

Rimersburg Borough Municipal Authority
Engineer's Report
February 5, 2020

WWTP & Collection System Upgrades

Influent Flow Meter (see attached data)

DDS flow meter repaired on 1/28 – communication with website has been restored

Flow data can be obtained from the HACH website: <https://fsdata.hach.com/>

User Name: Rimersburg466

Password: HachWebData

New Water Quality Monitoring Requirements

DEP Inspection conducted on 1/23/20 (Roberta McCall) – no required repairs or corrections (all voluntary)

- Water usage – DEP requests a letter describing past efforts to reduce unaccounted-for water losses, description of future projects and a proposed implementation schedule

Uninterrupted System Service Plan (USSP)

Corrective Action Plan needs to be submitted by 2/19/20 – backup generator installation

motion to submit

- Feb/Mar – generator sizing study
- May – permit application (if required)
- 5 months to install generator after permit is received

Ridgeview Drive Sewer

Doug Frampton – maintenance bond received

Justin Davis – no bond received

Sloan Street Sewer

EADS to provide bid documents to Authority based on preliminary cost estimate (>\$20,600)

Planned advertise date: 2/12 Bid Opening Date: 3/4

Easements need to be obtained

CDBG Grant Application

Monterey Rd WaterLine – approved by County for \$123,480

– construction planned Sept through Nov 2021

Kristi Amato has not heard from DCED as of 2/5

Small Water & Sewer Grant Application (Awards announced in March July)

