

**THE MUNICIPAL AUTHORITY OF  
THE CITY OF MCKEESPORT  
OPERATING YEAR 2015  
WASTELOAD MANAGEMENT REPORT**

Name of Municipal Authority Glassport Borough  
 Street Address 440 Monongahela Avenue  
 City, State, Zip Glassport, PA 15045  
 Phone number 412 672-7400

Name of Person Completing Report Gregory A. Pasko  
 Title of Company: KLH Engineers, INC.  
 Street Address 5173 Campbells Run Road  
 City, State, Zip Pittsburgh, PA 15205  
 Phone number 412-494-0510

**Section I: Hydraulic and Organic Loadings**

- A. Size of Sewers 8" Collector sewers along Washington Boulevard and Edmundson Drive.
- B. Locations of Critical Area: N/A
- C. Sewered population and projected hydraulic and organic load being discharged to McKeesport Authority (complete the following Table):

Year	Residential Customers	Population	Estimated Flow (gpd)	Estimated Raw Sewage BOD (lbs./day)
2015 Actual	24	57	5,712	13
2016 Estimated	24	57	5,712	13
2017 Estimated	24	57	5,712	13
2018 Estimated	24	57	5,712	13
2019 Estimated	24	57	5,712	13
2020 Estimated	24	57	5,712	13

D. Plans for correcting hydraulically overloaded sewers (describe proposed plans to reduce or eliminate present or projected conditions): There are no issues related to hydraulically overloaded sewers in the portion of Glassport tributary to MACM.

E. Characteristics of wastes to Wastewater treatment plant (BOD, SS, pH, Heavy Metals, etc.). Attached analysis if available. Domestic Wastes. No Analysis Performed

F. Please identify proposed subdivisions and/or single family dwellings (if in the Long Run Watershed) for which the McKeesport Authority will be requested to support a Planning Module or service connection pursuant to McKeesport Authority Resolution regarding Replacement Capacity Fee.

Development/Single Family Unit	Proposed EDU's	Proposed Average Day Flow GPD	Average Day Organic Loading #/D
NONE			

G. Please identify all subdivision and/or single family dwellings newly constructed within your service area in 2015 and for which a service connection(s) was constructed

Development/Single Family Unit	Proposed EDU's
NONE	

H. If your service area is restricted to one Municipality, please attach a list of all building permits and/or service connection applications issued in 2015 within that Municipality  
 NONE

**Section II: Industrial Wastes**

Are industrial wastes discharged to your sewer systems?

Yes \_\_\_\_\_

No   x  

- A. Discuss your municipality's program for surveillance and monitoring of industrial waste discharges into the sewer system during the past year:

N/A

- B. Describe specific problems in the sewer system known to be caused by industrial waste discharges and summarize any steps being taken to alleviate or eliminate the problems:

N/A

- C. Important! Please attach a copy of the ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted during the past year if it has not been previously permitted.

- D. List of industries that discharge to system. (Use back of sheet if necessary)

Name:   NONE  

Flow: \_\_\_\_\_

Type: \_\_\_\_\_

- E. Monitoring and Surveillance Program for next five years:

N/A

- F. Program to eliminate industrial waste discharges or provide pretreatment:

N/A

- G. Provide list of industries that will be responsible for meeting pretreatment requirements:

N/A

**Section III: System Condition**

Provide the following information concerning your sewer system:

- A. Sewer System Conditions (are there any sections of sewer where rehabilitation or cleaning is needed, are there any portions with excessive infiltration, etc.):

The Borough of Glassport performs periodic and routine maintenance on the sewer system to maintain proper operation. The Borough deals with problem areas that result in blockage as conditions in the system require.

- B. Describe sections of sewer where conveyance capacity is being exceeded or will be exceeded in the next five years:

NONE

- C. Describe your program for monitoring flows in the sewers. State if it includes periodic flow gauging or smoke and dye testing in sewers suspected of having illegal storm connections.

N/A

- D. Describe your routine maintenance programs. Indicate if on a regular basis or as-needed. List the number of employees (full or part-time) and provide a list of the equipment available for inspection and maintenance work. The Borough completes emergency repairs as needed and conducts physical inspection of manholes, flushing and repairs.

- E. If applicable, briefly describe your program for maintenance and control of diversion chambers and indicate how often they are inspected.

N/A

- F. Describe any work being performed to reduce infiltration/inflow:

The Borough deals with problem areas that result from blockage and leaking joints as conditions in the system require.

- G. If available, please submit map of sewer system.

