

DEPARTMENT HEAD MEETING
TOWN BOARD TOWN OF LIBERTY
VIA ZOOM
DATE: MONDAY OCTOBER 5, 2020
DEPARTMENT HEAD MEETING TIME: 4:00 P.M.

4:00 P.M.

PLEDGE OF ALLEGIANCE

DEPARTMENT HEADS:

ASSESSOR	
CEO	
COURT	
DOG CONTROL OFFICER	
FINANCE	
HIGHWAY	
PARKS & RECREATION	
TOWN CLERK	
WATER & SEWER	
DELAWARE ENGINEERING	

BUSINESS

1. Letter from Camp Baiseinu asking that the penalty charges of \$761.40 be removed due to financial difficulties due to COVID.
2. Letter from Stanley Furst from Williamsburg Mobile regarding his water and sewer useage.

BOARD DISCUSSION

COUNCILPERSON BRIAN MCPHILLIPS
COUNCILPERSON VINCENT MCPHILLIPS
COUNCILPERSON DEAN FARRAND
SUPERVISOR FRANK DEMAYO

EXECUTIVE SESSION

BUDGET HEARINGS

ADJOURN

Town of Liberty Finance Office
120 North Main Street
Liberty, NY 12754
(845) 292-5772
c.gerow@townofliberty.org

DATE: September 30, 2020
TO: Supervisor DeMayo and Town Board Members
FROM: Earl Bertsch/Cheryl Gerow
RE: September Monthly Report

~~~~~  
The following took place in the Finance Office for the month of September:

1. Discussed and prepared program changes for the NYS Retirement System
2. Worked on program changes to water metering system
3. Attended two budget work sessions and made necessary changes.
4. Submitted payment request to EFC for Stevensville Water. Total requested and received to date is \$296,925.51
5. Supplied Demand for Discovery requests to insurance company
6. Notified Delaware River Solar of their escrow default in payment
7. Worked with multiple agencies to submit proper paperwork for reimbursement to the Stevensville Water District project
8. Researched buying versus leasing vehicle for the Assessor's Office
9. Communicated with District Attorney's Office regarding restitution owed to the Town of Liberty
10. Supplied documents and had entrance interview and exit interview with New York State Homes and Community Renewal regarding the 2017 White Sulphur Spring Grant Phase 7
11. All other daily duties and responsibilities

**TOWN OF LIBERTY  
HIGHWAY DEPARTMENT  
DEPARTMENT HEAD REPORT  
September 2020**

- September 1 - Grade dirt roads  
Ditch Wards Rd  
Clean Barn  
Work at gravel bank  
Work on trucks/equipment in shop
  
- September 2 - Haul sand  
Ditch Wards Rd  
Work at gravel bank  
Install signs  
Work on trucks/equipment in shop
  
- September 3 - Grade dirt roads  
Ditch Wards Rd  
Patch  
Work on trucks/equipment in shop
  
- September 4 - Clean out beaver dam on Boyd Rd  
Patch  
Work on trucks/equipment in shop
  
- September 8 - Grade Green Mountain Lane  
Patch  
Work on trucks/equipment in shop  
Work at gravel bank
  
- September 9 - Grade Lenape Lake Ext  
Haul sand  
Work on trucks/equipment in shop  
Work at gravel bank
  
- September 10 - Haul sand
  
- September 11 - Haul sand  
Patch  
Work at gravel bank
  
- September 14 - Grade Wards Rd  
Ditch Wards Rd  
Patch Tanzman Rd  
Work on trucks/equipment in shop

- September 15 - Ditch Wards Rd  
Haul sand  
Work on trucks/equipment in shop
- September 16 - Haul sand  
Patch Tanzman Rd  
Work on trucks/equipment in shop  
Work at gravel bank
- September 17 - Haul sand
- September 18 - Patch  
Haul sand
- September 21 - Ditch Wards Rd  
Grade Wards Rd  
Work at gravel bank  
Work on trucks/equipment in shop
- September 22 - Ditch Lenape Lake Rd  
Clean out beaver dam on Midway Rd  
Move equipment  
Work at gravel bank  
Work on trucks/equipment in shop
- September 23 - Ditch Lenape Lake Rd  
Ditch Cooley Mt. Rd  
Work at gravel bank  
Work on trucks/equipment in shop
- September 24 - Ditch Lenape Lake Rd  
Ditch Cooley Mt. Rd  
Work at gravel bank  
Work on trucks/equipment in shop
- September 25 - Haul sand  
Ditch Lenape Lake Rd  
Work on trucks/equipment in shop
- September 28 - Ditch Lenape Lake Rd  
Ditch Cooley Mt. Rd  
Sweep Anderson Rd  
Work on trucks/equipment in shop  
Haul sand

Gravel bank was inspected on September 2 by MSHA.  
