATER SYSTEM
SUMMIT TOWNSHIP, CRAWFORD COUNTY



Steven R. Halmi

← FILTERED WATER

← RAW WATER



LEGEND
—X— SHUT OFF VALVE
—|— CHECK VALVE
NOT ALL VALVES, FITTINGS, AND APPURTENANCES ARE SHOWN.

TREATMENT SCHEMATIC

CONNEAUT LAKE PARK WATER SYSTEM	DATE: 7/7/2026	SCALE: N.T.S.
SUMMIT TOWNSHIP, CRAWFORD COUNTY	REV.:	
	DRAWN BY: SZ	
dh Deiss & Halmi Engineering, Inc. ENVIRONMENTAL AND CIVIL ENGINEERING 1001 Main Street, Erie, PA 16512 Ph: 814.734.3600 Fax: 814.734.3603	DRAWING No.:	1400126

Conneaut Lake Park Water System Well Pump Evaluation System Curve Calculations

Well Depth Minimum Elevation	-30.00
Ground Elevation at Well	0.00
Head Loss through Filter (ft)	5.00
Ground Elevation at Well to Maximum Water Tower Level	145.00

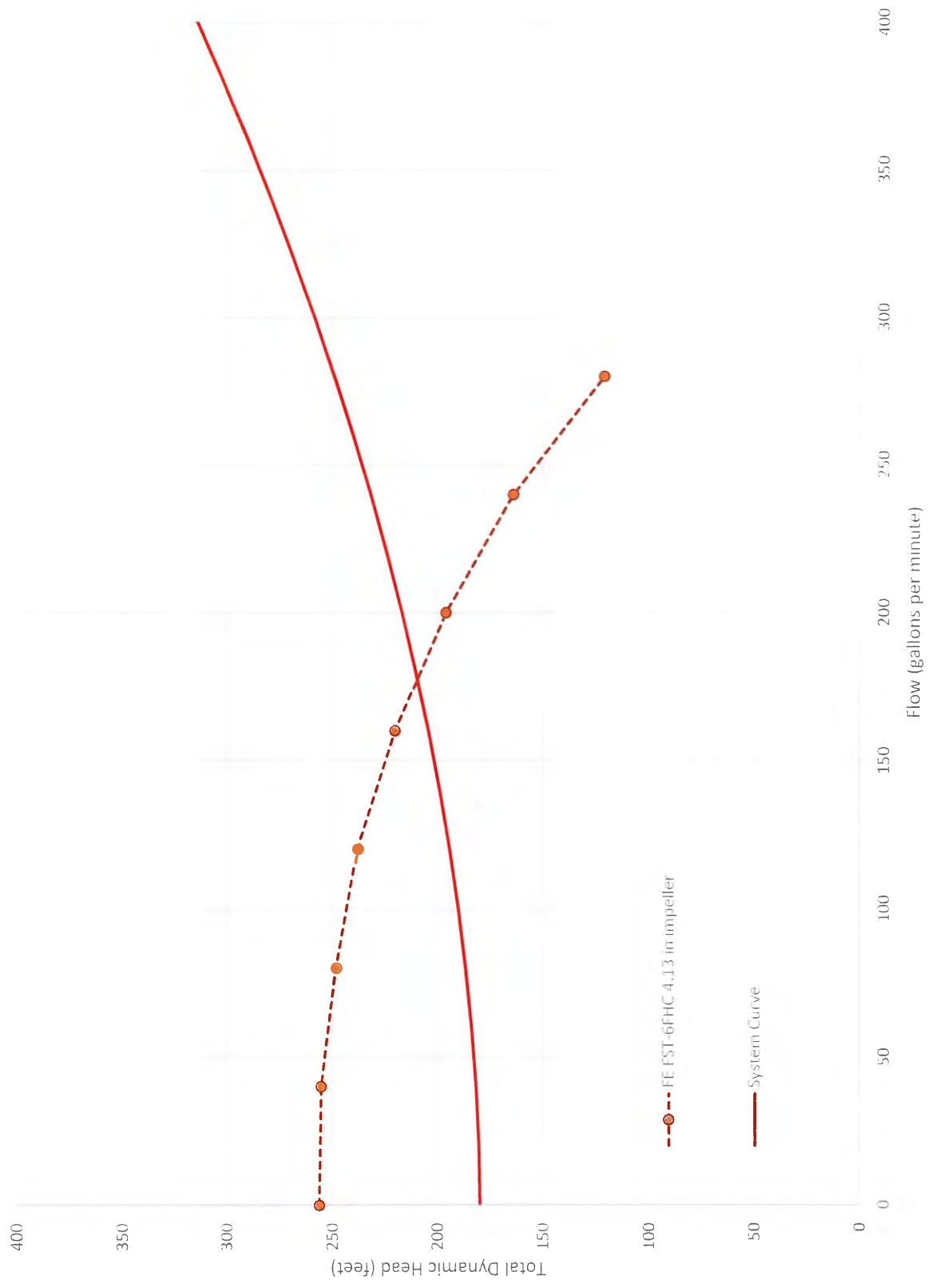
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Conneaut Lake Park Water System
Pump Station Evaluation
Pump Curve