N/A

**Section IV: Extraordinary Monitoring and Rehabilitation**

- A. Provide map showing locations of all flow meters on system.  
N/A
- B. Provide map showing location of areas where frequent complaints are made.  
N/A
- C. Provide descriptions of program developed to correct overloading conditions:

NONE

---



---



---

- D. Do you sample wastewater and, if so, list sampling frequency and location:

No sampling is performed.

---



---



---

**Section V: Pump Station**

- A. Location and condition: No tributary to MACM

---



---

- B. Design capacity: N/A

---



---

- C. Include in the following table a comparison of available capacity with present max. flows and projected 2-year max. flows for each station: N/A

---



---

	Present Flows	Projected 2-Year Flows
Maximum		
Average		
Minimum		

D Does Pumping Station have an overflow or bypass? N/A

E Provide schedule of enlarging stations if currently overloaded.

N/A

**Section VI: Sewer Extensions**

A. Provide the following information for each sewer system extension constructed in the past year. Attach a copy of the plot plan or a map of each sewer extension.

Development/Extension Name	Population Served	Area Served	Status (constructed, approved for the construction, proposed)
N/A			

Person Completing the Form: Gregory A. Pasko

Title/Position: Project Engineer

Date Completed: 02/29/16

Please return by March 7, 2016, to the following address:

**Municipal Authority of the City of McKeesport**

**100 Atlantic Avenue, McKeesport, PA 15132**

ANY MUNICIPALITY OR AUTHORITY FOR WHICH INFORMATION IS NOT RECEIVED  
WILL BE REPORTED AS SUCH IN THE WASTELOAD MANAGEMENT REPORT

**THE MUNICIPAL AUTHORITY OF  
THE CITY OF MCKEESPORT  
OPERATING YEAR 2015  
WASTELOAD MANAGEMENT REPORT**

Name of Municipal Authority Lincoln Borough  
 Street Address 45 Abo's Way  
 City, State, Zip Elizabeth, PA 15037  
 Phone number 412-751-2655

Name of Person Completing Report Gregory A. Pasko  
 Title of Company: KLH Engineers, INC.  
 Street Address 5173 Campbell's Run Road  
 City, State, Zip Pittsburgh, PA 15205  
 Phone number 412-494-0510

**Section I: Hydraulic and Organic Loadings**

- A. Size of Sewers: 6 and 8 - Inch
- B. Locations of Critical Area: None
- C. Sewered population and projected hydraulic and organic load being discharged to McKeesport Authority (complete the following Table):

Year	Residential Customers	Population	Estimated Flow (gpd)	Estimated Raw Sewage BOD (lbs./day)
2015 Actual	81	255	25,000	44
2016 Estimated	81	255	25,000	44
2017 Estimated	81	255	25,000	44
2018 Estimated	81	255	25,000	44
2019 Estimated	81	255	25,000	44
2020 Estimated	81	255	25,000	44

D. Plans for correcting hydraulically overloaded sewers (describe proposed plans to reduce or eliminate present or projected conditions): No Hydraulically Overloaded Sewers

E. Characteristics of wastes to Wastewater treatment plant (BOD, SS, pH, Heavy Metals, etc.). Attached analysis if available. Domestic Wastes. No Analysis Performed

F. Please identify proposed subdivisions and/or single family dwellings (if in the Long Run Watershed) for which the McKeesport Authority will be requested to support a Planning Module or service connection pursuant to McKeesport Authority Resolution regarding Replacement Capacity Fee.

Development/Single Family Unit	Proposed EDU's	Proposed Average Day Flow GPD	Average Day Organic Loading #/D
NONE			

G. Please identify all subdivision and/or single family dwellings newly constructed within your service area in 2015 and for which a service connection(s) was constructed:

Development/Single Family Unit	Proposed EDU's
NONE	

H. If your service area is restricted to one Municipality, please attach a list of all building permits and/or service connection applications issued in 2015 within that Municipality  
 NONE



**Section II: Industrial Wastes**

Are industrial wastes discharged to your sewer systems?

Yes \_\_\_\_\_

No   x  

- A. Discuss your municipality's program for surveillance and monitoring of Industrial waste discharges into the sewer system during the past year:

N/A

---

---

- B. Describe specific problems in the sewer system known to be caused by industrial waste discharges and summarize any steps being taken to alleviate or eliminate the problems:

N/A

---

---

---

- C. Important! Please attach a copy of the ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted during the past year if it has not been previously permitted.