Picked up new pick-up truck from Robert Green  
CHIPS, PAVE NY and EWR is said to being capped at 80%

| Account# | Account Description | Fee Description           | Qty | Local Share       |
|----------|---------------------|---------------------------|-----|-------------------|
|          | Health Insurance    | Highway Fund DA           | 1   | 0.00              |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$0.00</b>     |
| A 2590   | Highway Fees        | Road Access Permit        | 2   | 100.00            |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$100.00</b>   |
| A1255    | Conservation        | Conservation              | 17  | 80.62             |
|          | Marriage License    | Marriage License Fee      | 8   | 140.00            |
|          | Small Sales         | EZ Pass                   | 13  | 325.00            |
|          |                     | Marriage Certificate      | 1   | 10.00             |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$555.62</b>   |
| A1620.4  | Small Sales         | Photo Copies              | 9   | 3.00              |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$3.00</b>     |
| A1670.4  | Building Fees       | Certified Mailings        | 4   | 289.80            |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$289.80</b>   |
| A2544    |                     |                           | 3   | 0.00              |
|          | Dog Licensing       | Female, Spayed            | 16  | 118.00            |
|          |                     | Female, Unspayed          | 2   | 25.00             |
|          |                     | Male, Neutered            | 12  | 95.00             |
|          |                     | Male, Unneutered          | 3   | 37.50             |
|          |                     | Purebred Licenses         | 1   | 25.00             |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$300.50</b>   |
| A2545    | Dog                 | Redeemed Dog              | 1   | 75.00             |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$75.00</b>    |
| B2110    | Building Fees       | Special Mtg.-Zoning Board | 1   | 100.00            |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$100.00</b>   |
| B2115    | Building Fees       | Special Use               | 1   | 100.00            |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$100.00</b>   |
| B2770    | Building Fees       | Building Permit           | 23  | 2,354.10          |
|          |                     | Municipal Search          | 25  | 1,400.00          |
|          |                     | <b>Sub-Total:</b>         |     | <b>\$3,754.10</b> |

| Account#                                         | Account Description                       | Fee Description   | Qty                                 | Local Share       |
|--------------------------------------------------|-------------------------------------------|-------------------|-------------------------------------|-------------------|
|                                                  |                                           |                   | <b>Total Local Shares Remitted:</b> | <b>\$5,278.02</b> |
| Amount paid to:                                  | Highway Fund DA                           |                   |                                     | 194.30            |
| Amount paid to:                                  | Ny State Dept. Of Health                  |                   |                                     | 180.00            |
| Amount paid to:                                  | NYS Ag. & Markets for spay/neuter program |                   |                                     | 67.00             |
| Amount paid to:                                  | NYS Environmental Conservation            |                   |                                     | 1,355.38          |
| <b>Total State, County &amp; Local Revenues:</b> |                                           | <b>\$7,074.70</b> | <b>Total Non-Local Revenues:</b>    | <b>\$1,796.68</b> |

To the Supervisor:

Pursuant to Section 27, Sub 1, of the Town Law, I hereby certify that the foregoing is a full and true statement of all fees and monies received by me, Laurie Dutcher, Town Clerk, Town of Liberty during the period stated above, in connection with my office, excepting only such fees and monies, the application of which are otherwise provided for by law.

|            |       |            |       |
|------------|-------|------------|-------|
| _____      | _____ | _____      | _____ |
| Supervisor | Date  | Town Clerk | Date  |

DEPARTMENT HEAD REPORT  
WATER & SEWER DEPARTMENT  
October 5, 2020

1. NY Rural water finished mapping of Stevensville Water District. We now have all maps of this district and we can add to this mapping any time we need to.
2. Boring of lake is not a success. We are looking at going between the two bridges by the spillway of the lake. This will probably not be done until spring. This will be over the top like the pipe is in Ferndale.
3. W.S.S. phase 9 is winding down and the change order for the Well #1 has been started with the pipe run to the well from the pump station building. We still have \$14,000 to spend from the grant. I would like to put that money into the driveway with 2 culverts and raise driveway because of heavy rain the driveway floods. This would be an improvement.
4. Stevensville water job- The well field is all re piped. The first bore between the little pond and the lake has been all connected. It was a long day for shut down and refill of the pipe . We are waiting for Tam with telemetry, generator work, and Layne to redo the pump and motor.
5. The tank is coming along very well. They should be done in about 2 weeks.
6. We had a problem with Stevensville water with the pump not coming on on auto. We went out that evening. We were getting signal from the tank but not coming on. We came to the conclusion that there was something wrong in the panel, so we ended up running it on hand for the night, going back at midnight to check and back in at 3am to shut it off. I called Ross electric in the morning about another problem with the Infirmary generator and realize he had a man that does Fallsburg water stuff and asked him if he could have his guy come over as per what I said, it was in the panel and the delay on switch was bad. The best part of all this is that I found someone to work on our old antiquated stuff. Something going right for a change.
7. As per the pictures I sent you about Swan Lake sewer and the problem in ditch #1, we came up with a solution and are testing it now to hope that it holds. This is only the beginning because the whole end of that pipe blew out.