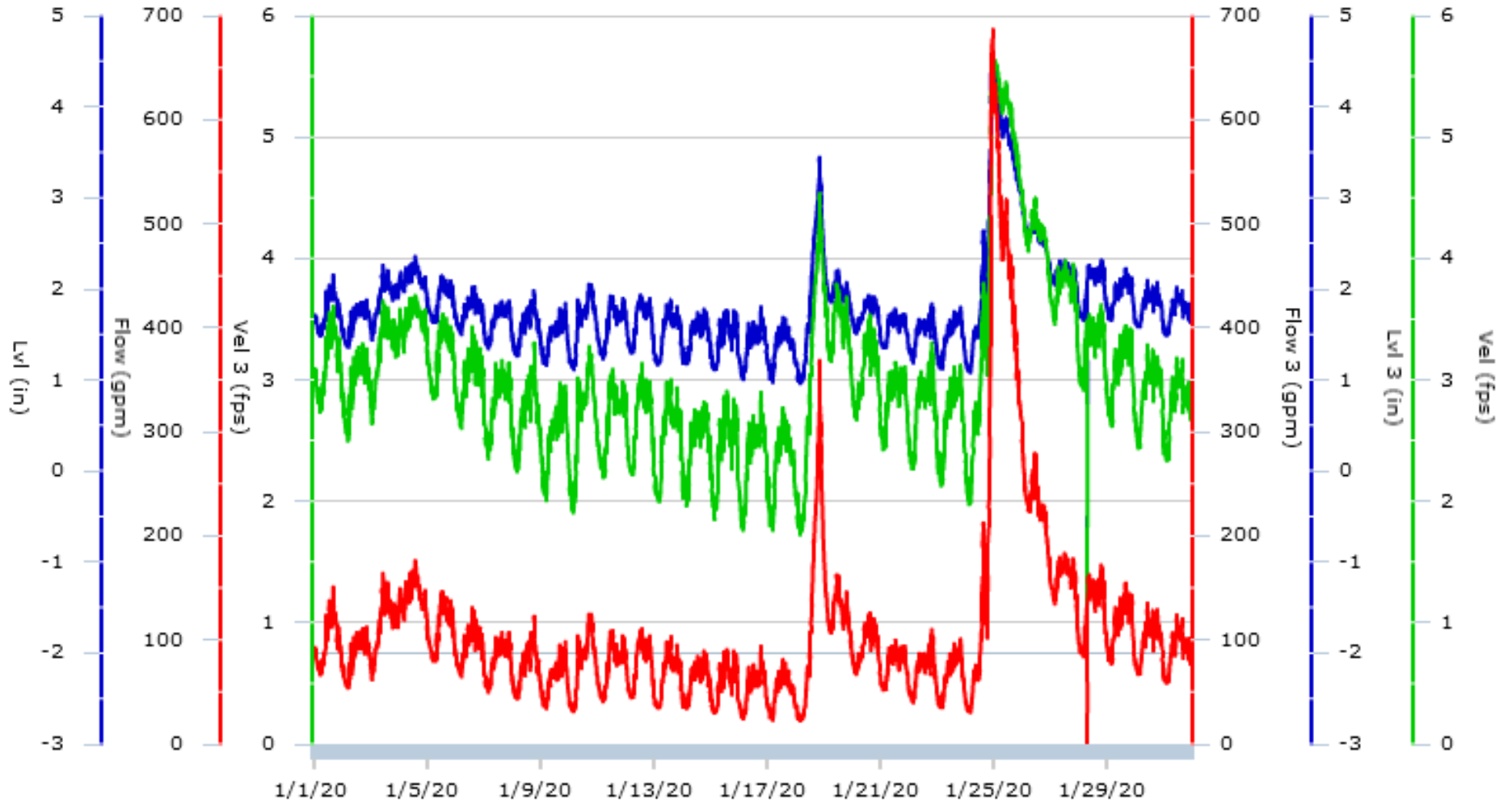
Main/Chestnut St Waterline Project

Submitted to DCED on 11/30 (Web ID# 8360578, Project ID# 2019-11-30-1667)

Rules & Regs – several upcoming issues/questions

1. Cookie Plant Sale – required sewer upgrades (6-8"); limits of upgrades and how strict?
2. Fox's Pizza – unknown ownership of existing 6" lateral to manhole; limit of upgrade?
3. Night Spot – currently used for boat storage (no water/sewer usage); should line be capped?