- D. List of industries that discharge to system. (Use back of sheet if necessary)

Name:   NONE  

Flow: \_\_\_\_\_

Type: \_\_\_\_\_

- E. Monitoring and Surveillance Program for next five years.

N/A

---

---

---

---

---

- F. Program to eliminate industrial waste discharges or provide pretreatment:

N/A

---

---

- G. Provide list of industries that will be responsible for meeting pretreatment requirements:

N/A

---

---

**Section III: System Condition**

Provide the following information concerning your sewer system:

- A. Sewer System Conditions (are there any sections of sewer where rehabilitation or cleaning is needed, are there any portions with excessive infiltration, etc.):

The system is generally in good condition. The majority of the system is new construction placed into service in 2001. The lines were cleaned and televised in 2012 with no problems.

- B. Describe sections of sewer where conveyance capacity is being exceeded or will be exceeded in the next five years:

NONE

- C. Describe your program for monitoring flows in the sewers. State if it includes periodic flow gauging or smoke and dye testing in sewers suspected of having illegal storm connections.

An ultrasonic flow meter is installed on the manhole just ahead of the pump station, which monitors all flow. Data is available via telephone modem.

- D. Describe your routine maintenance programs. Indicate if on a regular basis or as-needed. List the number of employees (full or part-time) and provide a list of the equipment available for inspection and maintenance work. Maintenance at the pump station on a weekly basis.

One part-time contractor monitors the pump station.

- E. If applicable, briefly describe your program for maintenance and control of diversion chambers and indicate how often they are inspected:

NONE

- F. Describe any work being performed to reduce infiltration/inflow:

The borough has done dye testing

- G. If available, please submit map of sewer system.

N/A

**Section IV: Extraordinary Monitoring and Rehabilitation**

- A. Provide map showing locations of all flow meters on system.  
N/A
- B. Provide map showing location of areas where frequent complaints are made.  
N/A
- C. Provide descriptions of program developed to correct overloading conditions:

NONE

---



---



---

- D. Do you sample wastewater and, if so, list sampling frequency and location:

No sampling is performed.

---



---

**Section V: Pump Station**

- A. Location and condition: Sunset Lane (Private Section)  
Constructed in 2001. Excellent condition
- B. Design capacity: 180 gpm (0.259 MGD) = Max Capacity
- C. Include in the following table a comparison of available capacity with present max. flows and projected 2-year max. flows for each station: See Below

	Present Flows	Projected 2-Year Flows
Maximum	29,313	64,000
Average	26,000	64,000
Minimum	18,000	64,000

D. Does Pumping Station have an overflow or bypass? NO

\_\_\_\_\_

\_\_\_\_\_

E. Provide schedule of enlarging stations if currently overloaded.

N/A

\_\_\_\_\_

\_\_\_\_\_

**Section VI: Sewer Extensions**

A Provide the following information for each sewer system extension constructed in the past year. Attach a copy of the plot plan or a map of each sewer extension

Development/Extension Name	Population Served	Area Served	Status (constructed, approved for the construction, proposed)
N/A			

Person Completing the Form: Gregory A. Pasko

Title/Position Project Engineer

Date Completed: 02/29/16

Please return by March 7, 2016, to the following address:

**Municipal Authority of the City of McKeesport**  
**100 Atlantic Avenue, McKeesport, PA 15132**

ANY MUNICIPALITY OR AUTHORITY FOR WHICH INFORMATION IS NOT RECEIVED  
WILL BE REPORTED AS SUCH IN THE WASTELOAD MANAGEMENT REPORT.



THE GATEWAY ENGINEERS, INC.

400 HOLIDAY DRIVE, SUITE 100  
PITTSBURGH, PA 15220 2727  
412 921 4030 FAX  
412 921 9860 FAX

[www.gatewayengineers.com](http://www.gatewayengineers.com)

## LETTER OF TRANSMITTAL

March 3, 2016  
C-76020

Municipal Authority of the City of McKeesport  
100 Atlantic Avenue  
McKeesport, PA 15132

ATT: Charles R. Schultz, Superintendent


RE: Chapter 94, Annual Wasteload Management Report for 2015  
Municipal Authority of the City of McKeesport

Enclosed you will find the following item that is being MAILED from our office.

COPIES	DESCRIPTION
1	Chapter 94, Annual Wasteload Management Report for 2015 – Municipal Authority of the City of McKeesport

If you have any questions or need further information please contact me.

Sincerely,  
THE GATEWAY ENGINEERS, INC.