8. I have a big concern about going into the winter with two tanks in Stevensville. My concern is the ice pack on old tank and if we are going to have enough movement in the tank with the two tanks on line. The solution to this is to put a mixer in the tank that will keep the ice pack at bay. I have looked at my budget and getting a mixer for this tank is not a problem. We may also divide it between Ferndale, Rt ,& Loomis because they feed off of this tank. Will bring prices to meeting and be looking for approval to do this. This is very important that we get this done.

9. The DOH has notified me that there will be another sampling requirement for PFOA, PFA's and dioxane. As far as I can understand this will be a quarterly testing that will cost ,of 2500.-3000 a year. This cost will have to be added to my sampling budget. I believe it is a raw water sample from each well system, so you would have Wss well #1 when on line, well #2 which is online, meaning that WSS will pay 5000-6000 in extra sampling. Stevensville water district will consist of Sherwood welal, Roth well, Well #4, and Well #3. Lately with a raw water being that Sherwood and Roth are so close, we only have to take from one of them, but I will not know that until the DOH advises me on that. So if that is not the case, this would cost 10000-13000 a year for this testing. Again this could be split between the districts that are supplied by Stevensville. Just another hurdle we have to push through..
10. I have been going through applications and will be starting to interview people in the next couple of weeks.
11. Apparently some places are questioning our sewer meters which has entailed CPE services to come and check out these couple of meters. The problems are self inflicted. This is why I or we at the sewer dept have these sewer meters calibrated in the Spring and we pay for this service because we know that the places that have these meters will not have it done . So this is a good thing that happened because they do not have a leg to stand on that the meters are out of calibration.
12. Anything else that may arise before the meeting.



95 Devany Road, Ferndale, NY 12734 (845)295-3111 Fax(845)295-3113

September 23, 2020

Sewer Units  
120 North Main Street  
Liberty NY 12754

To whom It May Concern:

Firstly thank you for all you are doing in these trying times.  
Due to Covid our office has not been running on our regular schedule.  
Unfortunately, we got hid hard financially with the Governor's ruling not to open  
overnight camps. We are requesting removal of the penalty charges in the  
amount of\$761.40. We are enclosing the total amount due \$30,262.61. We pray  
for this pandemic to become a thing of the past and good health for all. Looking  
forward to a positive response.

Lazar Luria, Director  
Baiseinu

**supervisordemayo@townofliberty.org**

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**From:** Laurie Dutcher <l.dutcher@townofliberty.org>  
**Sent:** Thursday, September 24, 2020 4:01 PM  
**To:** supervisordemayo@townofliberty.org  
**Subject:** FW: Williamsburg Mobile Corp. sewer bill, Stanley Furst  
**Attachments:** WMC water & sewer 090120.pdf; Metz letter re Chai Villas 092420.docx

Hi Frank,  
I was asked to forward this to you from Stanley Furst from Williamsburg Mobile.  
Laurie

**From:** stan furst [mailto:chaivillas@gmail.com]  
**Sent:** Thursday, September 24, 2020 3:37 PM  
**To:** l.dutcher@townofliberty.org; stanleyfurst@gmail.com  
**Subject:** Williamsburg Mobile Corp. sewer bill, Stanley Furst

Dear Laurie Dutcher,  
Liberty Town Clerk,  
As per your request, I am submitting a copy of my Water usage bill, and a corresponding Sewer bill for the period of 06/01/20-09/01/20.  
As you can see, there is a tremendous difference between the two bills.  
We had Robert Metz from CPE SERVICE SYSTEMS SOLUTIONS, the town recommended sewer meter installer, do an inspection.  
I have attached a copy of his report and professional determination.  
Please advise, what is further necessary for me to do.  
Thank you in advance for your kind assistance in this matter, and prompt attention.  
Please feel free to call me if you have any questions or updates.  
Sincerely,  
Stanley Furst  
347 524 7686

9/24/20

# ACTUAL WATER USAGE

| BILLING DATE   |         | 9/01/2020     |          | BILL NO            |                          | 337                      |         |
|----------------|---------|---------------|----------|--------------------|--------------------------|--------------------------|---------|
| BILLING PERIOD |         | METER READING |          | TOTAL GALLONS USED | MINIMUM CHARGE (ADVANCE) | AMOUNT OWED OVER MINIMUM | TOTAL   |
| FROM           | TO      | PRESENT       | PREVIOUS |                    |                          |                          |         |
| 6/01/20        | 9/01/20 | 1973000       | 1524000  | 449000             | 60.00                    | 2185.00                  | 2245.00 |

MAKE CHECKS PAYABLE TO

STEVENSVILLE WTR  
120 N. MAIN ST. · LIBERTY, NEW YORK 12754

| ACCOUNT NUMBER | LOCATION     | WD # |
|----------------|--------------|------|
| 000008100      | \$40 B 1 L28 | 03   |

WILLIAMSBURG MOBILE CORP  
RED BARN MOBILE PARK

1551 EAST 8TH ST  
BROOKLYN NY 11230

D=large volume charge

(845)  
292-5620  
pd 9/22/20  
# 72-19  
9 3728 25

**PENALTY CLAUSE**  
10% PENALTY IMPOSED AFTER 30 DAYS FROM DATE OF THIS BILL ADDITIONAL 10% IMPOSED AFTER 60 DAYS FROM DATE OF THIS BILL. BILLS IN ARREARS ON NOV 1<sup>ST</sup> OF EACH YEAR TRANSFERRED TO THE TOWN AND COUNTY TAX ROLL.

