



**city of beech grove**

---

**Department of Public Works**

**2021**  
**Annual Report**



city of beech grove

---

## Department of Public Works

To Mayor Buckley, City Council, Board of Works, and the Citizens of Beech Grove:

I am pleased to present the 2021 Department of Public Works Annual Report. Each year the Department of Public Works serves the residents of Beech Grove by collecting trash, filling potholes, plowing and salting streets, removing brush and leaves, and performing other essential duties of the city for its residents.

The Department of Public Works experienced some personnel changes in 2021. Brendon Crocker and Cody Cantrell were hired in the spring to fill open full-time positions. Mr. Crocker obtained his CDL and was promoted from Probationary Laborer (1<sup>st</sup> year) to Commercial Driver in November. Tanner Royer was hired in the summer to fill the open part-time position that was created when Mr. Cantrell was promoted to full-time.

In 2021, the Department of Public Works purchased a new Caterpillar Loader with an articulating bucket. This loader will be used in several capacities at DPW such as loading salt, brush, leaves, wood chips, dirt, and gravel. The new Caterpillar loader is replacing our old 2007 Case loader that was auctioned off due to age and reoccurring maintenance costs. DPW also auctioned off a 2003 Chevy 7500 dump truck and a 2008 Kenworth TM300 dump truck. Two Ford F550 dump trucks were ordered in 2021 which are anticipated to be delivered in 2022 due to equipment manufacturing delays. DPW also ordered a new Altec AT37G bucket truck which was pushed into 2022 for delivery. Due to the delay, DPW will continue to use its 2003 Duralift bucket truck until the new truck is delivered. The bucket truck is a critical piece of machinery for the department and there can be no gap in the service that it provides the community.

During 2021, the city of Beech Grove saw the start of construction on the Greenway Trail. This federally funded project will provide a 2.28-mile trail to serve the citizens of Beech Grove. It will provide connectivity to city parks, schools, and neighborhoods. The Greenway Trail is scheduled to be completed in 2022.

I give thanks to God for allowing the Department of Public Works to serve the City of Beech Grove in an excellent way during the challenges that faced us in 2021. I am proud of the many accomplishments of the Department of Public Works which can be credited to its dedicated employees. As we move into 2022, we look to continue excellent service to the great citizens of Beech Grove. Should you have any questions about this report or the Department of Public Works, please feel free to reach out to me.

Sincerely,

Brad Meriwether  
Director of Public Works

# ***2021 Personnel***

## **Director of Public Works**

Brad Meriwether

## **Street Commissioner**

Jamie Lockwood

## **Sanitary/Storm Supervisor**

Phil Gurganus

## **Mechanic**

Matt Maurice

## **Commercial Drivers**

Johnathan Challis

Steve Cole

Brendon Crocker

Bruce Giffin

Sam Hurrle

Phillip Lamping

Andrew Royer

Anthony Thompson

Dave Watson

## **Full-time Laborers**

Ron Burns

Cody Cantrell

## **Part-time Laborers**

Dominic Clouse

Tanner Royer

*Our goal at DPW is to provide our community with the highest quality public service that continually enhances the quality of life for all our residents. These services will be provided by dedicated, trained, and responsible employees who are committed to excellence.*

## Section 1. Work Order Information

- 39 – Pothole Requests
- 33 – Tons of Asphalt Used
- 22 – Gravel Alley Requests
- 208 – New Totes Delivered
- 32 – Broken Tote Lids Replaced
- 39 – Sign Replacements or Repairs
- 284 – Miscellaneous Work Orders
- 326 – Mattresses Collected by Ray's
- 10 – Dumpster yards for Metal
- 270 – Dumpster yards for Heavy Trash
- 300 – Dumpster yards for Wood Chips
- 120 – Dumpster yards for Brush

## Section 2. Weather Events

- 1/1 – Ice & slick conditions required salting for 6 hrs. Approx. 60 tons of salt were used.
- 1/2&3 – 0.2" of snow required salting for 6 hours. Approx. 40 tons of salt used.
- 1/15 – 0.5" of snow required salting for 6 hours. Approx. 60 tons of salt used.
- 1/17 – 0.5" of snow required salting for 3 hours. Approx. 40 tons of salt used.
- 1/19 – Slick conditions required salting for 3 hours. Approx. 20 tons of salt used.
- 1/24 – 0.5" of snow required salting for 3 hours. Approx. 40 tons of salt used.
- 1/25 – Ice & slick conditions required salting for 7 hrs. Approx. 50 tons of salt were used.
- 1/27 – 0.5" snow required salting for 6 hours. Approx. 60 tons of salt used.
- 1/30 – 4" snow required plowing & salting for 10 hrs. Approx. 80 tons of salt were used.
- 1/31 – 1" snow required salting for 6 hrs. Approx. 50 tons of salt were used.
- 2/1 – 1" of snow required salting for 5 hrs. Approx. 30 tons of salt used.
- 2/4 – Ice and slick conditions required salting for 3 hours. 20 tons of salt used.
- 2/5 – Slick conditions required salting for 4 hours. 20 tons of salt used.
- 2/6 – 1" of snow required salting for 5 hours. 60 tons of salt used.
- 2/8&9 – 0.5" of snow required salting for 8 hours. Approx. 60 tons of salt used.
- 2/10&11 – 1" of snow required salting for 10 hours. Approx. 70 tons of salt used.
- 2/15&16 – 10" of snow required plowing and salting for 36 hours. Approx. 120 tons of salt were used.
- 2/18 – 3" of snow required plowing and salting for 12 hrs. Approx. 80 tons of salt were used.
- 4/20 – 2" of snow fell and required salting for 3 hrs. Approx. 20 tons of salt used.

## Section 3. Street Sweeping Program

April	Tonnage – 102.35
May	Tonnage – 60.23
June	Tonnage – 59.69
July	Tonnage – 62.10
August	Tonnage – 58.10
September	Tonnage – 52.40
<b>YTD</b>	<b>Tonnage – 394.87</b>

## Section 4. Solid Waste Report from Covanta

January	Tons – 326.76	Price per Ton – 37.48	Total Bill – \$12,246.96
February	Tons – 302.88	Price per Ton – 37.48	Total Bill – \$11,351.94
March	Tons – 417.07	Price per Ton – 37.48	Total Bill – \$15,631.78
April	Tons – 436.28	Price per Ton – 37.48	Total Bill – \$16,351.77
May	Tons – 395.35	Price per Ton – 37.48	Total Bill – \$14,817.72
June	Tons – 474.25	Price per Ton – 37.48	Total Bill – \$17,774.89
July	Tons – 477.58	Price per Ton – 37.48	Total Bill – \$17,899.70
August	Tons – 414.84	Price per Ton – 37.48	Total Bill – \$15,548.20
September	Tons – 464.67	Price per Ton – 37.48	Total Bill – \$17,415.83
October	Tons – 417.37	Price per Ton – 37.48	Total Bill – \$15,643.03
November	Tons – 363.11	Price per Ton – 37.48	Total Bill – \$13,609.36
December	Tons – 433.12	Price per Ton – 37.48	Total Bill – \$16,233.34
<b>YTD:</b>	<b>Tons – 4,923.28</b>	<b>Price per Ton – 37.48</b>	<b>Total Bill – \$184,524.53</b>

## Section 5. Hornet Recycling Program

January	Tonnage – 37.96
February	Tonnage – 32.51
March	Tonnage – 49.66
April	Tonnage – 50.25
May	Tonnage – 39.04
June	Tonnage – 39.01
July	Tonnage – 39.22
August	Tonnage – 39.88
September	Tonnage – 44.43
October	Tonnage – 41.18
November	Tonnage – 34.44
December	Tonnage – 35.88
<b>YTD:</b>	<b>Tonnage – 483.46</b>

## Section 6. Flow Meter Report

	<b>Total Amount Treated</b>	<b>Monthly Precipitation</b>
January	44,124,591 gallons	2.39" rain / 7.3" snow
February	45,059,066 gallons	1.84" rain / 11.8" snow
March	75,334,591 gallons	3.87" rain
April	50,816,451 gallons	3.80" rain / 2.0" snow
May	53,780,926 gallons	3.57" rain
June	44,685,633 gallons	7.51" rain
July	92,811,630 gallons	6.34" rain
August	32,339,474 gallons	1.99" rain
September	47,501,790 gallons	5.25" rain
October	69,332,100 gallons	7.74" rain
November	50,415,143 gallons	1.22" rain / 0.5" snow
December	59,058,613 gallons	4.23" rain
<b>YTD:</b>	<b>665,260,008 gallons</b>	<b>49.75" rain / 21.60" snow</b>

## **Section 7. Sanitary/Storm Sewer Report - Phil Gurganus**

### **January 4**

- Checked sanitary manhole at 226 S. 11<sup>th</sup> Ave. – normal flow.
- Completed IDEM bypass/overflow incident report.
- Inspected construction activity at 17<sup>th</sup> & Albany and 17<sup>th</sup> & Southern.
- Cleaned 2 catch basins at 12<sup>th</sup> & Byland.
- Cleaned 2 catch basins at 17<sup>th</sup> & Southern.