Ruthann L. Omer, P.E.  
Authority Engineer

Enclosure

CC: Edward Campbell, ETA Chairman  
Charles M. Maher, Project Engineer

G:\Projects\76010 Elizabeth Township Authority\76015 Chapter 94 reports\2015 Transmittal of Chapter 94 Report to McKeesport.doc

THE MUNICIPAL AUTHORITY OF  
THE CITY OF MCKEESPORT  
OPERATING YEAR 2015  
WASTELOAD MANAGEMENT REPORT

Name of Municipal Authority Elizabeth Township Authority

Street Address 2420 Greenock Buena Vista Road

City, State, Zip Elizabeth, PA 15135

Phone number 412-754-1643

Name of Person Completing Report Charles Maher, P.E.

Title of Company: The Gateway Engineers, Inc.

Street Address 400 Holiday Drive, Suite 300

City, State, Zip Pittsburgh, PA 15220-2727

Phone number 412-921-4030 ext 170

**Section I: Hydraulic and Organic Loadings**

- A. Size of Sewers: 153,000 feet of sewers 6" to 27" in diameter
- B. Locations of Critical Area: Boston Pump Station
- C. Sewered population and projected hydraulic and organic load being discharged to McKeesport Authority (complete the following Table):

Year	Residential Customers	Population	Estimated Flow (gpd)	Estimated Raw Sewage BOD (lbs/day)
2015 Actual	1,654	3,887	563,400	661
2016 Estimated	1,671	3,927	569,135	668
2017 Estimated	1,688	3,967	574,826	674
2018 Estimated	4,709	11,066	1,678,444	1,881
2019 Estimated	4,756	11,177	1,695,228	1,900
2020 Estimated	4,804	11,289	1,712,180	1,919

- D. Plans for correcting hydraulically overloaded sewers (describe proposed plans to reduce or eliminate present or projected conditions): There are no known hydraulically overloaded sewers in the Boston Sewershed other than the Boston Pump Station itself.  
Improvements to the capacity of the Boston Pump Station capacity prior to 2018 is planned as per the Buena Vista Act 537 Plan updates.
- E. Characteristics of wastes to Wastewater treatment plant (BOD, SS, pH, Heavy Metals, etc.). Attached analysis if available. The Wastwater is primarily typical domestic wastewater according to ETA records
- F. Please identify proposed subdivisions and/or single family dwellings (if in the Long Run Watershed) for which the McKeesport Authority will be requested to support a Planning Module or service connection pursuant to McKeesport Authority Resolution regarding Replacement Capacity Fee.

Development/Single Family Unit	Proposed EDU's	Proposed Average Day Flow GPD	Average Day Organic Loading #/D
--------------------------------	----------------	-------------------------------	---------------------------------

None

- G. Please identify all subdivision and/or single family dwellings newly constructed within your service area in 2015 and for which a service connection(s) was constructed:

Development/Single Family Unit	Proposed EDU's
--------------------------------	----------------

One (1) New Service Connection on Brinkman Lane

1

- H. If your service area is restricted to one Municipality, please attach a list of all building permits and/or service connection applications issued in 2015 within that Municipality.  
 N/A

**Section II: Industrial Wastes**

Are industrial wastes discharged to your sewer systems?

Yes \_\_\_\_\_ No  X

- A. Discuss your municipality's program for surveillance and monitoring of industrial waste discharges into the sewer system during the past year:

N/A (McKeesport Regulations were adopted by ETA)

---

---

- B. Describe specific problems in the sewer system known to be caused by industrial waste discharges and summarize any steps being taken to alleviate or eliminate the problems:

N/A

---

---

- C. Important! Please attach a copy of the ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted during the past year if it has not been previously permitted. (Previously Provided, no amendments in 2015)

- D. List of industries that discharge to system. (Use back of sheet if necessary)

Name: None

Flow: \_\_\_\_\_

Type: \_\_\_\_\_

- E. Monitoring and Surveillance Program for next five years:

Per Adopted regulations and agreements

---

---

---

---

- F. Program to eliminate industrial waste discharges or provide pretreatment:

N/A

---

---

- G. Provide list of industries that will be responsible for meeting pretreatment requirements:

N/A

---

---



**Section III: System Condition**

Provide the following information concerning your sewer system:

- A. Sewer System Conditions (are there any sections of sewer where rehabilitation or cleaning is needed, are there any portions with excessive infiltration, etc.):  
The Authority cleaned and televised approximately 26,000 L.F. of sewers in 2015.  
There were 81 significant structure defects that were discovered during this CCTV work, and these defects will be repaired by October 2016 through a proposed sewer repair contract.
  