|                             |         |
|-----------------------------|---------|
| ARREARS (INCLUDING PENALTY) |         |
| METER INSTALL OR REMOVAL    |         |
| D                           | 1483.25 |
| <b>DUE AMOUNT</b>           | 3728.25 |
| PENALTY                     | 372.83  |
| PAYMENT AMOUNT              |         |

CUSTOMER COPY

| BILLING DATE   |         | 9/01/2020     |          | BILL NO            |                          | 557                      |          |
|----------------|---------|---------------|----------|--------------------|--------------------------|--------------------------|----------|
| BILLING PERIOD |         | METER READING |          | TOTAL GALLONS USED | MINIMUM CHARGE (ADVANCE) | AMOUNT OWED OVER MINIMUM | TOTAL    |
| FROM           | TO      | PRESENT       | PREVIOUS |                    |                          |                          |          |
| 6/01/20        | 9/01/20 | 2412316       | 170241   | 22420752           | 2420.75                  |                          | 22420.75 |

MAKE CHECKS PAYABLE TO

SEWER UNITS  
120 N. MAIN ST. · LIBERTY, NEW YORK 12754

| ACCOUNT NUMBER | LOCATION     | WD # |
|----------------|--------------|------|
| 000001800      | \$40 B 1 L28 | 08   |

WILLIAMSBURG MOBILE CORP  
CHAI VILLAS

1551 EAST 8TH ST  
BROOKLYN NY 11230

Payable to  
Swan Lake Sewer

METER READING ?

**PENALTY CLAUSE**  
10% PENALTY IMPOSED AFTER 30 DAYS FROM DATE OF THIS BILL ADDITIONAL 10% IMPOSED AFTER 60 DAYS FROM DATE OF THIS BILL. BILLS IN ARREARS ON NOV 1<sup>ST</sup> OF EACH YEAR TRANSFERRED TO THE TOWN AND COUNTY TAX ROLL.

|                             |          |
|-----------------------------|----------|
| ARREARS (INCLUDING PENALTY) |          |
| METER INSTALL OR REMOVAL    |          |
| <b>DUE AMOUNT</b>           | 22420.75 |
| PENALTY                     | 2242.08  |
| PAYMENT AMOUNT              |          |

From STANLEY FUNST - 347-524-7686



SERVICE SYSTEMS SOLUTIONS

September 24, 2020

Swan Lake Sewer  
Attn: Mr. Stanley Furst  
102 N. Main Street  
Liberty, NY 12754

Ref: Chai Villas  
Isco Signature, S/N: 219J00785

Swan Manor  
Isco Signature, S/N: 219C02430

Dear Mr. Furst:

You called Sept. 9 requesting we send a tech to your site as you suspected erroneous flow readings. CPE had previously been on your site June 30 and performed a calibration. We sent a tech Sept. 10 to investigate. We took measurements, pulled data, and analyzed. We found the following issues:

1- There were a couple of boards in the pit. We are guessing one of these at some point hit the sensor as the sensor was approximately 1" lower than the previous location when calibrated on June 30. This caused the reported flow rate to be overstated for some period of time between June 30 and Sept. 10. This was corrected on Sept. 10.

2- At some point in time there was a backup. Something downstream of the flume prevented free flow from the flume and caused the level to increase. This is typical of a clogging situation. Since the flow meter measures level to calculate the flow, the clog causes the meter to overstate the flow. It appears the flow was overstated by about 300,000 to 400,000 gallons due to the clogging event that occurred July 13-15<sup>th</sup>.

3- Based on these situations, it is impossible to know exactly how much water was discharged. My best guess is that 688,896 gallons of water were discharged between June 1 and August 31. I am fairly confident that the discharge did not exceed 792,230 gallons.

4- All adjustments and corrections were made to the flow meter. However, any movement of the ultrasonic sensor without re-calibration, or any backups will once again lead to erroneous readings which will require interpretation and estimation of the actual flow rates. These factors need to be eliminated.

Feel free to reach out to me if you have any questions or concerns. I have attached the full report from the CPE technician who completed the work on both dates.

*Robert Metz*  
315-727-4790

ROCHESTER  
110 Elmgrove Park  
Rochester, NY 14624  
P 585.247.3030  
F 585.247.7268

ALBANY  
35 Maplewood Avenue  
Albany, NY 12205  
P 518.458.7252  
F 518.458.7259

CARIBBEAN  
43 Main Street, Mandeville  
Manchester, Jamaica W.I.  