FE FST-6FHC 4.13 in impeller

0	256
40	255
80	248
120	238
160	220
200	196
240	164
280	121

System Curve vs. Pump Curve Plot



Pump Performance Datasheet

Company Name	
Company contact number	
Quote Number	2837885
Project name	Default

Model/Order No.	FST-6FHC Enclosed Impeller (STD Model)
Stages	4
Quantity of pumps in parallel	1
Based on curve number	6FHC(2POLE)
Saved Date	02 Jul 2026 1:40 PM

Operating Conditions

Flow, rated	: 180.0 USgpm
Differential head / pressure, rated (requested)	: 210.0 ft
Differential head / pressure, rated (actual)	: 217.7 ft
Suction pressure, rated / max	: 0.00 / 0.00 psi.g
NPSH available, rated	: Ample
Site Supply Frequency	: 60 Hz

Performance

Speed criteria	: Synchronous
Speed, rated	: 3550 rpm
Impeller diameter, rated	: 4.13 in
Impeller diameter, maximum	: 4.69 in
Impeller diameter, minimum	: 3.75 in
Efficiency (bowl / pump)	: 71.32 / - %
NPSH required / margin required	: 8.06 / 0.00 ft
Ns (imp. eye flow) / Nss (imp. eye flow)	: 2,059 / 9,104 US Units
MCSF	: 49.34 USgpm
Head, maximum, rated diameter	: 255.4 ft
Head rise to shutoff (bowl / pump)	: 21.58 / - %
Flow, best eff. point (bowl / pump)	: 194.9 / - USgpm
Flow ratio, rated / BEP (bowl / pump)	: 92.35 / - %
Diameter ratio (rated / max)	: 87.99 %
Head ratio (rated dia / max dia)	: 66.35 %
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00
Selection status	: Acceptable

Liquid

Liquid type	: Water
Additional liquid description	:
Solids diameter, max	: 0.00 in
Solids concentration, by volume	: 0.00 %
Temperature, max	: 68.00 deg F
Fluid density, rated / max	: 1.000 / 1.000 SG
Viscosity, rated	: 1.00 cP
Vapor pressure, rated	: 0.34 psi.a

Material

Material selected	: Cast Iron
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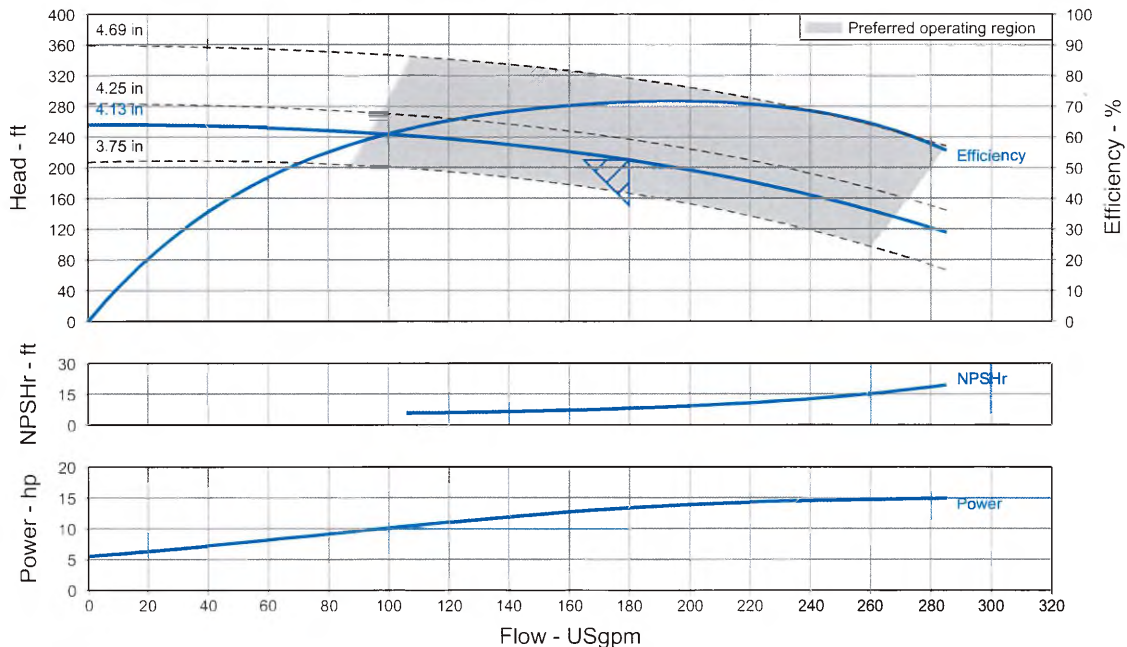
Pressure Data