### **January 5**

- Cleaned 1 catch basin at 1600 Southern Ave.
- Checked interceptor manhole in Sarah T. Bolton Park – normal flow.
- Participated in phone discussion about sewer issues with resident of 227 S. 12<sup>th</sup> Ave.

### **January 6**

- Cleaned catch basins at the following locations:
- 2 at 15<sup>th</sup> & Main St.
- 4 at Main St. Bridge
- 2 at 9<sup>th</sup> & Main St.
- 2 at 62 N. 13<sup>th</sup> Ave.
- 2 at 13 & S.E. Parkway
- 4 on Hornet Ave.
- 2 at 2<sup>nd</sup> & Churchman
- 2 at 3<sup>rd</sup> & Alton
- 3 at 3<sup>rd</sup> & Churchman
- Performed sewer lateral repair inspection at 349 N. 16<sup>th</sup> Ave.

### **January 7**

- Checked sanitary sewer behind 227 S. 12<sup>th</sup> Ave. – normal flow.
- Cleaned catch basins at the following locations:
- 2 at 7<sup>th</sup> & Albany
- 4 at 18<sup>th</sup> & Cleveland
- 1 at 211 S. 4<sup>th</sup> Ave.
- 1 at 5715 Churchman Ave.
- 2 at 5<sup>th</sup> & Churchman Ave.

### **January 8**

- Read and recorded data from 9 flow meter locations.
- Cleaned catch basins at the following locations:
- 2 at 5<sup>th</sup> & Main St.
- 2 at 23<sup>rd</sup> & Churchman Ave.
- 10 at 1100 Albany & Bridge

### **January 11**

- Performed sewer repair inspection at 409 N. 15<sup>th</sup> Avenue. Replaced one sanitary wye and 97' of 8" pcu. Eliminated one capped wye.
- Checked sanitary sewer in rear yard of 226 S. 11<sup>th</sup> Ave. – normal flow.
- Responded to sewer call at 105 N. 6<sup>th</sup> Ave. – no problem in the main line.

### **January 12**

- Responded to sewer at South Grove School. City main clear and flowing.

- Inspected sanitary sewer installation at Bailey Park. Investigated lateral for existing home to be reconnected to new sewer main. F91 no flow - dry.

#### **January 13**

- Performed annual stormwater outfall inspections.

#### **January 14**

- Checked sanitary sewers around 17<sup>th</sup> & Southern serving the Bailey Park development. All sewers were flowing normal.

#### **January 15**

- Read and recorded data from 9 flow meter locations.
- Completed 25 outfall inspection forms and filed for annual report.

#### **January 19**

- Performed sewer lateral repair inspection at 84 S. 8<sup>th</sup> Ave.
- Checked construction activity at Bailey Park at 17<sup>th</sup> and Southern. Watched vacuum test on manhole and air test on sewer pipe.

#### **January 20**

- Checked the following sanitary sewers:
  - 2222 Main St. – normal flow.
  - 226 S. 11<sup>th</sup> Ave. – normal flow.
  - 405 N. 21<sup>st</sup> – normal flow.
  - 700 block of Elm St. – removed rags and solids from manhole.

#### **January 21**

- Spoke with resident on Bethel Avenue regarding his septic system and bathroom addition in basement.

#### **January 22**

- Read and recorded data from 9 flow meter locations.
- Checked Main Street from 13<sup>th</sup> to 17<sup>th</sup> with a metal detector for old interurban rails.

#### **January 25**

- Investigated sewer connection for property at 4723 S. Emerson Ave.

#### **January 26**

- Responded to sewer call at 124 N. 2<sup>nd</sup> Ave. Main was clear with no back-up.
- Cleaned catch basin at Garstang and Emerson.

#### **January 27**

- Checked sanitary sewer at 421 N. 21<sup>st</sup> and spoke with the resident about lateral issues. Main was clear and flowing.
- Wrote up illicit discharge form for clean-up of fluids leaked during an automobile wreck at the 17<sup>th</sup> & Albany roundabout.

#### **January 28**

- Checked sewer main at 403 Byland. Normal flow in main with no back-up.
- Checked sewer main at 5457 Elmwood. Normal flow in main. Checking sewer availability for undeveloped lot.

### **January 29**

- Read and recorded data from 9 flow meter locations.
- Checked sanitary manhole at 1850 Albany (Walgreen's) – dislodged and broke up solids in manhole.
- Performed sewer lateral repair inspection at 504 Fletcher Lane.

### **February 1**

- Checked drains on Subway Street.

### **February 2**

- Cleaned catch basin serving 700 block of Ash Street.
- Checked construction at Bailey Park subdivision.

### **February 4**

- Responded to sewer call at 193 N. 8<sup>th</sup> Avenue. Main clear with no back-up.

### **February 5**

- Read and recorded data from 9 flow meter locations.

### **February 8**

- Delivered updated storm and sanitary sewer maps and information to Wessler Engineering.
- Cleaned 4 catch basins at 6<sup>th</sup> & Byland.

### **February 10**

- Inspected sanitary sewer lateral repair at 421 N. 21<sup>st</sup> Ave.
- Responded to sewer call at 209 S. 3<sup>rd</sup> Ave. Jetted main to be sure city line was clear. No obstruction found in the line.

### **February 11**

- Attempted to help resolve sewer repair issue at 209 S. 3<sup>rd</sup> Ave. involving Mister Quick plumbing company.

### **February 12**

- Read and recorded data from 9 flow meter locations.
- Checked sanitary sewers at 950 Albany Ave. – normal flows observed.
- Met with Peterman Plumbing to discuss lateral repair at 261 N. 14<sup>th</sup> Ave.

### **February 18**

- Investigated sewer service availability for 5355 Adelaide.

### **February 19**

- Read and recorded data from 9 flow meter locations.
- Began inspection work on the Garstang/Schaff drainage project.

### **February 22**

- Responded to sewer call at 1401 Main Street. Flushed main with no obstruction.

### **February 23**

- Inspected drainage project at Garstang & Schaff by Eagle Valley.



### **February 24**

- Monitored mandrel testing of sanitary sewers at Bailey Park development (passed).

### **February 25**

- Responded to sewer call at 91 N. 6<sup>th</sup> Avenue. Checked manholes D32 and D33A and found no obstruction.

### **February 26**

- Read and recorded data from 9 flow meter locations.
- Inspected lateral connection at Bailey Park development.

### **March 1**

- Responded to sewer call at 91 N. 6<sup>th</sup> Avenue.
- Checked for evidence of tree roots in 24-inch sanitary sewer along Parkway.

### **March 2**

- Inspected Garstang and Schaff drainage project.
- Jetted sewer behind 91 N. 6<sup>th</sup> Avenue.
- Jetted sewer in the 700 block of Elm Street.
- Responded to sewer call at 202 N. 18<sup>th</sup> Avenue. Sewer repair in progress. Jetted main past lateral several times with no obstruction.

### **March 4**

- Checked proposed routes for by-pass pumping of the 24" line on Albany. Normal flows in all manholes opened.

### **March 5**

- Read and recorded data from 9 flow meter locations.
- Jetted sanitary line in alley between N. 5<sup>th</sup> and N. 6<sup>th</sup> from Albany to Main St. Broke up grease deposits.
- Checked sanitary sewers near Mann Dr. and Clark intersection.

### **March 8**

- Checked manholes in the 2021 sanitary sewer project.
- Inspected work at Bailey Park and discussed proposal for setting a new manhole.

### **March 10**

- Did sewer lateral repair inspection at 213 Edwards Ave.
- Checked and painted manhole numbers on manholes used to televise 3 sewer segments by Commercial Sewer – normal flows.

### **March 11**

- Used metal detector and tile probe to look for manhole F106, north of Buffalo between 13<sup>th</sup> & 14<sup>th</sup> – unsuccessful.
- Marked remaining sanitary manholes for the 2021 Duke's Root control project.

### **March 12**

- Read and recorded data from 9 flow meter locations.

- Checked sanitary sewer mapping around Emerson Avenue and west Hornet Avenue (one unmapped manhole needs added). Normal flow was observed – broke up solids in lateral of E19B.

#### **March 15**

- Checked route and location of 24” sanitary sewer passing under Central Elementary School. One manhole is located under the school.
- Responded to sewer call at 432 N. 21<sup>st</sup> Ave.

#### **March 16**

- Met with Commercial Sewer to clean and root cut the line between S. 12<sup>th</sup> Ave. and S. 11<sup>th</sup> Ave. from Churchman to Byland.
- Inspected drainage issue on Grovewood Drive with the Mayor.

#### **March 17**

- Assisted Gripp, Inc. where needed in the replacement of the South Grove Park flow meter and the annual calibrations of all 9 flow meters.
- Cleaned 2 catch basins on Grovewood Place.
- Checked route and depth of arch culvert under Grovewood Dr. (800 block).