P 876.962.6592  
F 876.963.8144



SERVICE SYSTEMS SOLUTIONS

September 11, 2020

Swan Lake Sewer  
Attn: Mr. Stanley Furst  
102 N. Main Street  
Liberty, NY 12754

Ref: Chai Villas  
Isco Signature, S/N: 219J00785

Swan Manor  
Isco Signature, S/N: 219C02430

Dear Mr. Furst:

On September 10, 2020, the undersigned visited your facility at Chai Villas and Swan Manor to verify disputed flow data. CPE had visited on June 30, 2020 for calibrations at these locations.

At Chai Villas, CPE made an adjustment from 0.24 inches to 1.4 inches inside the flume, which calculates to an increase of 8-10 gpm. We spoke with Jim Terbsra, he stated the customer has infiltration in his vault, and the pitch from the sewer line back to the vault promotes clogging of the line, causing the sewer manhole to overflow, and thus the vault to backup and overflow. Due to the functional nature of ultrasonic level sensors, these events give erroneous flow readings based on level in the flume, or in this case the vault. The following page shows charted data that indicates one of these "clog/overflow events" through the flowmeter sensor starting on July 8, 2020 until July 15, 2020. There are 2x4s that hold up the foam insert to keep the flume from freezing during cold days. It is thought that sometimes these 2x4s may fall onto the sensor. Images show this 2x4 on the sensor itself, likely causing the erroneous readings consistently. This signature unit has a USB connection that is no longer functional, therefore, data acquisition was acquired through the stored microSD card within the unit. The level on this unit was reading 1 inch, and no flow was going through the flume. An adjustment was made.

The USB connection on the signature itself seems unable to interface with any USB device. Visual inspection shows it looked malformed internally, as if a USB device was jammed in the wrong way several times, damaging the internal connector.

Chai Villas average flow outside of these discrepancies calculate to an average level per day of 0.68 inches (5.2 gpm). The flow data shows this as a consistent average throughout the 3-month span. This calculates to an approximate totalized flow 7,488 gallons per day or a total of 471,744 gallons over 63 days (June 30<sup>th</sup> to September 1<sup>st</sup>).

Swan Manor had no anomalies noted in its flow profile. Adjustments were made on June 30, 2020 from 0.25 inches in the flume to 1.0 inches. On September 10, we verified 1 inch inside the flume, and the signature unit was reading 1 inch. No adjustment was necessary. Data for this unit is also detailed on the following pages. Currently both units are working per manufacturers' recommendation.

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Rochester, NY 14624

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CARIBBEAN  
43 Main Street, Mandeville  
Manchester, Jamaica W.I.

P 876.962.6592  
F 876.963.8144



SERVICE SYSTEMS SOLUTIONS

Regards,

*Kenny Ratliff*

Kenny Ratliff  
Service Technician  
[ratliff@corrosion-products.com](mailto:ratliff@corrosion-products.com)



**ROCHESTER**

110 Elmgrove Park  
Rochester, NY 14624

**P** 585.247.3030

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SERVICE SYSTEMS SOLUTIONS

9/10/2020 11:17:15 AM  
2020-09-10T11:17:15  
Chai Villas Program Data  
Model 4300 Id 219J00785  
HW Rev: D0 SW Rev: 1.31.036  
310 Isco Ultrasonic Sensor - A0 - 1.17.1 - 219J02724  
300 Isco Connector Case Sensor - C0 - 1.19.4 - 219J00785  
MODBUS Input Setup - ASCII,115200,8,N,1  
Flow Rate units of measure: gpm  
Level units of measure: in  
Rainfall units of measure: in  
Temperature units of measure: °C  
Volume units of measure: gal  
Input Voltage units of measure: volts  
Wireless Signal units of measure: %  
Relative Humidity units of measure: %  
Home Display:  
Total Flow  
Flow Rate  
310 Level  
Level Configuration for 310 Level  
Blanking Distance: min 12.000 in. max 20.000 in.  
Flow Conversion for Flow Rate  
Flume Palmer-Bowlus -  
Input: 310 Level, Rate: 30 seconds, Size: 6.00 in  
The maximum level is not set  
Volume Configuration for Total Flow  
Input Flow Rate: Flow Rate  
Totalizer: Net  
Resolution: 999999999  
Update: 30 seconds  
Data Storage Setup:  
Measurement: 310 Level  
Primary: 5 minutes  
Measurement: Flow Rate  
Primary: 5 minutes  
Measurement: Total Flow  
Primary: 5 minutes  
Measurement: 310 Ultrasonic Signal  
Primary: 5 minutes  
Measurement: 300 Case Humidity  
Primary: 5 minutes  
Measurement: 300 Reference Humidity  
Primary: 5 minutes  
Report 1 with a 24 hours Interval at 2019-09-27T11:59:59:  
Measurement: 310 Level  
Measurement: Flow Rate  
Measurement: Total Flow  
Report 2 with a Monthly Interval at 2019-11-01T11:59:59:  
Measurement: 310 Level  
Measurement: Flow Rate  
Measurement: Total Flow

ROCHESTER

110 Elmgrove Park  
Rochester, NY 14624

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F 585.247.7268

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Albany, NY 12205

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F 518.458.7259

CARIBBEAN

43 Main Street, Mandeville  
Manchester, Jamaica W.I.