Shut off pressure	: See the Additional Data page
Maximum allowable working pressure	: See the Additional Data page
Maximum allowable suction pressure	: N/A
Hydrostatic test pressure	: See the Additional Data page

Driver & Power Data (@Max density)

Driver sizing specification	: Rated power
Margin over specification	: 0.00 %
Service factor	: 1.15 (used)
Power, hydraulic	: 9.54 hp
Power (bowl / pump)	: 13.38 / - hp
Power, maximum, rated diameter	: 14.98 hp
Minimum recommended motor rating	: 15.00 hp / 11.19 kW

Pump performance. Adjusted for construction, viscosity, static lift to discharge nozzle centerline, friction and power losses of lineshaft and thrust bearings.
The duty point represents the head at the bowl.
Performance based on test acceptance - Hyd Ins 14.6 Bilateral (3B)

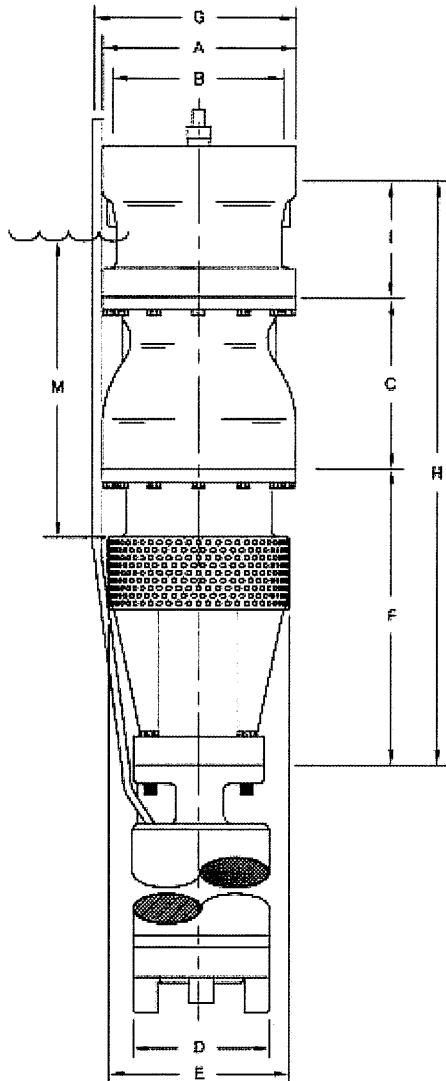




Quote Number
Quote Date
Revision

2602139
19 Jun 2026

Dimensional Information (6FHC-1D-*BS-04-04-B06-S)



Dim	Value
A	5.81
B	4.00
C	4.75
D	6.00
E	5.563
F	8.50
G	6.00
H	32.88
I	3.73
J	-
K	-
L	-
M	10.00

Disch Head Side View

NOTES:

1. ALL DIMENSIONS ARE IN INCHES +/- 0.375
2. NOT FOR CONSTRUCTION UNLESS CERTIFIED BY ENGINEERING

Project Name:	MILLER PUMP SUPPLY/JOSH	Certified For:	
PO/REF ID:		Certified By:	
Date:	22 Jun 2026 9:50 AM	Customer:	
Quoted By:	Terry Howard	Customer Contact:	
Quoted By Phone:		Customer Phone:	
 Franklin Electric		FST Vertical Turbine Dimensional Information (Bowl Assembly)	
		Drawing Number: Rev:	



Quote Number
Quote Date
Revision

2602139
19 Jun 2026

Product Datasheet (6FHC-1D-*BS-04-04-B06-S)

Item Number: 001	Lube Type: Water Lubricated	Pump Speed: 3550 rpm
Pump Model: FST6FHC	Number of Stages: 4	