- B. Describe sections of sewer where conveyance capacity is being exceeded or will be exceeded in the next five years: No sewer sections have been determined to exceed capacity other than the exceedance at the Boston Pump Station. Improvements to the Boston Pump Station to stop exceedances are planned.
  
- C. Describe your program for monitoring flows in the sewers. State if it includes periodic flow gauging or smoke and dye testing in sewers suspected of having illegal storm connections.  
Dye Testing is conducted by the Authority on a regular basis. The Authority conducted 356 dye tests in 2015, and 354 test results were satisfactory. Illegal connections discovered during the dye testing work will be corrected in 2016. Flow monitoring at the Boston Pump Station is ongoing.
  
- D. Describe your routine maintenance programs. Indicate if on a regular basis or as-needed. List the number of employees (full or part-time) and provide a list of the equipment available for inspection and maintenance work. ETA has contracted services for CCTV and cleaning of lines. The Authority conducted 563 manhole inspections in 2015. Major rehabilitation and repairs to the sewer system are contracted out on a regular basis. ETA contracts three (3) full time employees to maintain the system. ETA also has adopted an O&M plan for their system.
  
- E. If applicable, briefly describe your program for maintenance and control of diversion chambers and indicate how often they are inspected:  
N/A
  
  
- F. Describe any work being performed to reduce infiltration/inflow:  
All properties in the sewershed are being dye tested of which 356 were completed in 2015.  
An additional 250 dye tests scheduled for 2016 will complete the dye test program.  
There are 81 significant structure defects discovered in 2015 via CCTV that will be repaired in 2016.
  
- G. If available, please submit map of sewer system.  
See Attached

**Section IV: Extraordinary Monitoring and Rehabilitation**

- A. Provide map showing locations of all flow meters on system.  
Flow meters are present on the Boston Pump Station discharge and overflow, as well as one at the forcemain connection to the Versailles system.
- B. Provide map showing location of areas where frequent complaints are made.  
There are no records of frequent complaints in any specific areas
- C. Provide descriptions of program developed to correct overloading conditions:  
The MACM and ETA Act 537 plan revisions  


---



---



---
- D. Do you sample wastewater and, if so, list sampling frequency and location:  
N/A  


---



---



---

**Section V: Pump Station**

- A. Location and condition:  
The Boston Pump Station is located southwest of the south approach to the Boston Bridge at the Youghiogheny River (40-18-38N, 79-49-45W). The address is 5501 Donner Street  
The Pump Station is generally in good condition. A permanent flow monitor is calibrated annually.
- B. Design capacity: 2.8 mgd (2 pumps on at 950 gpm or 1.4 mgd each). A third pump is on standby under normal operations.
- C. Include in the following table a comparison of available capacity with present max. flows and projected 2-year max. flows for each station:

	Present Flows	Projected 2-Year Flows
Maximum	3.450 mgd	3.485 mgd
Average	0.563 mgd	0.569 mgd
Minimum	0.432 mgd	0.436 mgd

- D. Does Pumping Station have an overflow or bypass? yes  
Metered emergency SSO is located in manhole upstream of pump station
- E. Provide schedule of enlarging stations if currently overloaded.  
In conjunction with the terms of the ACHD ACO for the Buena Vista sewershed and MACM agreement, the pump station capacity is being increased to 17.5 mgd.

**Section VI: Sewer Extensions**

- A. Provide the following information for each sewer system extension constructed in the past year. Attach a copy of the plot plan or a map of each sewer extension.

Development/Extension Name	Population Served	Area Served	Status (constructed, approved for the construction, proposed)
----------------------------	-------------------	-------------	---