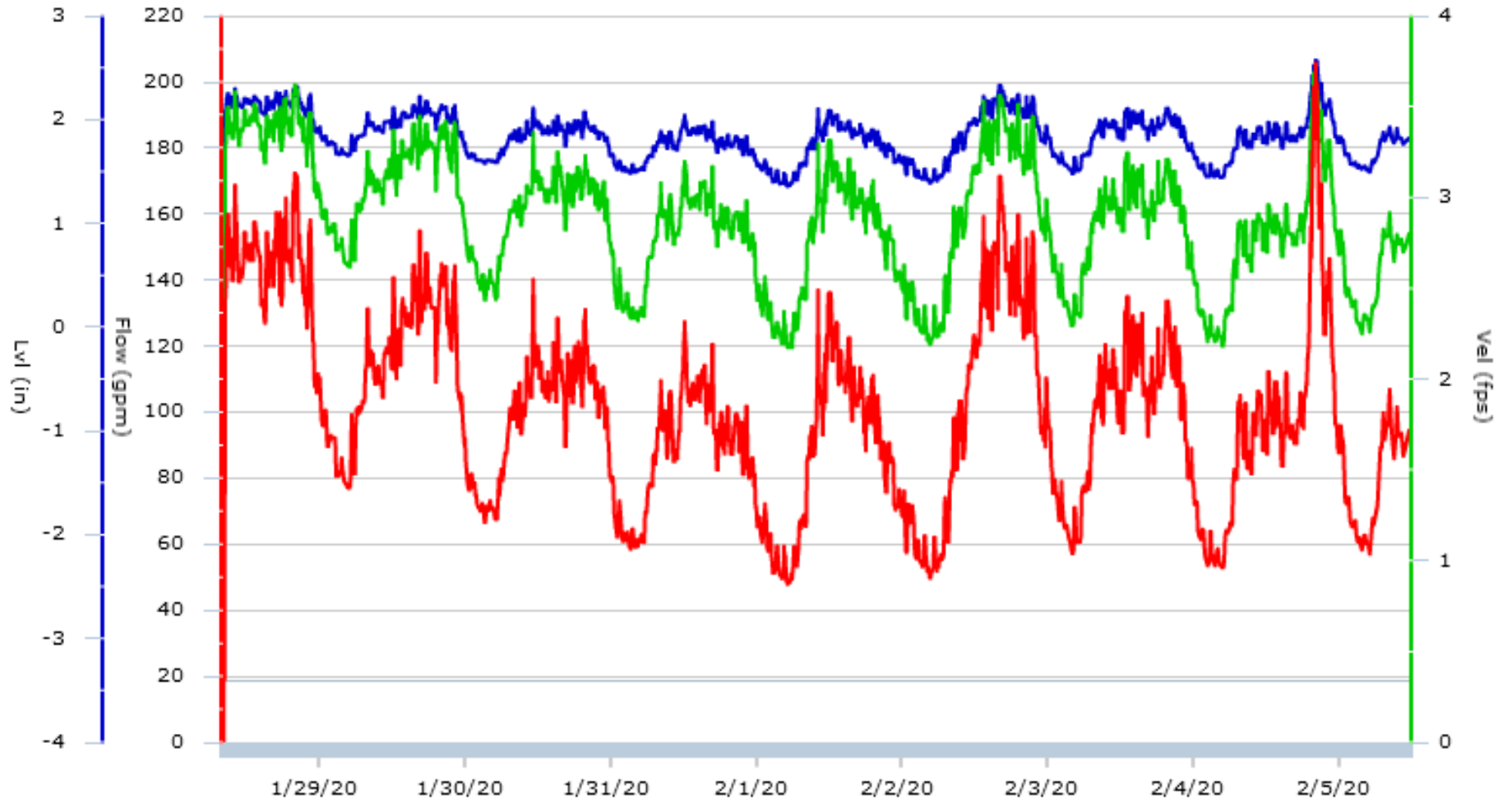
RIMERSBURG TREATMENT PLANT



Thu Jan 9 2020 02:40:00 AM

- | | | |
|--|--|--|
| ■ Lvl (in) | ■ Vel (fps) | ■ Flow (gpm) |
| ■ Lvl 3 (in)
1.18 | ■ Vel 3 (fps)
2.09 | ■ Flow 3 (gpm)
36.81 |

RIMERSBURG TREATMENT PLANT



■ Lvl (in) ■ Vel (fps)
■ Flow (gpm)

WATER SUPPLY INSPECTION REPORT

Facility Name RIMERSBURG BORO MUNI AUTH	PWSID No 6160012	Inspection Date 2020-01-23
Facility Location 27 MAIN STREET RIMERSBURG PA 16248	County Clarion	Municipality East Brady
Responsible Officials Name FOWLER GARY	Telephone: (814) 473-6519	
	SystemType: Community	Population: 1873
Certified Operator name ----	Field Order Number: ----	
	Issue Date(mm/dd/yy): ----	

eFACTS info

Inspection ID: 2986699

Inspection Type: RTNC

Violations

C4A - 25 PA Code, Chapter 109.4

4 - WATER STORAGE

ST - 001 - STORAGE TANK #1

STORAGE STRUCTURE

The PWS does not inspect the interior of the storage tank. AWWA Standard M42 recommends that storage tanks are cleaned and inspected once every three years.

Minor Deficiency

3- DISTRIBUTION SYSTEM

PIPE MATERIALS

DS - 004 - RIMERSBURG BORO

The PWS does not have a current inventory of lead pipes, lead service lines, and/or lead goosenecks.

Remarks:Whenever they find some they get rid of them.

3- DISTRIBUTION SYSTEM

VALVES

DS - 004 - RIMERSBURG BORO

There are no written procedures for isolating portions of the system and repairing mains.

3- DISTRIBUTION SYSTEM

OPERATIONS

DS - 004 - RIMERSBURG BORO

Distribution system unaccounted for water is more than 15% of the total production.

Remarks:Unaccounted for water has been more than 15% of the total production in 2016, 2017, and 2018. Frank stated that they have reduced their lost water from 75% to 25% in the last several years and are diligently working on this problem.

3- DISTRIBUTION SYSTEM

OPERATIONS

DS - 004 - RIMERSBURG BORO

All distribution system service connections are not metered.

Remarks:There is one that is not metered, is rarely used and will be eliminated in the future

3- DISTRIBUTION SYSTEM

OPERATIONS

DS - 004 - RIMERSBURG BORO

The distribution system is not flushed.

Remarks:They do flush the newer section in town. They used to flush the older sections every Wednesday but got a lot of customer complaints.

3- DISTRIBUTION SYSTEM

OPERATIONS

DS - 004 - RIMERSBURG BORO

The PWS receives customer complaints from dead end service areas.

Remarks:They take the meters off and flush the lines

4- WATER STORAGE

GENERAL GROUNDS

ST - 001 - STORAGE TANK #1

The grounds surrounding the storage tank are not secure from unauthorized access. The grounds surrounding the storage tank should be secured or monitored from unauthorized access.