General Data

Flow: 190.0 USgpm	Head: 240.0 ft	NPSHR: 8.60 ft
Liquid: Water	SG: 0.9983	Efficiency: 71.40 %
Liquid Temp.: 68.00 deg F	Viscosity: 1.00 cP	MCSF: 80.97 USgpm

Pump Data

Bowl Model: 6FHC	Column Conn. Size: 4.00 in	DH Model: -
Stages: 04	Column Conn. Type: Threaded	Flange Size: -
Bowl Shaft Diameter: 1"	LS Coupling Size: -	DH Construction: -
Impeller Type: Enclosed	Lineshaft Diameter: -	Column Size:
Impeller Dia.: 4.31 in	Total Rated Thrust: 656.8 lbf	Col Pipe Wall Thickness:
Impeller Conn. Type: Collet	Power Rated: 20.00 hp	Strainer Type: -

Material Data

Bowl: Cast Iron ASTM A48 Class 30 (default)	Impeller: 316 SS (AISI Type 316)	Motor Coupling: -
Bowl WR: None	Impeller WR: None	Col Pipe:
Bowl Shaft: 416 SS (ASTM A582, Type 416)	Lineshaft: -	Motor Bracket: -
Collet: AISI Type 416 SS	Bowl Bearing: Bronze (Alloy C89835)	Suction Screen: Stainless Steel

Motor Data

MFG: Franklin Electric	HP: 20.00 hp	Motor Size: 6 in
Type: SAND FIGHTER	RPM:	Phase:
Frame: -	Volts: 230V	Frequency:
Catalog: 2366048120		

Weights

Est. Pump Wt.: 120.0 lb	Mfg:	Type:
Est. Motor Wt.: 145.0 lb	Size:	API Code:

Mechanical Seal Data

Coatings

Bowl ID: Vitreous Enamel	Bowl OD: Tnemec N140 Pota-Pox Plus (NSF)
Column ID: -	Column OD: -
Head ID: -	Head OD: -
Tube OD: -	

Project Name: MILLER PUMP SUPPLY/JOSH	Certified For:
PO/REF ID:	Certified By:
Date: 22 Jun 2026 9:50 AM	Customer:
Quoted By: Terry Howard	Customer Contact:
Quoted By Phone:	Customer Phone:



Franklin Electric

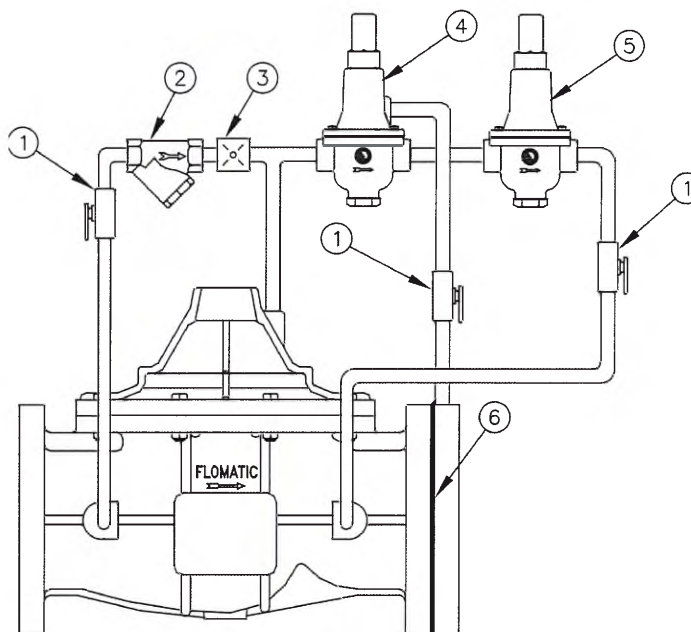
FST Vertical Turbine Product Datasheet (Bowl Assembly)

Drawing Number: Rev:

Operation & Maintenance Manual

Place this manual with the valve or person responsible for maintenance of the valve

- 1. Isolation Valve
- 2. Y-Strainer
- 3. Orifice
- 4. Flow Control pilot (FCP)
- 5. Pressure Reducing Pilot (PRP)
- 6. Orifice plate



Model 902 Flow Control and Pressure Reducing Valve

YOUR PRODUCT INFORMATION:

Model Number: _____
Date: _____
Serial Number: _____
Valve Size: _____
Factory Pilot Preset: _____ psi
Orifice Size: _____

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FLOW CONTROL AND PRESSURE REDUCING VALVE

The Model 902 Flow Control and Pressure Reducing Valve maintains both a preset maximum flow rate and a constant reduced downstream pressure for all flow rates below the preset maximum.