#### **March 18**

- Used jet machine to clear clogged catch basins at 4<sup>th</sup> & Alton Ave.
- Met with English Excavating to discuss adding catch basin near 810 Grovewood Dr.

#### **March 19**

- Read and recorded data from 9 flow meter locations.
- Met with Duke’s Root Control personnel to help get them started with the application process.

#### **March 22**

- Inspected manholes treated by Duke’s Root Control.
- Checked sanitary manhole at 21<sup>st</sup> & Southern. Normal flow observed. Took measurement of depth – 11.5’.

#### **March 23**

- Met with owner of 432 N. 21<sup>st</sup> Ave. and Commercial Sewer to discuss televising, cleaning, and clean-out installation.
- Checked demolition of old manhole F91 and installation of new manhole F91 at Bailey Park development.
- Cleaned 5 catch basins at 25<sup>th</sup> & Main St.

#### **March 24**

- Cleared logs and trash out of open culvert pipe in the 400 block of N. 17<sup>th</sup> Ave.

#### **March 25**

- Placed a traffic barrel over a sinkhole in the 3700 block of Bethel Avenue – possible storm sewer pipe separation.
- Met with Wessler Engineering to perform pipe measurements for sewer rehab.
- Checked the following manholes around 17<sup>th</sup> & Main St. per Wessler request. Possible back-up reported. Normal flow observed except F38. Removed and broke up solids blocking the flow of the pipe in manhole F38.

### **March 26**

- Read and recorded data from 9 flow meter locations.
- Dye tested sinkhole over storm sewer pipe in the 3900 block of Bethel Avenue.
- Inspected and barricaded the storm sewer catch basin at I-465 & Emerson Avenue.

### **March 29**

- Inspected sanitary sewer lateral repair at 64 N. 6<sup>th</sup> Ave.

### **March 30**

- Met with Brother's Excavating to look at new manhole F91. Mutually agreed to change cone on manhole to a flat top to reduce height.
- Checked the following sanitary sewers:
  - 1850 Albany – normal flow.
  - 405 N. 21<sup>st</sup> – normal flow.
  - 2200 block of Main Street (north easement) – normal flow.

### **March 31**

- Read and recorded data from 9 flow meter locations.
- Inspected sewer clean-out installation, cleaning, and televising of lateral at 432 N. 21<sup>st</sup> Avenue.

### **April 1**

- Cleaned catch basins at the following locations:
  - 5 at 2<sup>nd</sup> and Churchman.
  - 2 at 13<sup>th</sup> and Main St.
- Entered crawl space under Beech Grove Central Elementary School to examine location of buried sanitary manhole.

### **April 5**

- Cleared debris from storm sewer pipe in Sarah T. Bolton Park.

### **April 6**

- Cleaned 4 sanitary sewer segments.
- Met with English Excavating to discuss storm sewer repair on Bethel Ave. at city limit east of Sherman Drive.

### **April 7**

- Inspected new manhole F91 (relocated). Switched top from a cone to a flat top to better match grade of land.
- Checked dig out for curb replacement on Schaff St. by Eagle Valley.

### **April 8**

- Collected and packaged storm water samples from Lick Creek 30, 80, and 170 outfalls. Delivered to Pace Analytical lab for analysis.
- Cleaned 2 catch basins at 17<sup>th</sup> & Southern Ave.
- Cleaned 1 catch basin at 1600 Southern Ave.
- Checked sanitary manhole in South Gove Woods – normal flow.

### **April 9**

- Read and recorded data from 9 flow meter locations.
- Inspected work by Eagle Valley at Garstang & Schaff.

- Did partial sewer lateral repair inspection at 409 N. 13<sup>th</sup> Ave.
- Inspected sewer repair at 28 Woodmont Ct.

#### **April 12**

- Completed sanitary sewer lateral repair at 409 N. 13<sup>th</sup> Ave.
- Cleaned catch basins at the following locations:
  - 2 at Garstang and Emerson.
  - 2 at 13<sup>th</sup> & Main St.
  - 3 at 3<sup>rd</sup> & Churchman
  - 3 at 2<sup>nd</sup> & Churchman
  - 2 at 13<sup>th</sup> & Parkway
- Checked sanitary manhole at 12<sup>th</sup> & Parkway. Normal flow observed. Roots in wall dead from Duke's treatment but have not fallen off yet.
- Checked sanitary manholes behind 245 N. 9<sup>th</sup> Ave. – normal flow. Sewer lateral repair going to be done.

#### **April 13**

- Responded to sewer call at 103-105 N. 2<sup>nd</sup> Ave. Checked manholes and dyed main line. Main clear and flowing.
- Performed sewer lateral repair inspection at 130 S. 5<sup>th</sup> Ave.
- Cleaned catch basins at the following locations:
  - 5 at 5<sup>th</sup> & Albany
  - 2 at 850 Albany
  - 1 at 9<sup>th</sup> & Albany

#### **April 14**

- Cleaned catch basins at the following locations:
  - 2 at 1600 Southern
  - 2 at 17<sup>th</sup> & Southern
  - 1 at 12<sup>th</sup> & Bethel
- Assisted Citizens Water finding manholes on interceptor sewer north of Bethel along Lick Creek.

#### **April 15**

- Inspected work done by Eagle Valley at Garstang & Schaff St.
- Checked work at 17<sup>th</sup> & Southern for Bailey Park.

#### **April 16**

- Read and recorded data from 9 flow meter locations.
- Inspected sanitary sewer repair at 1254 Smoke Tree Drive.

#### **April 19**

- Checked sanitary manhole in the 700 block of Elm St. (south easement).
- Cleaned 4 catch basins at 3<sup>rd</sup> & Bethel Ave.

#### **April 20**

- Picked up storm sewer grate and frame at Utility Supply.
- Responded to sewer call at 202 S. 3<sup>rd</sup> Ave. Jetted main with no obstruction.

#### **April 21**

- Cleaned 2 catch basins in front of Fazoli's on S. Emerson Ave.
- Cleaned 2 catch basins on S. 2<sup>nd</sup> at Churchman Ave (grass clippings).

### **April 22**

- Inspected capping of sewer lateral at 214 Schaff Street. House has been demolished for future development.
- Assisted BGF D in removing 10 small ducks at Ash & Killian from storm sewer catch basin.
- Cleaned 3 catch basins at Ash & Killian.

### **April 23**

- Read and recorded data from 9 flow meter locations.
- Inspected sewer lateral repair at 245 N. 9<sup>th</sup> Ave.
- Cleaned 2 catch basins in the 3800 block of Forest Rise Ct.

### **April 26**

- Jetted sanitary sewer in the 700 block of Elm St. (south easement). Nozzle got stuck and we worked to extract it. Had to cut hose for now.

### **April 27**

- Worked on repairing the hose on the jet truck.
- Responded to sewer call at 91 N. 6<sup>th</sup> Avenue. Contacted Commercial Sewer (our jet machine was down due to cut hose). Commercial Sewer was able to dislodge the blockage in the main line.

### **April 28**

- Inspected lateral clean-out installation at 403 Main St.
- Met with English Excavating to discuss digging sanitary sewer up in rear yard of 707 Elm Street.

### **April 29**

- Opened clogged storm drain at 4<sup>th</sup> & Alton (northwest corner).
- Cleaned catch basins at the following locations:
  - 4 at 18<sup>th</sup> & Cleveland
  - 2 at 23<sup>rd</sup> & Southern
  - 3 at 3<sup>rd</sup> & Churchman
  - 4 at 4<sup>th</sup> & Alton
  - 2 at 3<sup>rd</sup> & Alton
  - 3 at Garstang & Big Four
  - 5 at 2<sup>nd</sup> & Churchman

### **April 30**

- Read and recorded data from 9 flow meter locations.
- Met with Commercial Sewer at 707 and 711 Elm St. to televise sanitary sewer where jet nozzle is stuck.

### **May 3**

- Removed sewer hose and nozzle from where it was stuck in the sanitary sewer behind the 700 block of Elm Street.
- Checked sinkhole and barricaded catch basin in rear yard of 1431 Yazoo Drive.
- Jetted sanitary sewer behind 91 N. 6<sup>th</sup> Avenue – no obstruction.

### **May 4**

- Cleaned 4 catch basins at 6<sup>th</sup> & Buffalo.
- Added barricade to water leak repair at Southern & Bethel.

### **May 5**

- Cleaned catch basins at:
- 2 at 13<sup>th</sup> & Main St.
- 4 at 13<sup>th</sup> & Cleveland.

### **May 6**

- Repaired storm sewer catch basin in the rear yard of 1431 Yazoo Drive.
- Cleaned 2 catch basins at 6<sup>th</sup> & Buffalo.
- Cleaned 2 catch basins at 17<sup>th</sup> & Mann Dr.

### **May 7**

- Read and recorded data from 9 flow meter locations.
- Cleaned sanitary sewers behind 91 N. 6<sup>th</sup> Avenue and 1850 Albany (Walgreens).