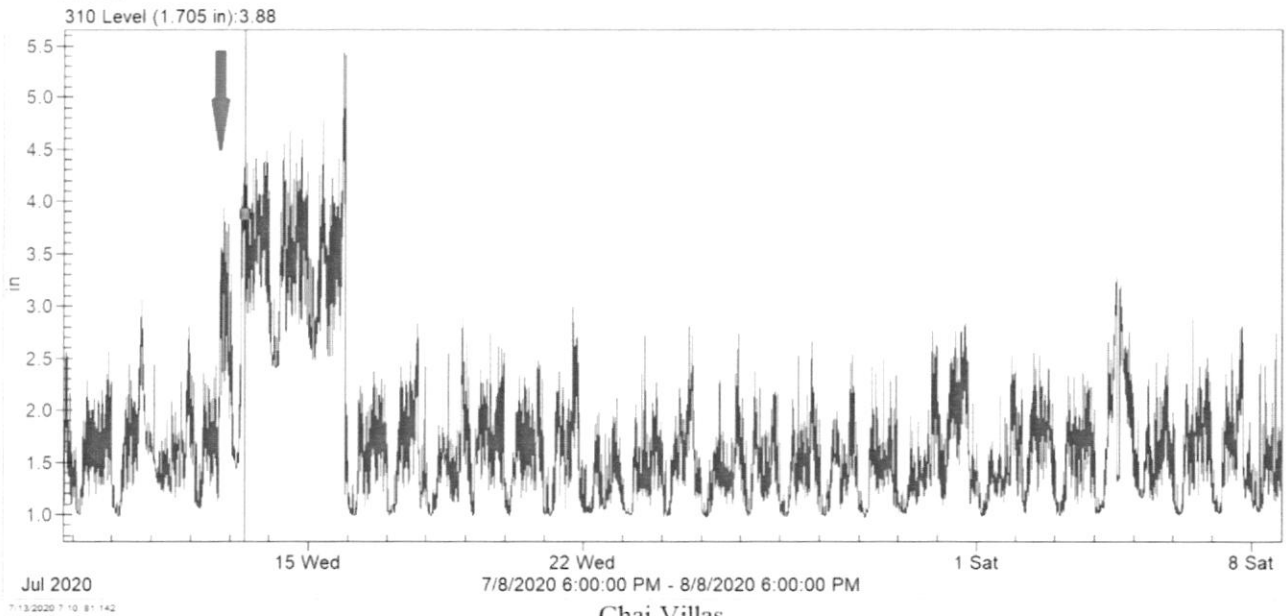
P 876.962.6592  
F 876.963.8144



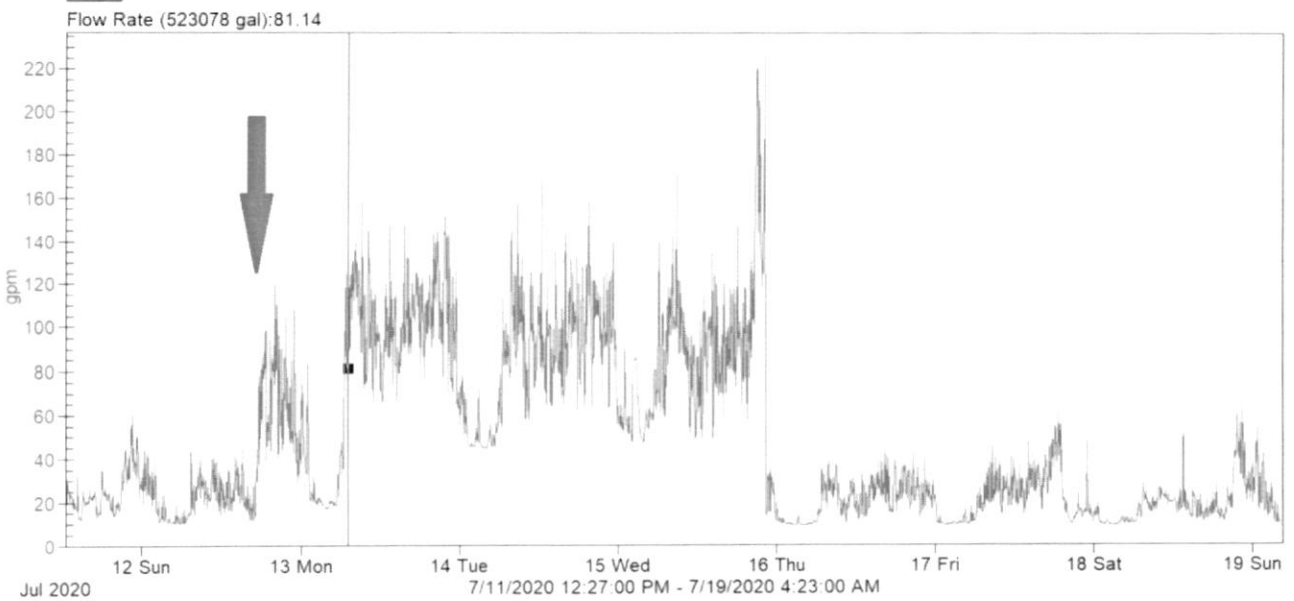
SERVICE SYSTEMS SOLUTIONS

7/13/2020 8:48:38 AM

### Chai Villas Flowlink 5



### Chai Villas Flowlink 5



It is unclear when the 2x4 hitting the sensor might have occurred. It is possible it could have happened after placing the foam insert back in after last calibration or shortly after recalibration naturally.

