

SELECT ENVIRONMENTAL SOLUTIONS INC.
110 Forest Road
Robesonia, PA 19551
Office (610) 589-4023 Cell (717) 228-7419
selectenvironmental@gmail.com

May 15, 2020

Bernville Borough
P.O. Box 40
Bernville, PA 19506

**Re: Bernville Borough Wastewater Treatment Plant
NPDES Permit No. PA 0024023
April 2020 – Monthly Operation and Maintenance Report**

Dear Mr. Strunk:

We are pleased to report that there were no Final Effluent water quality violations during the month of April, 2020. Copies of the following information, which are submitted to the Pennsylvania Department of Environmental Protection (PADEP) on behalf of the Bernville Borough, are enclosed for your files. All forms can now be seen online via PADEP's website via the eDMR.

- Discharge Monitoring Report Supplemental Forms
- Monthly Maintenance Log

A brief summary of the monthly flow data is as follows:

Average, in gallons per day	=	323,300
Maximum, in gallons per day	=	505,600
Rainfall for April 2020	=	5.72"

Routine Maintenance/Events:


Attached is the sheet showing maintenance jobs performed in April.

I think it would be good to update the plant controls. They are working but most plants 10 years newer are in the process of updating the controls of the plant and I am sure these controls are no longer supported by Jet Tech. If for some reason the controls would stop working staffing would have to man the plant 24/7 until a new control system would be created. I would strongly recommend updating and having ability to view plant levels during storm events and making adjustments from the computer away from the facility. Project was approved.

The I and I should be addressed. We discovered 2 sections leaking at least 100 gallons per minute each. Staff have reason to believe there might be a sump pump connected at the Pizza Shop property while investigation I and I there was flow that would come and go in that section. These leaks need to be addressed then we will start looking for more I and I. Bernville is working on it.

If you have any questions, require more information or wish to comment on the above information, please contact me at 717-228-7419.

Sincerely,


Michael T. Kreiser
Owner/Operator

cc John Brady, Entech Engineering

April 2020 Maintenance - Job Completed Bernville W.W.T.P.

Date:

4/7	Suburban Collected Samples, SBR & Office Generator Operated
4/14	
4/21	
4/28	
4/1	Washed walls of SBR #1
4/2	UV auto switch to channel #2. Drained & cleaned #1.
4/3	Added microbes to S.H.T.
4/6	Washed walls of both SBR tanks Backflushed SBR #2
4/7	Installed new air filters for blowers Backflushed SBR #1
4/8	Washed walls of SBR #1
4/9	Uv auto switch to channel #1. Drained & cleaned #2. Washed walls of both SBR tanks
4/10	Added microbes to S.H.T.
4/15	Washed walls of both SBR tanks
4/16	UV auto switch to channel #2. Drained & cleaned #1. Backflushed SBR #2
4/17	Added microbes to S.H.T. Washed walls of SBR #1 Power Systems Electric serviced generators
4/18	Countryside Fuel on site for delivery
4/20	Clean rags from floating decanter in both SBRs Washed walls of SBR #1 & backflushed #1.
4/21	Washed walls of both SBR tanks
4/23	UV auto switch to channel #1. Drained & cleaned #2. Washed walls of both SBR tanks Backflushed SBR #2
4/24	Added microbes to S.H.T. Cleaned out grit from grinder pit Unclogged decant pump Cleaned UV bulbs in channel #2
4/28	Washed walls of both SBR tanks
4/29	Greased blowers & pumps & changed oil in blowers
4/30	UV auto switch to channel #2. Drained & cleaned #1. Cleaned UV bulbs in channel #1. Replaced 2 bulbs. Vacuumed office & bathroom.