### **May 10**

- Cleaned catch basins at the following locations:
- 4 at 18<sup>th</sup> & Cleveland.
- 2 at 18<sup>th</sup> & Southern.
- 2 at 6<sup>th</sup> & Buffalo.
- 2 at 6<sup>th</sup> & Bethel.
- Responded to sewer call at 318 N. 8<sup>th</sup> Ave. Jetted dead end main and opened sewer back up.

### **May 11**

- Checked manhole at St. Francis and in alley between N. 14<sup>th</sup> & N. 15<sup>th</sup> south of Albany. Normal flows observed.
- Responded to sewer call at 125 N. 9<sup>th</sup> Avenue – normal flow observed. Flushed with jet truck from manhole to manhole with no obstructions.

### **May 12**

- Responded to sewer call at Park Meadow Apartments on Hornet Avenue. The main was clear and flowing. Jetted 600 ft of sewer to be sure. No blockages found.
- Jetted sanitary sewer behind 91 N. 6<sup>th</sup> Avenue. Normal flow observed in main.
- Worked to improve the ditch flow line at 4115 Butler Avenue.

### **May 13**

- Cleaned catch basin at 3<sup>rd</sup> & Bethel Avenue.
- Reset and centered sanitary manhole frame and lid in the alley between S. 10<sup>th</sup> and S. 11<sup>th</sup> Avenue.

### **May 14**

- Read and recorded data from 9 flow meter locations.
- Inspected sink hole repair on Bethel Avenue by English Excavating.
- Checked sanitary sewer between N. 16<sup>th</sup> & N. 17<sup>th</sup> from Cleveland to Detroit – normal flow observed.
- Inspected sewer repair at 169 N. 9<sup>th</sup> Avenue.
- Inspected sewer repair at 2425 N. 9<sup>th</sup> Avenue.
- Met with English Excavating to discuss on site catch basin installation at 805 Grovewood Drive.

### **May 17**

- Inspected catch basin installation on Grovewood Drive by English Excavating.
- Jetted sanitary sewer behind 91 N. 6<sup>th</sup> Avenue with no obstruction or back-up.
- Checked sanitary manhole C94 in Sarah T. Bolton Park – normal flow.

### **May 18**

- Did sanitary sewer repair inspection at 144 N. 5<sup>th</sup> Avenue. Perimeter drain was disconnected from sanitary sewer.
- Inspected plumbing drain work under slab at 2425 Albany (apartments).
- Cleaned 2 catch basins at 6<sup>th</sup> & Buffalo.

### **May 19**

- Inspected catch basin installation on Grovewood Drive by English Excavating.

### **May 20**

- Inspected subgrade work at Bailey Park (17<sup>th</sup> & Southern).

### **May 21**

- Read and recorded data from 9 flow meter locations.
- Checked damaged sensor wire at Bethel Avenue flow meter.
- Jetted sewer behind 91 N. 6<sup>th</sup> Avenue.
- Flushed sewer on Wally Ct.

### **May 24**

- Inspected concrete work around catch basin installed on Grovewood Drive by English Excavating.
- Measured sewer segment F79-F79A for possible sewer lining (320’).

### **May 25**

- Cleaned and raised storm drain in the alley behind 116 N. 7<sup>th</sup> Ave.
- Did partial sanitary sewer repair inspection at 125 N. 9<sup>th</sup> Ave. – pipe bursting under garage.

### **May 26**

- Inspected detention basin at 2411 Albany St. – overgrown and not being maintained. Reported to Compliance Dept.
- Checked sanitary sewers in the 2400 block of Main St. (north easement) – normal flow.
- Did final sanitary sewer repair inspection at 125 N. 9<sup>th</sup> Ave.

### **May 27**

- Did sewer lateral repair inspection at 72 S. 7<sup>th</sup> Ave.
- Jetted sanitary sewer segments at the following locations:
- Behind 91 N. 6<sup>th</sup> Ave.
- 700 block of Elm St.
- 2400 block of Main St. (north easement).

### **May 28**

- Read and recorded data from 9 flow meter locations.

### **June 1**

- Cleaned catch basins at replaced grates on 2 catch basins at 6<sup>th</sup> & Buffalo.

- Remounted 3 flow meters to facilitate access to port for downloading data as needed.

### **June 2**

- Checked Bethel flowmeter operation. Normal function observed.
- Cleaned catch basins at the following locations:
  - 2 at 13<sup>th</sup> & Main St.
  - 4 at 13<sup>th</sup> & Albany.
  - 4 at 2<sup>nd</sup> & Churchman.
  - 2 at 25<sup>th</sup> & Royal Rd.
  - 4 at 25<sup>th</sup> & Main St.
  - 4 at 3<sup>rd</sup> & Churchman.
  - 3 on Grovewood Place.
  - 3 at Grovewood Dr. & Grovewood Place.
- Dug up storm sewer manhole at dead end of Bischoff Dr.

### **June 3**

- Found sewer lateral location for empty lot on Rotherham Circle. Normal flow in manholes.
- Unclogged storm sewer at 4<sup>th</sup> & Alton with jet machine.
- Flushed sanitary sewer behind 91 N. 6<sup>th</sup> Ave.
- Did sanitary sewer repair inspection at 403 Main St.

### **June 4**

- Read and recorded data from 9 flow meter locations.

### **June 7**

- Spoke with plumber about sewer later repair at 233 S. 25<sup>th</sup> Ave.
- Did final sewer lateral replacement inspection at 403 Main St.
- Checked sanitary sewer in the 200 block of S. 25<sup>th</sup> Ave. – normal flow.
- Checked sanitary sewer at 9<sup>th</sup> – 10<sup>th</sup> & Churchman – normal flow.

### **June 8**

- Responded to sewer call at 1429 Southern Ave. (441 N. 15<sup>th</sup> Ave also affected). Jetted from manhole F103. Blockage was 8 feet out of the manhole. Drug back a piece of broken sewer tile. Contacted English Excavating to do emergency excavation.
- Jetted sanitary sewer in alley behind 91 N. 6<sup>th</sup> Ave.
- Checked sanitary sewer at Hornet Park Community Center. Large log of solids coming out of school's lateral.

### **June 9**

- Inspected sewer main repair in easement behind 441 N. 15<sup>th</sup> Ave.
- Inspected sanitary sewer lateral repair at 81 S. 12<sup>th</sup> Avenue.

### **June 10**

- Read and recorded data from 9 flow meter locations.
- Removed and replaced frame and lid from 13<sup>th</sup> Ave. flow meter manhole.

### **June 14**

- Checked sanitary sewer at Elmwood & Emerson – normal flow.



### **June 16**

- Used jet machine to clean the following sewer segments:
- 405 N. 21<sup>st</sup>.
- 92 N. 6<sup>th</sup> Ave.
- 700 block of Elm.
- Conducted a dye test at 1027 Bethel. House appears to be on a private septic system. No dye appeared in two closest sanitary manholes.
- Cleaned storm drain at 12<sup>th</sup> & Bethel.

### **June 17**

- Cleaned catch basins at the following locations:
- 4 at 2<sup>nd</sup> & Churchman
- 4 at 3<sup>rd</sup> & Churchman
- 4 at 4<sup>th</sup> & Alton
- 2 at 13<sup>th</sup> & Main St.
- 3 at 15<sup>th</sup> & Main St.
- 4 at 25<sup>th</sup> & Main St.
- 5 at Main St. & Ticen
- 5 at Grovewood & Edwards
- 8 at Grovewood Place
- 2 at 23<sup>rd</sup> & Southern
- 4 at 18<sup>th</sup> & Cleveland
- 2 at 18<sup>th</sup> & Southern
- 4 at 18<sup>th</sup> & Cleveland
- 2 at 18<sup>th</sup> & Southern
- 2 at 1600 Southern
- 2 at 13<sup>th</sup> & Cleveland
- 2 at 3<sup>rd</sup> & Alton
- 2 at 4000 S. Emerson Ave.

### **June 18**

- Read and recorded data from 9 flow meter locations.
- Checked sanitary sewer at 811 Elm St. – normal flow.

### **June 21**

- Cleaned catch basins at the following locations:
- 2 at 13<sup>th</sup> & Main St.
- 2 on Main St. Bridge

### **June 22**

- Checked sanitary manhole in the backyard of 225 N. 20<sup>th</sup> Ave. – normal flow.
- Cleaned catch basins at the following locations:
- 3 at 2<sup>nd</sup> & Churchman
- 4 at 13<sup>th</sup> & Cleveland
- 4 at 4<sup>th</sup> & Alton
- 1 on Big 4 Rd.

### **June 23**

- Jetted City main and part of lateral at Hornet Park. Blocked at 200', pulled back mud on nozzle.

### **June 24**

- Worked with Commercial Sewer, Performance Services, and Wessler Engineering attempting to televise Hornet Park sewer lateral. Had Commercial Sewer jet clean the sanitary sewer on Hornet Ave.
- Responded to sewer call at 314 Grovewood Dr. Main was clear and flowing.
- Jetted sanitary sewer behind 91 N. 6<sup>th</sup> Ave. – mud and sand came out.