ROCHESTER  
110 Elmgrove Park  
Rochester, NY 14624  
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F 585.247.7268

ALBANY  
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Albany, NY 12205  
P 518.458.7252  
F 518.458.7259

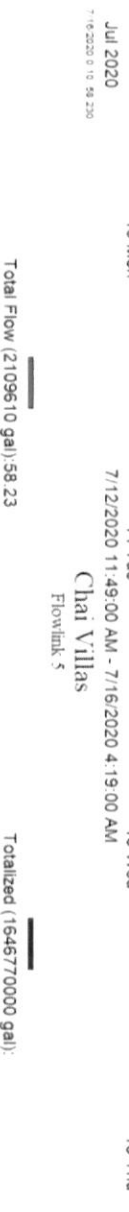
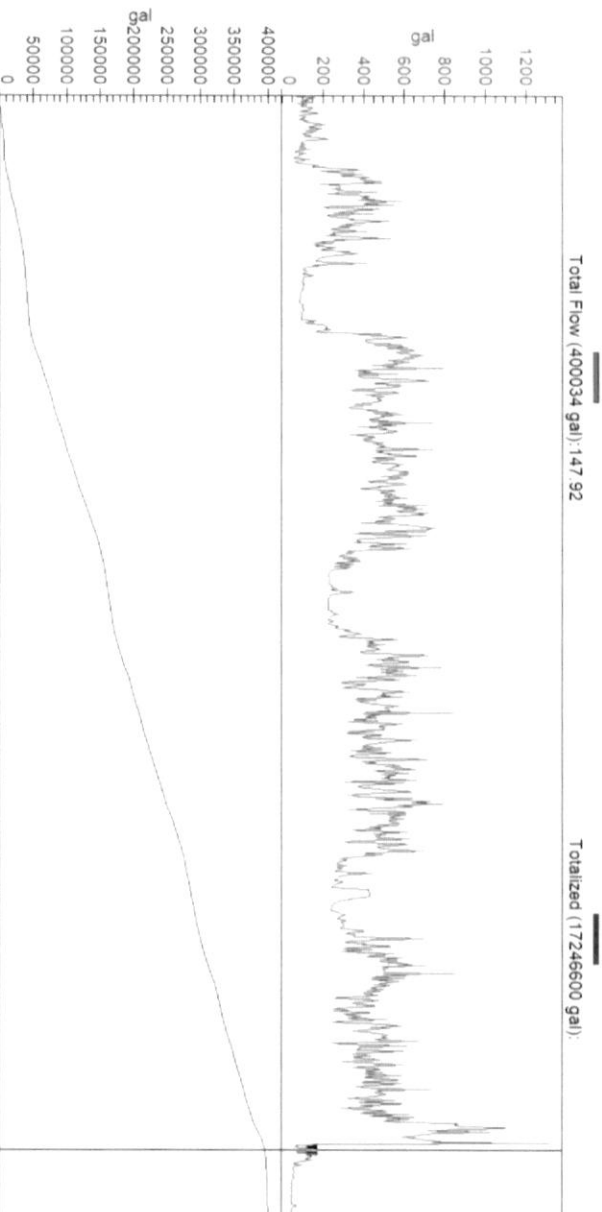
CARIBBEAN  
43 Main Street, Mandeville  
Manchester, Jamaica W.I.  
P 876.962.6592  
F 876.963.8144



SERVICE SYSTEMS SOLUTIONS

7/15/2020 22:56:44.916

Chai Villas  
Flowlink 5



ROCHESTER  
110 Elmgrove Park  
Rochester, NY 14624

P 585.247.3030  
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SERVICE SYSTEMS SOLUTIONS

Chai Villas Vault:



Waste debris can be seen within the overflow outside of the flume, fallen 2x4 plank against the sensor with waste debris seen on the 2x4 indicating the plank falling before the clog event.