Remarks:Area surrounding the tank is not fenced and locked. Small lock, is only on the ladder.

4- WATER STORAGE

GENERAL GROUNDS

ST - 001 - STORAGE TANK #1

The overflow discharges are not screened, which does not meet the design standards set forth in the Public Water Supply Manual.

4- WATER STORAGE

STORAGE STRUCTURE

ST - 001 - STORAGE TANK #1

The exterior coating of the storage tank is peeled, cracked, covered in vegetation or in need of cleaning.

Remarks:Needs painting

4- WATER STORAGE

STORAGE STRUCTURE

ST - 001 - STORAGE TANK #1

Freezing has occurred in the storage tank and measures were not taken by the PWS to prevent freezing. Freezing of finished water storage structures and their appurtenances will interfere with the proper function. This does not meet the design standards set forth in the Public Water Supply Manual.

4- WATER STORAGE

STORAGE STRUCTURE

ST - 001 - STORAGE TANK #1

The manhole covers of the storage tank are not watertight and/or locked, which does not meet the design standards set forth in the Public Water Supply Manual.

4- WATER STORAGE

STORAGE STRUCTURE

ST - 001 - STORAGE TANK #1

The storage tank does not have sample taps at the tank's inlet and outlet to allow for sampling

of water entering and leaving the tank.

4- WATER STORAGE

STORAGE STRUCTURE

ST - 002 - FAIRGROUNDS TANK

The date of the last storage tank inspection is not known, this information should be indicated on the water system's operating reports or maintenance records.

4- WATER STORAGE

STORAGE STRUCTURE

ST - 002 - FAIRGROUNDS TANK

External ladders and/or tank hatches are not locked, which does not meet the design standards set forth in the Public Water Supply Manual.

Remarks:Need ladders to get to the ladders

4- WATER STORAGE

STORAGE STRUCTURE

ST - 002 - FAIRGROUNDS TANK

The storage tank does not have sample taps at the tank's inlet and outlet to allow for sampling of water entering and leaving the tank.

5- PUMPS AND CONTROLS

OPERATION AND MAINTENANCE

PST - 002 - PUMP STATION #2

Operational records for the pumping facility are not being maintained.

Remarks:Amp/ volt readings not documented

6- MONITORING AND REPORTING

METHOD 334.0

DS - 004 - RIMERSBURG BORO

Sample cells are not clean and free of scratches and/or are not appropriate for the chlorine grab sample method being used.

Remarks:Sample cells scratched and recommend they be replaced soon

8- SYSTEM MANAGEMENT

ASSET MANAGEMENT

DS - 004 - RIMERSBURG BORO

The PWS does not have an Asset Management Plan.

Remarks:Recommend that system start one and plan for upkeep of equipment.

8- SYSTEM MANAGEMENT

PLANS, MAPS, AND REPORTS

DS - 004 - RIMERSBURG BORO

The water system does not have an Uninterrupted System Service Plan that contains all of the required elements. This will be a violation if the water system does not certify completion of the plan by the date applicable for the system's size outlined in Chapter 109.708.

Remarks:Has applied for grants to get generator for system. Knows to get plan in by February

General Comments

Met onsite with certified operator, Frank McNaughton for a full routine inspection. Nate Elder (DEP) also present. Toured pump station and storage facilities. Took photos and did some field sampling. Reviewed all the site sampling and operation plans for the water system. At 11:01am free chlorine is 1.50mg/L and total chlorine is 1.08mg/L.

Reviewed last inventory of system's distribution lines. The lengths and diameters do not match up with what is in PADWIS. Frank will contact the EADS Group to get more accurate figures for those as well as add in the latest extension lines.

Pump Station #1 was not inspected since it is operated and maintained by East Brady as noted in the last inspection report. A permit application to remove this Pump Station was submitted to the Dept. on July 14, 2016. The forms have since been updated so Frank was requested to resubmit the application for this item along with updating the language regarding East Brady's blended sources and to cancel permit 1684501-MA2 for gaseous chlorine injection at Pump Station #1.

Signatures

Received by(Print Name):

Received By Signature:



Investigator (Print Name):

ROBERTA MCCALL