### **June 25**

- Read and recorded data from 9 flow meter locations.
- Responded to sewer call at 2214 Main St. Water backing up into basement. Jetted main behind the house with no back-up and no obstruction.
- Responded to sewer call at 5880 Churchman. Jetted main and flushed a tank of water down the line. Flow appeared normal.

### **June 28**

- Responded to sewer call at 205 N. 19<sup>th</sup> Ave. Jetted main to be sure. Normal flow observed with no obstruction found.

### **June 29**

- Grouted catch basin at 3855 Forest Rise Lane.
- Inspected sanitary sewer repair at 436 Beechwood Dr.

### **June 30**

- Responded to sewer call at 505 Dangerfield Dr. Normal flow in the city main observed.
- Checked sanitary sewers in the 5900 block of Churchman – normal flow.
- Checked sanitary manhole behind 91 N. 6<sup>th</sup> Ave. – normal flow.
- Checked sanitary manholes on Hornet Ave. – normal flow.
- Checked sanitary sewer on Ticen Ct. behind Main St. – normal flow.
- Cleaned 2 catch basins at 13<sup>th</sup> & Main St.
- Jetted clogged storm drain on the northwest corner of 4<sup>th</sup> & Alton.

### **July 1**

- Monitored hydro-vac operation at Hornet Park. Contractor searching for path of the lateral.
- Patched sinkhole over sanitary sewer in Library driveway to lower parking area.
- Checked manhole E19A serving 3938 S. Emerson Avenue. Checked flow coming out of force main for possible damage due to trail construction. No back-up found in city main line.

### **July 2**

- Read and recorded data from 9 flow meter locations.
- Inspected sewer cleaning by Commercial Sewer on the 24” main under Central Elementary School.
- Checked sanitary sewer behind 91 N. 6<sup>th</sup> Avenue – normal flow observed.
- Responded to sewer call at 91 S. 3<sup>rd</sup> Avenue. Main was clear and flowing.

### **July 6**

- Checked sanitary manhole at Emerson and Hornet. Normal flow observed – force main pumping into manhole.
- Checked sanitary sewer behind 91 N. 6<sup>th</sup> Ave – normal flow.
- Checked and barricaded sinkhole at Middle School softball diamonds.

- Cleaned catch basins at 13<sup>th</sup> & Cleveland.

### **July 7**

- Filled and leveled sinkhole at Middle School softball diamonds.
- Checked sanitary manhole at 710 Ash St. – normal flow.
- Checked and marked sanitary manholes on S.E. Parkway for Miller Pipeline – normal flows observed.

### **July 8**

- Inspected sanitary sewer repair at 90 N. 13<sup>th</sup> Ave.
- Replaced frame and lid on manhole F32 behind 90 N. 13<sup>th</sup> Ave.
- Eliminated manhole with 8 open pick holes in alley.

### **July 9**

- Read and recorded data from 9 flow meter locations.
- Checked sanitary sewer behind 91 N. 6<sup>th</sup> Ave. – normal flow.
- Inspected sanitary sewer repair at 710 Ash St. – normal flow.
- Cleaned catch basins at the following locations:
  - 6 at 2<sup>nd</sup> & Churchman
  - 4 at 3<sup>rd</sup> & Churchman
  - 4 at 4<sup>th</sup> & Alton
  - 2 at 13<sup>th</sup> & Parkway
  - 2 at 13<sup>th</sup> & Alton
  - 4 at 13<sup>th</sup> & Main
  - 3 at 15<sup>th</sup> & Main
  - 5 at 18<sup>th</sup> & Main
  - 4 on Albany Bridge
  - 2 at 8<sup>th</sup> & Churchman
  - 4 at Cherry & Memorial
  - 6 at Garstang & Big 4
  - 2 at 1150 Churchman
  - 1 at 13<sup>th</sup> & Churchman

### **July 12**

- Inspected work by Miller Pipeline cleaning and lining segment E16-E17 on S. Emerson Avenue.
- Cleaned 6 catch basins on Emerson Ave. Bridge over Beech Creek.

### **July 13**

- Checked sinkhole area around Middle School Softball fields - no change.
- Checked sanitary manhole behind 91 N. 6<sup>th</sup> Ave. – normal flow.
- Did sewer lateral repair inspection at 5 Oakmont Ct.

### **July 14**

- Checked 5 sanitary sewer connections at Bailey Park on N. 17<sup>th</sup> Ave.
- Checked condition of liner at E16-E17 on S. Emerson – normal flow.
- Cleaned culvert pipe of debris blocking flowline at 3330 E. Sumner Ave.
- Jetted sanitary sewer behind 91 N. 6<sup>th</sup> Ave.

### **July 16**

- Read and recorded data from 9 flow meter locations.

- Responded to sewer call at 146 N. 3<sup>rd</sup> Ave. – main clear and flowing. Private problem.

#### **July 19**

- Inspected sewer repair at 225 N. 20<sup>th</sup> Ave.
- Checked manhole on St. Francis campus. Broke up solids in manhole.
- Replaced lid on manhole K31 that blew off during surcharging. Checked manholes K 35 and K34 for surcharging.
- Located and dug out manhole G104 at 20<sup>th</sup> & Cleveland for sewer cleaning. Manhole had been paved over.
- Replaced manhole lid on interceptor manhole K10.
- Cleaned 4 catch basins on Main St. Bridge.

#### **July 20**

- Monitored sewer cleaning on Detroit St. by Commercial Sewer.
- Met with Wessler Engineering regarding sewer service for home at 806 S. 9<sup>th</sup> Ave. Normal flows in B66 and B67.

#### **July 21**

- Did sewer repair inspection at 157 S. 9<sup>th</sup> Ave.
- Monitored sewer cleaning by Commercial Sewer in the 2100-2300 blocks of Detroit & Cleveland Ct.

#### **July 22**

- Repaired sinkhole and grouted catch basin in front of 5647 Forrest Rise Ct.

#### **July 23**

- Read and recorded data from 9 flow meter locations.
- Checked sanitary sewer behind 91 N. 6<sup>th</sup> Ave. – normal flow.
- Monitored sewer cleaning performed by Commercial Sewer in the 400 block of N. 20<sup>th</sup> Avenue.

#### **July 26**

- Inspected sewer lining by Miller Pipeline on 24” sewer under Central Elementary.

#### **July 27**

- Did sewer repair inspection at 5880 Churchman Ave.

#### **July 28**

- Inspected televising and cleaning of sanitary sewer by Commercial Sewer company.
- Inspected manhole excavation and installation as part of the OCRA grant work.
- Cleaned sanitary sewer behind 91 N. 6<sup>th</sup> Avenue.

#### **July 29**

- Inspected manhole installation between N. 18<sup>th</sup> & N. 19<sup>th</sup> Avenue by SLB Pipeline Solutions.

#### **July 30**

- Read and recorded data from 9 flow meter locations.

- Checked sanitary sewer at 1717 S. 9<sup>th</sup> Avenue – normal flow. Lateral being repair.

#### **August 2**

- Performed sanitary lateral inspection at 1717 S. 9<sup>th</sup> Ave.

#### **August 3**

- Monitored sewer cleaning by Commercial Sewer for Miller Pipeline.
- Used loader to back blade gravel around sanitary sewer manholes in alley between N. 7<sup>th</sup> & N. 8<sup>th</sup> Avenue.

#### **August 4**

- Did sewer lateral repair inspection at 349 N. 16<sup>th</sup> Avenue.
- Removed solids from manhole in alley south of Main St. between N. 5<sup>th</sup> & N. 6<sup>th</sup> Ave.

#### **August 5**

- Inspected work by English Excavating at Hornet Park to replace sewer lateral.
- Flushed sewer behind 91 N. 6<sup>th</sup> Ave.

#### **August 6**

- Read and recorded data from 9 flow meter locations.
- Attempted to clear drain in stair well at Hornet Park with the electric eel. Dyed drain after it started flowing with no results in the sanitary sewer.

#### **August 9**

- Checked interceptor manholes in construction area of the Greenway Trail – normal flows. Manhole walls have been rehabbed by Citizens Energy.

#### **August 10**

- Did sewer lateral repair inspection at 2117 Detroit Ave.

#### **August 11**

- Monitored sewer cleaning by Commercial Sewer for Miller Pipeline.

#### **August 12**

- Inspected work by English Excavating replacing sewer lateral and extending 24” storm sewer pipe.
- Jetted sanitary sewer in alley behind 91 N. 6<sup>th</sup> Avenue.
- Jetted sanitary sewer in the 700 block of Elm (south easement).

#### **August 13**

- Dyed roof drains and stairwell drain at Hornet Park to determine connectivity.

#### **August 16**

- Normal flow in manhole E21 where Hornet Park connects.
- Monitored and assisted Commercial Sewer cleaning sewers for Miller Pipeline.

#### **August 17**

- Checked manhole C94 in Sarah T. Bolton Park – normal flow.