SHIPMENT:

When shipped, controls are usually mounted on the main valve. If control subassemblies are shipped separately, all connections are tagged to ensure correct assembly.

INSTALLATION:

1. Flush the pipeline before inserting the valve.
2. **Exercise caution to prevent dirt/debris from entering valve and control piping.**
3. Install the valve with the "arrow" on the body pointing in the direction of flow.
4. Attach sub-assemblies to main valve if necessary.
5. Allow enough clearance above valve for future service and removal of diaphragm assembly.

START-UP:

1. Install pressure gauges to observe inlet and outlet pressures (optional).
2. Open both isolation valves on the control assembly.
3. Open 1/4" air bleeder at the top of the valve.
4. Open main line shut-off valve (usually a gate or butterfly valve) on the outlet side of the main valve about 1/4 open.
5. Slowly open main line shut-off valve on the inlet side.
6. Close 1/4" air bleeder when **all air has been removed** from valve cover.
7. Slowly open the main line shut-off valve on the outlet side the remainder of the way.
8. If the Max Rate of Flow needs to be adjusted, **refer to the calculations provided and corresponding differential pressure vs. flow rate graph.** Adjust the pressure differential pilot control accordingly. Loosen the jam nut and turn the adjustment screw clockwise to increase the differential pressure (increase flow) or counter-clockwise to decrease the differential pressure (decrease flow). When the adjustment is complete tighten the jam nut on the adjustment screw.
9. If the outlet pressure requires adjustment, turn the adjusting screw of the PRP counterclockwise to decrease downstream pressure or clockwise to increase downstream pressure.

CAUTION: any adjustment should be done slowly.

OPERATION:

The Model 902 Flow Control and pressure Reducing Valve throttles to maintain and limit the maximum flow rate (downstream) regardless of changing upstream and downstream pressures while also controlling downstream pressure.

The throttled position of the main valve diaphragm assembly is controlled by a flow control pilot and a pressure reducing pilot control. Both pilot control are direct-acting, adjustable, spring-loaded, normally open diaphragm valves designed to permit flow when the differential pressure is less than the spring setting.

The flow control pilot senses the differential pressure across a fixed orifice plate located downstream of the main valve. The pilot will react immediately to changes in the differential pressure and in turn cause a repositioning of the main valve diaphragm assembly to limit the maximum rate of flow through the valve. If the differential pressure across the orifice plate begins to decrease (decreased flow) the flow control pilot will relieve water from the top of the main valve diaphragm allowing it to open farther and therefore increase the system flow. If the differential pressure across the orifice plate increases (increased flow) and reaches the pilot setting, the pilot will begin to close directing the upstream system pressure to the top of the main valve diaphragm causing it to move towards the closed position therefore decreasing the system flow. The pressure differential pilot will modulate as necessary to maintain a maximum rate of flow through the main valve.

Once the flow is maintained, the PRP senses the downstream (outlet) pressure and reacts immediately to add or remove water from the top of the main valve diaphragm assembly causing a repositioning of the main valve as the outlet pressure tends to increase or decrease with varying flow demand. The PRP diaphragm will automatically sense the changes in the flow of the system as it continuously controls the main valve to throttle or to open and maintain the desired, preset reduced outlet pressure. The throttling action of the main valve provides the required reduced downstream pressure.