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SERVICE SYSTEMS SOLUTIONS

6/30/2020 10:54:18 AM  
2020-06-30T10:54:18  
Swan Manor Program Data  
Model 4300 Id 219C02430  
HW Rev: D0 SW Rev: 1.31.036  
300 Isco Connector Case Sensor - C0 - 1.19.4 - 219C02430  
310 Isco Ultrasonic Sensor - A0 - 1.17.1 - 219C02241  
MODBUS Input Setup - ASCII,115200,8,N,1  
Flow Rate units of measure: gpm  
Level units of measure: in  
Rainfall units of measure: in  
Temperature units of measure: °C  
Volume units of measure: gal  
Input Voltage units of measure: volts  
Wireless Signal units of measure: %  
Relative Humidity units of measure: %  
Home Display:  
Total Flow  
Flow Rate  
310 Level  
Level Configuration for 310 Level  
Blanking Distance: min 12.000 in. max 22.000 in.  
Flow Conversion for Flow Rate  
Flume Palmer-Bowlus -  
Input: 310 Level, Rate: Continuous, Size: 6.00 in  
The maximum level is not set  
Volume Configuration for Total Flow  
Input Flow Rate: Flow Rate  
Totalizer: Net  
Resolution: 999999999  
Update: 15 seconds  
Data Storage Setup:  
Measurement: 300 Case Humidity  
Primary: 5 minutes  
Measurement: 300 Reference Humidity  
Primary: 5 minutes  
Measurement: 310 Level  
Primary: 5 minutes  
Measurement: Flow Rate  
Primary: 5 minutes  
Measurement: Total Flow  
Primary: 5 minutes  
Measurement: 310 Ultrasonic Signal  
Primary: 5 minutes  
Report 1 with a 24 hours Interval at 2019-03-26T23:59:59:  
Measurement: 310 Level  
Measurement: Flow Rate  
Measurement: Total Flow  
Report 2 with a Monthly Interval at 2019-03-01T23:59:59:  
Measurement: 310 Level  
Measurement: Flow Rate  
Measurement: Total Flow

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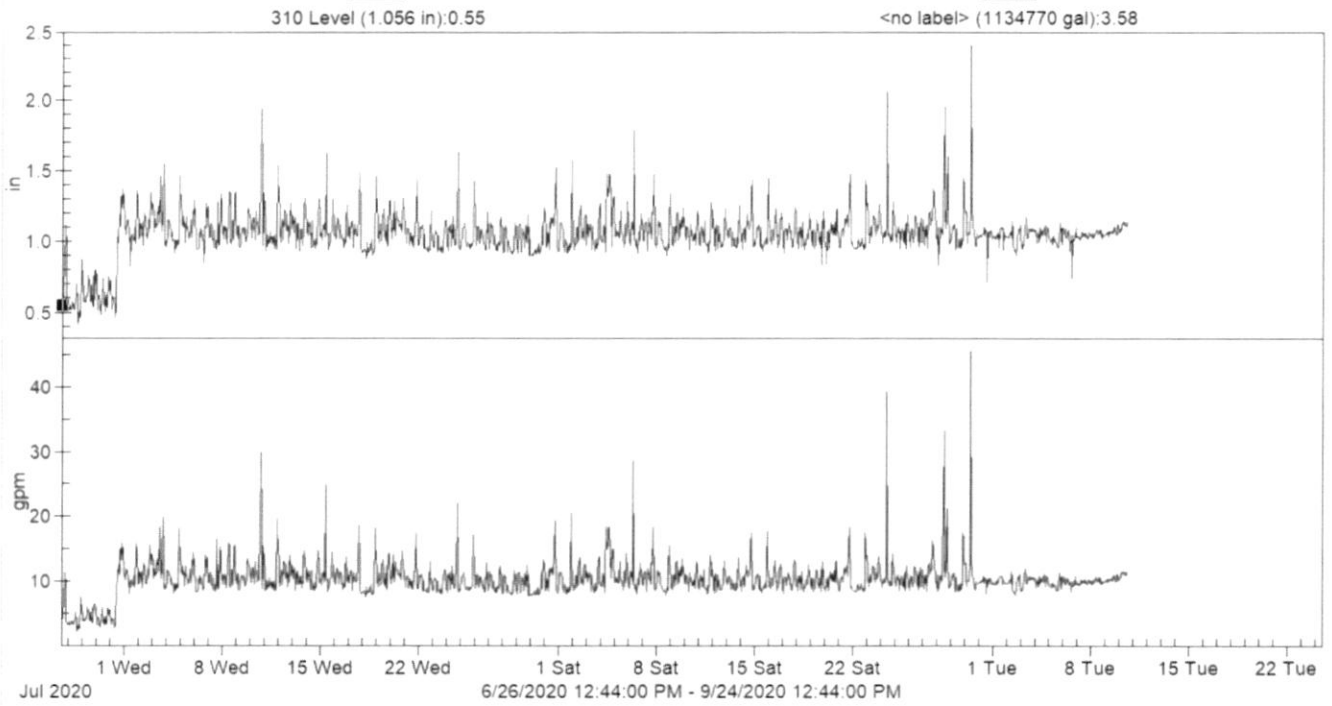
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SERVICE SYSTEMS SOLUTIONS

6/26/2020 13:44 0.548

### Swan Manor Flowlink 5



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SERVICE SYSTEMS SOLUTIONS



Swan Manor's vault shows no signs of overflow, and approximately 10 gpm (1 inch) flowing through the flume.

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