### August 19

- Responded to sewer call at Rally's (4420 S. Emerson) - main clear and flowing. Private issue.

### August 20

- Read and recorded data from 9 flow meter locations.
- Flushed sewer behind 93 N. 6<sup>th</sup> Ave.
- Removed bricks and debris from unmapped manhole F103A.
- Cleaned 2 catch basins at 16<sup>th</sup> & Detroit.

### August 23

- Cleaned two sanitary sewer segments behind 521 Fletcher (reports of roots from resident).
- Cleaned 4 catch basins at 13<sup>th</sup> & Cleveland.

### August 24

- Checked sanitary sewers at the following locations:
- Hornet Park – normal flow.
- BG Library – normal flow.
- 13<sup>th</sup> & Main interceptors on football field – normal flow.

### August 25

- Did sanitary lateral repair inspection at 706 Bobs Ct.
- Removed frame and lid from sanitary manhole F103A. Applied con seal to manhole chimney to secure frame to chimney of manhole.
- Cleaned catch basins at the following locations:
- 4 at 4<sup>th</sup> & Alton
- 4 at 3<sup>rd</sup> & Churchman
- 4 at 2<sup>nd</sup> & Churchman
- 1 at 68 N. 17<sup>th</sup> Ave.
- 2 at Hornet & Emerson
- 4 at 13<sup>th</sup> & Main St.
- 4 at 13<sup>th</sup> St. Bridge
- 2 at 13<sup>th</sup> & Parkway
- 2 at 1150 Churchman Ave.

### August 26

- Jetted and flushed sanitary sewers at the following locations:
- 91 N. 6<sup>th</sup> Ave.
- 2200 block of Main St.
- 1850 Albany (Walgreen's)
- 958 Southern Ave.
- Inspected sewer repair at Beech Grove High School. Fiber optic cable bored through school's sanitary lateral.
- Cleaned 4 catch basins at 6<sup>th</sup> & Buffalo.
- Cleaned 1 catch basin at 3<sup>rd</sup> & Bethel.

### August 27

- Read and recorded data from 9 flow meter locations.
- Cleaned catch basins at the following locations:
- 8 at 1100 Albany
- 2 on Albany Bridge

- 2 at 8<sup>th</sup> & Churchman
- 2 at 7<sup>th</sup> & Churchman
- 4 at 6<sup>th</sup> & Churchman
- 4 at 5<sup>th</sup> & Churchman

### **August 30**

- Contacted Eagle Valley to do an emergency excavation and repair behind 91 N. 6<sup>th</sup> Ave. Broken tile lodged in line obstructing flow. Jet truck got stuck under tile but was extracted.

### **August 31**

- Checked sewer behind 91 N. 6<sup>th</sup> Ave. – normal flow.

### **September 2**

- Inspected catch basin repair at 2<sup>nd</sup> & Churchman by English Excavating.
- Inspected sewer lining by Miller Pipeline in the Killian/Cherry easement.

### **September 3**

- Responded to overflowing manhole at Park View Apartments. Jetted and removed grease blockage.
- Inspected work by Eagle Valley repairing sewer main damaged by a cross bore done by an unknown utility for a fiber optic conduit.

### **September 7**

- Jetted sanitary sewer behind 91 N. 6<sup>th</sup> Ave. where point repair was done by Eagle Valley Construction.
- Inspected sewer lining by Miller Pipeline at Mann & Clark and 17<sup>th</sup> & Main Street.

### **September 8**

- Inspected work at S. 2<sup>nd</sup> Avenue and Churchman by English Excavating who is replacing sidewalk and resetting 2 catch basins.
- Inspected sewer lining in the 300 block of N. 20<sup>th</sup> Ave.
- Barricaded damaged catch basin at I-465 and S. Emerson (northwest quadrant).

### **September 9**

- Read and recorded data from 9 flow meter locations.
- Responded to sewer call at 13 Chester Drive (gasoline type odor). Checked manholes with no odor present. Resident indicated odor had done away.

### **September 13**

- Did sewer lateral clean-out installation inspection at 2002 Main St.
- Cleaned catch basins at the following locations:
  - 4 at 3<sup>rd</sup> & Churchman
  - 4 at 4<sup>th</sup> & Alton
  - 4 at 6<sup>th</sup> & Buffalo

### **September 14**

- Checked manholes in easement between Main St. and Ticen Ct. – normal flows.

### **September 15**

- Did partial sanitary sewer inspection at 424 N. 20<sup>th</sup> Ave.

- Cleaned catch basins at the following locations:
- 1 at 15<sup>th</sup> & Detroit
- 5 at 2<sup>nd</sup> & Churchman
- 4 at 3<sup>rd</sup> & Churchman
- 2 at 13<sup>th</sup> & Main St.

#### **September 16**

- Completed sanitary sewer lateral repair inspection at 424 N. 20<sup>th</sup> Ave.
- Checked sanitary sewer at 250 Alton – normal flow.
- Repair planned on lateral at 61 S. 3<sup>rd</sup> Ave.

#### **September 17**

- Read and recorded data from 9 flow meter locations.
- Checked sanitary manholes at 550 Albany – normal flow.

#### **September 20**

- Repaired sinkhole by the catch basin on the southwest corner of 7<sup>th</sup> & Bethel.
- Did sewer lateral repair inspection at 317 Bethel.
- Cleaned 7 catch basins at 5<sup>th</sup> & Albany.

#### **September 21**

- Placed riprap along paved ditch on Garstang to control erosion from run-off.
- Cleaned catch basins at the following locations:
- 5 at Garstang/Big 4
- 4 at 2<sup>nd</sup> & Churchman
- 4 at 3<sup>rd</sup> & Churchman
- 4 on Albany Bridge
- 4 at 13<sup>th</sup> & Main St.
- 4 at 18<sup>th</sup> & Main St.
- 3 at 17<sup>th</sup> & Mann Dr.
- 2 at 21 S. 17<sup>th</sup> Ave.

#### **September 22**

- Responded to sewer call at BG Middle School softball facility. Checked manhole F69 with no back-up. Main clear and flowing.
- Cleaned 4 catch basins at 4<sup>th</sup> & Alton.
- Cleaned a catch basin at 3<sup>rd</sup> & Bethel.

#### **September 23**

- Cleaned catch basins at the following locations:
- 1 on Emerson by Walmart
- 1 on Emerson by Fazoli's
- 3 at Emerson & Thompson
- 2 at 9<sup>th</sup> & Thompson
- Did sanitary sewer lateral repair inspection at 121 N. 4h Ave.

#### **September 24**

- Read and recorded data from flow meter locations.

#### **September 27**

- Cleaned catch basins at the following locations:



- 2 at 1600 Southern Ave.
- 2 in the 300 block of Churchman Ave.
- 2 at 5<sup>th</sup> & Churchman Ave.
- Checked sump pump discharge at 141 & 145 N. 5<sup>th</sup> Ave.

#### **September 28**

- Wessler Engineering calibrated our 9 flow meters and downloaded data for Citizen's Energy Group.

#### **September 29**

- Checked sanitary manholes at the following locations:
- 295-297 N. 9<sup>th</sup> Ave. – normal flow.
- 235 N. 9<sup>th</sup> Ave. – normal flow.
- 1850 Albany (Walgreen's) – normal flow.
- 2222 Main St. (north easement) – normal flow.
- BG Place Apartments – normal flow.
- 405 N. 21<sup>st</sup> Ave. – normal flow.
- 12<sup>th</sup> & Byland (west easement) – normal flow.
- Wally Ct. – normal flow.
- Did sanitary sewer lateral repair inspection at 259 N. 6<sup>th</sup> Ave.

#### **September 30**

- Inspected sanitary sewer repair at 61-63 S. 3<sup>rd</sup> Ave.

#### **October 1**

- Read and recorded data from 9 flow meter locations.
- Cleaned catch basins at the following locations:
- 3 at 15<sup>th</sup> & Main St.
- 2 at 17<sup>th</sup> & Main St.
- 2 at 8<sup>th</sup> & Churchman
- 4 at 3<sup>rd</sup> & Churchman
- 2 on 13<sup>th</sup> Ave Bridge
- 2 at 25<sup>th</sup> & Royal Rd.

#### **October 4**

- Checked upstream manhole for 155 S. 5<sup>th</sup> Ave. (sewer lateral repair planned). Removed solids from manhole – normal flow restored.
- Inspected and barricaded catch basin on the northeast corner of 12<sup>th</sup> & Detroit.

#### **October 5**

- Inspected catch basin repair at Emerson & Elmwood. Hauled off old frame and grate. Delivered new frame and grate to site for repair.

#### **October 6**

- Inspected catch basin repair at Emerson & Elmwood.
- Inspected sewer lining by Miller Pipeline.

#### **October 7**

- Inspected sanitary sewer lateral repair at 155 S. 5<sup>th</sup> Ave.
- Cleaned out solids in manholes F74 & F75 – restored normal flow.
- Ordered and picked-up new frame and lid for sanitary manhole F75 from Utility Supply Company.