TROUBLE SHOOTING GUIDE

A. PROBLEM : Valve opens and will not close.	
CAUSE 1. Main valve is air bound. 2. Shut-off (isolation) valve at the outlet side of control is closed. 3. Indicator stuffing box or sight glass is leaking. 4. Ruptured diaphragm in pilot valve. (Evidenced by leak from vent hole in spring chamber.) 5. Fouled orifice or needle valve. 6. Fouled strainer. 7. Damaged pilot valve seat. 8. Ruptured diaphragm in main valve. 9. Sticks or stones lodged under seat of main valve. 10. Worn seat packing and/or seat ring in main valve. 11. Incorrect adjustment of BPP pilot valve (set too low). 12. Leakage from one or more fittings in the controls. 13. Damaged O-ring stem seal.	CORRECTION 1. Open air bleeder at the top of valve to release air. 2. Open shut-off valve. 3. Tighten packing nut or replace packing seals. 4. Replace diaphragm. 5. Open needle valve wide (counterclockwise) to flush seat, & after 4 or 5 seconds return to original setting or remove and clean orifice. 6. Disassemble, clean or replace screen. 7. Disassemble, clean and replace damaged parts. 8. Disassemble and replace diaphragm. 9. Disassemble and remove. Replace damaged parts. 10. Disassemble and replace damaged parts. 11. For back pressure valve BPP turn adjusting screw clockwise slowly until valve resumes control and the desired inlet pressure is obtained. 12. Tighten or replace fitting. 13. Disassemble and replace O-ring.
B. PROBLEM: Valve is closed and will not open.	
1. Incorrect adjustment of PRP pilot valve. (Set too low) 2. Needle valve (if installed) open too far. 3. Shut off (isolation) valve at the outlet side of the controls is closed. 4. Fouled pilot valve 5. Worn or eroded orifice (or needle valve seat).	1. Turn PRP pilot valve adjusting screw clockwise slowly until the valve opens and the desired outlet pressure is reached. 2. Turn adjusting cap clockwise slowly until valve opens. 3. Open shut-off (isolation) valve. 4. Disassemble and clean, replace seat ring/packing is necessary. 5. Replace orifice (or needle valve).
C. PROBLEM: Valve hunts or chatters.	
1. Flow control valve (or needle-valve at the outlet side of controls) is out of adjustment or may be clogged with debris. 2. Pilot valve seat seal is damaged.	1. Slowly turn adjusting cap and/or remove to inspect for debris. 2. Replace seat seal.
Test To Isolate Source Of Problem (After visual inspection of external leaks)	
1. With the main line gate valves open and the valve pressurized, close the control shut-off (isolation) valve at the outlet side of the pressure reducing pilot control. THE MAIN VALVE SHOULD CLOSE. If the valve remains fully open the source of the problem could be: <i>(A) fouled orifice or needle; (B) fouled strainer; (C) control shut off valve at inlet is closed; (D) ruptured main valve diaphragm.</i> If the valve is partially closed the source of the problem could be: <i>(A) damaged: main valve seat packing or seat ring; (B) debris under seat; (C) main valve is air-bound; (D) damaged stem O-ring.</i> If the valve closes fully, the source of the problem could be: <i>(A) pilot valve out of adjustment; (B) damaged pilot valve stem or set ring; (C) partially fouled strainer or needle valve.</i> 2. With the main line gate valves open and the reducing valve pressurized, close both shut-off (isolation) valves and open the air bleeder pet cock to release water out of the power chamber above the diaphragm of the reducing valve. Water will flow from the pet cock as the valve moves to the full open position. If water continues to flow, the source of the problem could be: <i>(A) damaged: main valve diaphragm or stem seal O-ring; (B) loose locknut.</i>	



Pennsylvania
**Department of
Environmental Protection**

RECEIVED
JUL 13 2026

July 10, 2026

Todd Joseph
Conneaut Lake Park Water Corporation, Inc.
713 Broad Acres
Narbeth, PA 19072

Re: Emergency PWS Permit No. 6200018-26E1
Conneaut Lake Park Water System
APS ID No. 1165660
Authorization ID No. 1575432
PWSID No. 6200018
Summit and Sadsbury Townships, Crawford County

Dear Todd Joseph:

We are pleased to enclose Emergency Water Supply Permit No. 6200018-26E1 that allows the replacement of well pumps No.1 and No.2, replacement of media in the filters, removal of the ability to recycle backwash water, and interim use of sodium silicate for the duration of the emergency permit. This permit is issued in response to an emergency public water supply permit application received by the Department of Environmental Protection on July 8, 2026. Note that this emergency permit contains six (6) special conditions including one for the submittal of a complete minor permit amendment application.

This emergency permit will expire on November 30, 2026.

This authorization does not relieve the applicant from applying for and obtaining any additional permits or approvals from local, state or federal agencies required for this project. Please be advised that if any other permits are required for this project, they must be issued prior to undertaking the activities described in the permit application. Issuance of the enclosed permit(s) does not indicate an affirmative action on any other pending or future permit applications. If you are uncertain as to whether or not other permits are needed for this project, please use the Department's "Permit Application Consultation Tool" (PACT) which can be found at <http://www.ahs.dep.pa.gov/PACT/>. The online tool is designed to quickly and easily assist potential applicants in determining which types of environmental permits, authorizations or notifications would be needed for specific projects. Based on the user's responses to a series of simple questions, PACT automatically provides an email response with information on permits and other information an applicant should consider.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board ("Board"), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800.654.5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

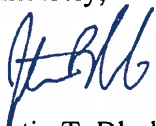
A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <http://ehb.pa.gov> or by contacting the Secretary to the Board at 717.787.3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717.787.3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

If you have any questions concerning this matter, please contact Samantha Mielo by telephone at 814.332.6360 or via electronic mail at samielo@pa.gov.