### **October 8**

- Read and recorded data from 9 flow meter locations.
- Inspected sewer lining by Miller Pipeline on Detroit (1150-1250) and S.E. Parkway.
- Replaced frame and lid on sanitary manhole in easement between N. 11<sup>th</sup> & N. 12<sup>th</sup> (north of Detroit).

### **October 12**

- Checked storm sewer installation at Hornet Park with Wessler Engineering.

### **October 13**

- Inspected storm sewer repair by Accurate Concrete at 12<sup>th</sup> & Detroit Ave. – catch basin replacement.

### **October 14**

- Cleaned catch basins at the following locations:
  - 2 at 13<sup>th</sup> & Main St.
  - 5 at 5<sup>th</sup> & Albany St.
  - 2 at 4<sup>th</sup> & Albany St.
  - 2 at 23<sup>rd</sup> & Southern Ave.

### **October 15**

- Read and recorded data from 9 flow meter locations.
- Cleaned catch basins at the following locations:
  - 1 at 3<sup>rd</sup> & Bethel
  - 5 at 2<sup>nd</sup> & Churchman
  - 4 at 3<sup>rd</sup> & Churchman
  - 4 at 4<sup>th</sup> & Alton
  - 4 at 6<sup>th</sup> & Buffalo
  - 4 at 13<sup>th</sup> & Main St.
  - 3 at 15<sup>th</sup> & Main St.
  - 4 at 13<sup>th</sup> & Cleveland
  - 3 at 15<sup>th</sup> & Detroit
  - 2 at 12<sup>th</sup> & Detroit
- Checked sanitary sewer near 714 Redfern – normal flow. Lateral repair in progress.

### **October 18**

- Inspected sewer lining by Miller Pipeline – east of Edwards Ct. in easement along Victory Run.
- Responded to sewer call at 261 N. 15<sup>th</sup> Avenue. Checked manhole with normal flow.

### **October 19**

- Inspected sewer lining on Emerson Avenue.
- Inspected point repair by SLB Solutions in Sarah T. Bolton.
- Inspected sewer repair at 714 Redfern Drive.

### **October 20**

- Inspected sewer lining by Miller Pipeline at Emerson/Hornet & Main/Chester.
- Inspected point repair of sewer by SLB Pipe Solutions at 707 Elm and 711 Elm.

### **October 21**

- Inspected sewer lining by Miller Pipeline in the easement between N. 14<sup>th</sup> & N. 15<sup>th</sup> Avenue from Detroit to Southern Avenue.

### **October 22**

- Read and recorded data from 9 flow meter locations.
- Inspected point repair at 18<sup>th</sup> & Main St.
- Dyed sewer lateral at 1818 Main St. to determine connection to sewer main.

### **October 25**

- Cleaned catch basins at the following locations:
  - 3 at 13<sup>th</sup> & Main St.
  - 3 at 15<sup>th</sup> & Main St.
  - 4 at 18<sup>th</sup> & Main St.
  - 5 at Ticen & Main St.
  - 6 at 25<sup>th</sup> & Main St.
  - 4 at 4<sup>th</sup> & Alton
  - 4 at 3<sup>rd</sup> & Churchman
  - 5 at 2<sup>nd</sup> & Churchman
- Checked sanitary sewer at 1336 Timbrook Lane – normal flow.
- Inspected point repair work done by SLB Pipe Solutions at 18<sup>th</sup> & Main Street (removed concrete broken at edge of trench).

### **October 26**

- Inspected sewer lining by Miller Pipeline in the alley north of Main St. 1350 to 1450.
- Inspected sewer point repair in the alley between N. 8<sup>th</sup> & N. 9<sup>th</sup> north of Albany.
- Inspected sewer lateral repair at 426 N. 14<sup>th</sup> Ave.
- Inspected sewer lateral repair at 528 Charnwood Pkwy.

### **October 27**

- Inspected sewer lining by Miller Pipeline on S. Emerson and in the south easement of the 700 block of Elm St.
- Inspected sewer point repair in the alley between N. 16<sup>th</sup> & N. 17<sup>th</sup> north of Buffalo.
- Responded to sewer call at 1853 Main Street. Sewer main clear and flowing – clogged lateral.
- Cleaned 2 catch basins on the S. 13<sup>th</sup> Ave. Bridge.

### **October 28**

- Removed no parking sign and post at old driveway for Carrington flow meter.

### **October 29**

- Read and recorded data from 9 flow meter locations.
- Cleaned catch basins at the following locations:
  - 4 at 6<sup>th</sup> & Buffalo
  - 2 at 25<sup>th</sup> & Royal Rd.
  - 5 at 25<sup>th</sup> & Main St.
  - 4 at Main & Ticen
  - 2 at Main & Chester
- Added 3 unmapped sanitary manholes in the 1600 block of Buffalo.

### **November 1**

- Inspected sewer lining between N. 13<sup>th</sup> & N. 14<sup>th</sup> Avenue by Miller Pipeline.
- Inspected sewer point repair by SLB Pipeline Solutions on Hornet Ave.
- Inspected sanitary lateral repair at 1982 Mann Drive.

### **November 3**

- Inspected sanitary sewer point repair at 23<sup>rd</sup> & Detroit by SLB Pipeline Solutions.
- Inspected pipe lining by Miller Pipeline on S. 17<sup>th</sup> Avenue.
- Responded to sewer call at 5151 Elmwood – main clear. Private lateral clogged.

### **November 4**

- Inspected sanitary point repair by SLB on S. 17<sup>th</sup> Avenue.
- Inspected pipe lining by Miller Pipeline between . 13<sup>th</sup> & N. 14<sup>th</sup> Ave. in the 400 block.

### **November 5**

- Read and recorded data from 9 flow meter locations.
- Inspected sewer lining by Miller Pipeline in the 1800 block of Main Street.
- Checked and barricaded sinkhole on the northeast corner of 19<sup>th</sup> & Churchman.

### **November 8**

- Inspected sewer lining by Miller Pipeline on S. Emerson Ave.
- Inspected new manhole installation in easement between N. 13<sup>th</sup> & N. 14<sup>th</sup> north of Buffalo by SLB Pipe Solutions.
- Cleaned 2 catch basins at Hornet & Emerson Ave.

### **November 9**

- Inspected sewer lining by Miller Pipeline on Cleveland Ct.
- Monitored sewer televising and cleaning by Commercial Sewer on Hornet Ave. and in the alley between N. 16<sup>th</sup> Ave. & N. 17<sup>th</sup> Ave. from Buffalo to Cleveland.

### **November 12**

- Read and recorded data from 9 flow meter locations.
- Inspected sanitary sewer lateral repair at 314 N. 15<sup>th</sup> Ave.
- Inspected sanitary sewer lining by Miller Pipeline between N. 16<sup>th</sup> & N. 17<sup>th</sup> Ave. north of Detroit.
- Repaired sinkhole on the northeast corner of 19<sup>th</sup> & Churchman Ave.

### **November 15**

- Inspected sanitary sewer lining by Miller Pipeline between N. 16<sup>th</sup> & N. 17<sup>th</sup> Ave. north of Detroit.

### **November 16**

- Inspected sewer lining by Miller Pipeline in easement between N. 14<sup>th</sup> & N. 15<sup>th</sup> from Detroit to Cleveland.
- Jetted South Grove School's lateral that was backed up into the cafeteria.
- Witnessed and assisted Commercial Sewer's attempt to televise sewer on Hornet Ave.

### **November 17**

- Reported sinkhole on Killian Ct. to Citizen's Energy adjacent to new water main. Also reported sidewalk on Churchman Ave near N. 18<sup>th</sup> that needs repaired by Citizen's.
- Inspected sewer lining by Miller Pipeline in the alley between N. 8<sup>th</sup> & N. 9<sup>th</sup> just north of Albany.

### **November 18**

- Inspected sewer lining by Miller Pipeline in easement between N.15<sup>th</sup> and N. 16<sup>th</sup> Ave. from Buffalo to Cleveland.
- Inspected sewer lateral repair at 4880 Willow Glen South.
- Observed sewer cleaning by Commercial Sewer on Grovewood Dr. and Gerry Dr.

### **November 19**

- Read and recorded data from 9 flow meter locations.
- Inspected sewer lining by Miller Pipeline on Chester Drive.
- Observed sewer cleaning by Commercial Sewer in easement between S. 11<sup>th</sup> & S. 12<sup>th</sup>, N. 13<sup>th</sup> & N. 14<sup>th</sup>, and alley between N. 10<sup>th</sup> & N. 11<sup>th</sup>.

### **November 22**

- Inspected sewer lining by Miller Pipeline in alley between N. 7<sup>th</sup> & N. 8<sup>th</sup> Ave. from Albany to Buffalo.

### **November 23**

- Inspected sewer lining by Miller Pipeline in easement between N. 18<sup>th</sup> & N. 19<sup>th</sup> from Buffalo to Cleveland.

### **November 24**

- Read and recorded data from 9 flow meter locations.
- Cleaned catch basins at the following locations:
  - 4 at 4<sup>th</sup> & Alton.
  - 2 at 2<sup>nd</sup> & Churchman.
  - 2 at 3<sup>rd</sup> & Churchman.
  - 1 at 13<sup>th</sup> & Churchman.

### **November 29**

- Responded to sewer call at 409 Gerry Drive. Checked main with no back-up (lateral enters directly into manhole).
- Inspected sewer lining by Miller Pipeline on Hornet Ave.
- Cleaned 4 catch basins on Hornet Ave.
- Inspected sewer lateral repair at 610 Redfern Drive.
- Inspected sewer lateral repair at 149 N. 6<sup>th</sup> Ave.

### **November 30**

- Inspected sewer lining work by Miller Pipeline in easement between N. 13<sup>th</sup> & N. 14<sup>th</sup> just north of Buffalo.

### **December 1**

- Inspected sewer lining by Miller Pipeline in the alley between N. 16<sup>th</sup> & N. 17<sup>th</sup> just north of Buffalo.
- Inspected placement of flowable fill on sanitary sewer repair on S. 17<sup>th</sup> Ave.

### **December 2**

- Inspected sewer lining by Miller Pipeline in the alley between N. 16<sup>th</sup> & N. 17<sup>th</sup> just north of Buffalo.

### **December 3**

- Read and recorded data from 9 flow meter locations.
- Inspected sewer lining by Miller Pipeline on S. 17<sup>th</sup> Ave.

### **December 6**

- Inspected sewer lining by Miller Pipeline on Detroit St.
- Checked storm sewer inlet installation at 13<sup>th</sup> & Main St. Old conduit cut and removed after confirming it was abandoned by calling 811.

### **December 7**

- Inspected sewer lining by Miller Pipeline on Gerry Drive.
- Added cushion ring to manhole on Detroit – normal flow.
- Inspected sewer lateral repair at 422 Edwards Ave.

### **December 8**

- Inspected sewer lining by Miller Pipeline on Grovewood Drive.
- Cleaned 6 catch basins on Grovewood Place.

### **December 9**

- Cleaned catch basins at these locations:
  - 2 at 12<sup>th</sup> & Parkway
  - 2 at 13<sup>th</sup> & Bridge
  - 4 at 13<sup>th</sup> & Cleveland
  - 2 at 17<sup>th</sup> & Main St.
  - 4 at 4<sup>th</sup> & Alton
- Inspected sanitary sewer lining by Miller Pipeline in alley between N. 10<sup>th</sup> and N. 11<sup>th</sup> north of Detroit.

### **December 10**

- Read and recorded data from 9 flow meter locations.
- Inspected sanitary sewer lining by Miller Pipeline on Grovewood Drive.
- Checked sanitary manhole on Rodney Ct. – normal flow. Sewer lateral repair planned by resident.
- Cleaned catch basins at the following locations:
  - 2 at 1150 Churchman
  - 4 at 3<sup>rd</sup> & Churchman
  - 2 at 12<sup>th</sup> & Byland
  - 4 at 6<sup>th</sup> & Buffalo

### **December 13**

- Inspected sewer lining by Miller Pipeline in alley between N. 5<sup>th</sup> & N. 6<sup>th</sup> from Main St. to Albany.
- Monitored sewer cleaning by Commercial Sewer in alley between S. 11<sup>th</sup> & 12<sup>th</sup> from Churchman to Byland.
- Cleaned catch basins at the following locations:
  - 3 at 13<sup>th</sup> & Main St.
  - 4 at 2<sup>nd</sup> & Churchman
  - 6 at 5<sup>th</sup> & Albany

#### **December 14**

- Cleaned catch basins at the following locations:
- 2 at 3<sup>rd</sup> & Buffalo
- 3 at 3<sup>rd</sup> & Churchman
- 4 at 6<sup>th</sup> & Buffalo
- 2 at 18<sup>th</sup> & Southern
- 4 at 18<sup>th</sup> & Cleveland
- 2 at 18<sup>th</sup> & Albany
- Monitored Miller Pipeline while they went back and brushed laterals on completed lines.

#### **December 15**

- Inspected sewer lining by Miller Pipeline in the easement between N. 11<sup>th</sup> & N. 12<sup>th</sup> south of Churchman.
- Observed and monitored asphalt repairs by Globe Asphalt at point repairs for sewer rehabilitation.
- Did sewer inspection for lateral repair at 745 S. 4<sup>th</sup> Ave.

#### **December 16**

- Inspected all point repairs and manholes involved in sewer lining. Prepared punch list of unfinished work with Rich Gregory of Wessler Engineering.
- Cleaned catch basins in the following locations:
- 1 at 13<sup>th</sup> & Main St.
- 5 at 25<sup>th</sup> & Main St.
- 2 at 25<sup>th</sup> & Bischoff
- 1 at 25<sup>th</sup> & Albany

#### **December 17**

- Read and recorded data from 9 flow meter locations.
- Inspected sewer lateral repair at 18 Rodney Ct.
- Responded to sewer call at 5740 Elmwood Ct. – main clear and flowing. Lateral appears to enter manhole on Elmwood Ave.
- Inspected sewer lateral repair at 503 Andrea Dr.
- Cleaned 2 catch basins at Rodney and Dangerfield.

#### **December 20**

- Inspected brushing service work by Miller Pipeline in easement between S. 11<sup>th</sup> & S. 12<sup>th</sup> from Churchman to Byland.
- Cleaned catch basins at the following locations:
- 3 at 40 N. 17<sup>th</sup> Ave.
- 2 at 68 N. 17<sup>th</sup> Ave.
- 3 at 15<sup>th</sup> & Main St.

#### **December 21**

- Calibrated and downloaded quarterly data with Nick from Wessler Engineering.
- Inspected sewer lining by Miller Pipeline and the final brushing of laterals.

#### **December 22**

- Inspected Miller Pipeline brushing services between N. 14<sup>th</sup> & N. 15<sup>th</sup> Ave. from Detroit to Southern.
- Inspected sanitary sewer lateral repair at 51 N. 16<sup>th</sup> Ave. Cable company cross bored through lateral.

### **December 23**

- Read and recorded data from 9 flow meter locations.
- Inspected work by Miller Pipeline televising segment F114-F115. Checked laterals and no clippings were seen.
- Inspected sewer patch on liner in easement between S. 11<sup>th</sup> & S. 12<sup>th</sup> Ave. by Miller Pipeline.
- Inspected removal of resin slug 118' upstream from manhole F102 by Miller Pipeline.

### **December 27**

- Inspected sewer lateral repair at 1509 Yazoo Drive.
- Cleaned catch basins at the following locations:
  - 4 at 5<sup>th</sup> & Churchman
  - 2 at 7<sup>th</sup> & Churchman
  - 2 at 8<sup>th</sup> & Churchman
  - 5 at 9<sup>th</sup> & Churchman
  - 4 at 6<sup>th</sup> & Churchman
  - 5 at 10<sup>th</sup> & Churchman
  - 2 at 13<sup>th</sup> & Parkway
  - 4 at 13<sup>th</sup> Ave. Bridge
  - 5 at 2<sup>nd</sup> & Churchman
  - 4 at 3<sup>rd</sup> & Churchman
  - 4 at 4<sup>th</sup> & Churchman

### **December 28**

- Cleaned catch basins at the following locations:
  - 2 at 6<sup>th</sup> & Buffalo
  - 2 at 132 N. 5<sup>th</sup> Ave.
  - 2 at Emerson & Lifegate
  - 2 at 25<sup>th</sup> & Royal Road
  - 2 at 23<sup>rd</sup> & Southern
  - 2 at 21<sup>st</sup> & Southern
  - 2 at 20<sup>th</sup> & Southern
  - 2 at 19<sup>th</sup> & Southern
  - 2 at 18<sup>th</sup> & Southern
  - 2 at 17<sup>th</sup> & Southern
  - 4 at 4<sup>th</sup> & Alton

### **December 29**

- Inspected sewer lateral repair at 518 S. 4<sup>th</sup> Ave.
- Cleaned catch basins at the following locations:
  - 2 at 9<sup>th</sup> & Ash Ct.
  - 2 at 1600 Southern
  - 5 at 25<sup>th</sup> & Main St.
  - 2 at Main St. & Chester
  - 2 at 13<sup>th</sup> & Main St.
  - 2 at 9<sup>th</sup> & Roderick Ct.
  - 2 at Albany Bridge
  - 6 at 1100 Albany
  - 2 at 518 Birch



### **December 30**

- Read and recorded data from 9 flow meter locations.
- Cleaned catch basins at the following locations:
  - 1 at Emerson & Garstang
  - 1 at Big 4 Rd.
  - 2 at 1150 Churchman
  - 2 at 1250 Churchman
  - 4 at 4<sup>th</sup> & Alton
- Did sewer lateral repair inspection at 120 N. 2<sup>nd</sup> Ave.
- Responded to sewer call at 1229 Alton Street. No obstruction in main when jetting the line.