Sincerely,



Justin T. Blashaw
Program Manager
Safe Drinking Water Program

Enclosures

cc: Steven R. Halmi, P.E./Deiss & Halmi Engineering, Inc.
B. Blough thru A. Reeher (pdf only)
B. Schott, P.E. (pdf only)
SDW-Hrsbg-Facilities Permitting
File

JTB:BCS:SLM:kme



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER

PUBLIC WATER SUPPLY PERMIT

NO. 6200018-26E1

A. PERMITTEE:

Conneaut Lake Park Water Corporation, Inc.
713 Broad Acres
Narbeth, PA 19072

B. PROJECT/PLANT LOCATION

PWSID 6200018
Municipality Summit and Sadsbury Townships
County Crawford

C. THIS PERMIT APPROVES FOR:

1. ☐ **CONSTRUCTION**

2. ☒ **OPERATION OF FACILITIES**

AS INDICATED BELOW:

Approved Under Construction Permit No. _____

<u>Source</u>	<u>Facilities</u>	<u>BVRB</u>
☒ Groundwater *	☐ Impoundment	☐ Bottled Water System
☐ Purchased Groundwater	☐ Clarification	☐ Bulk Water Hauling System
☐ Surface Water	☐ Filtration	☐ Vended Water System
☐ Finished Water	☒ Iron and Manganese Treatment	☐ Retail Water Facility
* Well No.1, Well No.2	☐ Softening	
	☐ Fluoridation	
	☐ Distribution Facility	
	☐ General Corrosion Control	
	☐ Corrosion Control for lead/copper	
	☐ Disinfection	
	☐ Pump Station(s)	
	☐ Transmission Lines	
	☐ Finished Water Storage	
	☒ Other Discontinue backwash recycle, Arsenic treatment filter media	

KNOWN AS Conneaut Lake Park WTP: Replace well pumps No. 1 and No. 2, removal of the ability to recycle backwash water, replace GreensandPlus media in the filters, and use of sodium silicate as a treatment technique.

LIMIT OF AUTHORIZATION

YOU ARE HEREBY AUTHORIZED TO CONSTRUCT OR OPERATE, AS INDICATED ABOVE, PROVIDED THAT FAILURE TO COMPLY WITH CHAPTER 109, OF THE RULES AND REGULATIONS OF THE DEPARTMENT OF ENVIRONMENTAL PROTECTION OR THE TERMS OR CONDITIONS OF THIS PERMIT SHALL VOID THE AUTHORITY GIVEN TO THE PERMITTEE BY THE ISSUANCE OF THE PERMIT.

THE PLANS, SPECIFICATIONS, REPORTS AND SUPPORTING DOCUMENTS SUBMITTED AS PART OF THE PERMIT APPLICATION BECOME PART OF THE PERMIT.

NO DEVIATIONS FROM APPROVED PLANS OR SPECIFICATIONS AFFECTING THE TREATMENT PROCESS OR QUALITY OF WATERS SHALL BE MADE WITHOUT WRITTEN APPROVAL FROM THE DEPARTMENT.

THIS PERMIT IS ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION UNDER THE AUTHORITY OF THE PENNSYLVANIA SAFE DRINKING WATER ACT, THE ACT OF MAY 1, 1984 (P.L. 206, NO. 43). OPERATION SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 109 ADOPTED UNDER THE AUTHORITY IN SECTIONS 4 AND 6(e) OF THE PENNSYLVANIA SAFE DRINKING WATER ACT.

THIS PERMIT IS SUBJECT TO THE ATTACHED SPECIAL CONDITIONS

1 through 6

PERMIT ISSUED

Date July 10, 2026

DEPARTMENT OF ENVIRONMENTAL PROTECTION

By:

Justin T. Blashaw
Program Manager

Title Safe Drinking Water Program

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SAFE DRINKING WATER PROGRAM

Date: July 10, 2026

Permit No.: 6200018-26E1

SPECIAL CONDITIONS

Conneaut Lake Park Water Corporation, Inc.

This permit is issued subject to all Department of Environmental Protection Rules and Regulations now in force and the following Special Conditions:

1. This Emergency Permit is valid **through November 30, 2026**.
2. The Department specifically retains the right to modify, add to, or delete any or all Special Conditions attached to this Emergency Permit. The Department also retains the right to rescind this Emergency Permit if, in its sole determination, operation of the facilities presents a threat to public health or Conneaut Lake Park Water Corporation, Inc. is not in compliance with the Special Conditions.
3. Nothing in this temporary Emergency Permit shall be construed to imply the Department's consent to use the facilities on a permanent basis or compliance with all Department design standards.
4. The issuance of this Emergency Permit will in no way affect the issuance of a regular permit.
5. This Emergency Permit grants Conneaut Lake Park Water Corporation, Inc. the ability to feed sodium silicate on a temporary basis. For Conneaut Lake Park Water Corporation, Inc. to maintain the sodium silicate as a treatment process, a permit application must be submitted to the Department to request that the chemical feed be permitted for permanent use.
6. **By September 11, 2026**, Conneaut Lake Park Water Corporation, Inc. shall submit a complete Public Water Supply Permit Application (form 3900-PM-BSDW0002), requesting a minor permit amendment for the proposed project approved under this emergency permit (well pumps, removing filter backwash recycle capability, filter media replacement, and sodium silicate feed). This submittal shall include at minimum, the appropriate fee; General Information Form (4700-PM-CEE0001); Module 1 (3900-PM-BSDW0254B); Module 12 (3900-PM-BSDW0254M); Module 13 (3900-PM-BSDW025N); detailed drawings signed and sealed by a Professional Engineer; manufacturer's specifications and product cut-sheets for the proposed facilities confirming certification under American National Standards Institute/National Sanitation Foundation ("ANSI/NSF") Standards, or equivalent third-party certification; and a Design Engineer's report, signed and sealed by a Professional Engineer.

**Conneaut Lake Park Water Corporation's Responses to TUS Data Request Set 2
Conneaut Lake Park Water Corporation, Inc. Tariff Supplement No. 3 to
Water - Pa. P.U.C. No. 1 at Docket No. R-2026-3064386**

VERIFICATION

I, Matthew Elchert, Owner of Keystone Water Systems, LLC, hereby state that the facts set forth in the foregoing Responses to TUS Data Request, Set II (nos. R-19 and R-21) are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).

Dated: 09/09/27



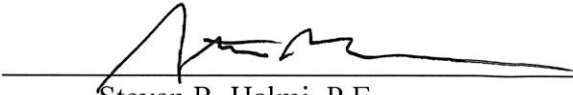
Matthew Elchert, B.S. MBA
Owner, Keystone Water Systems, LLC

Conneaut Lake Park Water Corporation's Responses to TUS Data Request Set 2
Conneaut Lake Park Water Corporation, Inc. Tariff Supplement No. 3 to
Water - Pa. P.U.C. No. 1 at Docket No. R-2026-3064386

VERIFICATION

I, Steven Halmi, President and Principal Engineer of Deiss & Halmi Engineering, Inc., hereby state that the facts set forth in the foregoing Responses to TUS Data Request, Set II (nos. R-22 and R-24) are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).

Dated: 9/9/2026



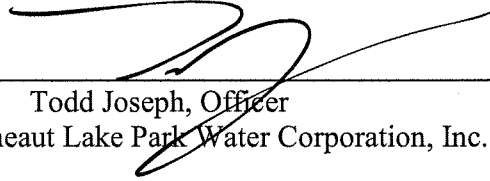
Steven R. Halmi, P.E.
President and Principal Engineer
Deiss & Halmi Engineering, Inc.

**Conneaut Lake Park Water Corporation's Responses to TUS Data Request Set 2
Conneaut Lake Park Water Corporation, Inc. Tariff Supplement No. 3 to
Water - Pa. P.U.C. No. 1 at Docket No. R-2026-3064386**

VERIFICATION

I, Todd Joseph, Officer of Conneaut Lake Park Water Corporation, Inc., hereby state that the facts set forth in the foregoing Responses to TUS Data Request, Set II (no. R-23) are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).

Dated: 9-9-26



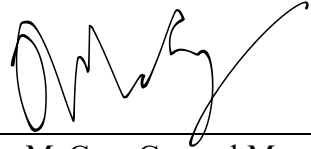
Todd Joseph, Officer
Conneaut Lake Park Water Corporation, Inc.

Conneaut Lake Park Water Corporation's Responses to TUS Data Request Set 2
Conneaut Lake Park Water Corporation, Inc. Tariff Supplement No. 3 to
Water - Pa. P.U.C. No. 1 at Docket No. R-2026-3064386

VERIFICATION

I, Jaclyn McCoy, General Manager of Conneaut Lake Park Water Corporation, Inc., hereby state that the facts set forth in the foregoing Responses to TUS Data Request, Set II (nos. R-18, R-19 and R-20) are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).

Dated: 9/9/2026



Jaclyn McCoy, General Manager
Conneaut Lake Park Water Corporation, Inc.