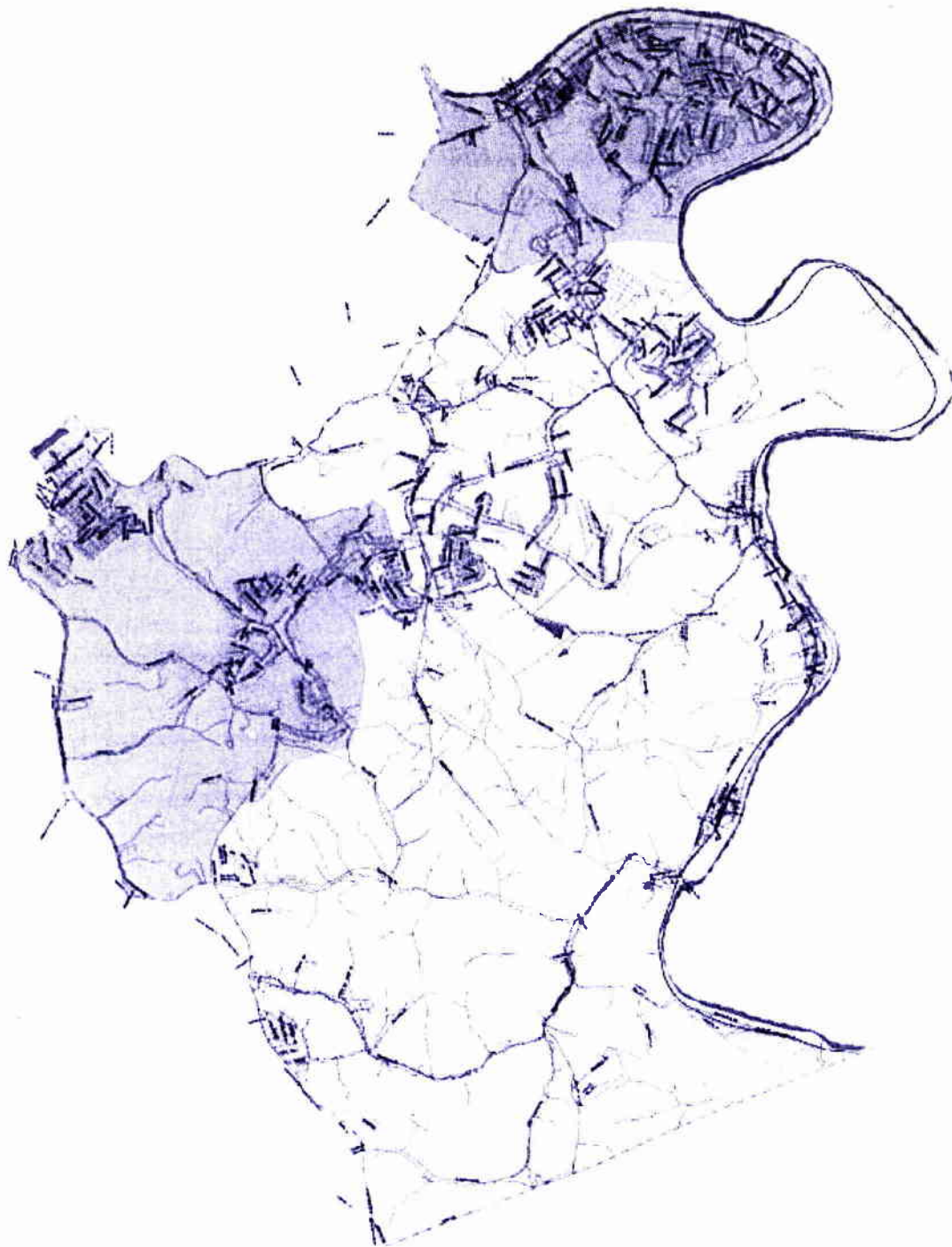
N/A

Person Completing the Form: Charles M. Maher, P.E.  
 Title/Position: Engineer  
 Date Completed: 03/02/16

Please return by March 7, 2016, to the following address:

**Municipal Authority of the City of McKeesport  
 100 Atlantic Avenue, McKeesport, PA 15132**

ANY MUNICIPALITY OR AUTHORITY FOR WHICH INFORMATION IS NOT RECEIVED  
 WILL BE REPORTED AS SUCH IN THE WASTELOAD MANAGEMENT REPORT.



Elizabeth Township  
Authority

- |                    |                    |                |                         |
|--------------------|--------------------|----------------|-------------------------|
| • Service Area 117 | • Ashby            | • Parks        | • Water Treatment       |
| • Park 1000        | • City of Toronto  | • Trillium Ave | • Water Use Restriction |
| • 1000000          | • Markham          | • Street 1     | • Firewater             |
| • 1000000          | • Markham Boundary |                |                         |

# **ATTACHMENT 8**

## **CSO Report**

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT**  
Allegheny County, Pennsylvania

**Annual Combined Sewer Overflow Status Report**  
**Operating Year 2015**

**1.0 Introduction**

The Municipal Authority of the City of McKeesport (Authority) Water Pollution Control Plant (WPCP) is operated under National Pollutant Discharge Elimination System (NPDES) Permit No. PA0026913. As required by the NPDES Permit, the Authority is required to submit an Annual Combined Sewer Overflow (CSO) Status Report to the Pennsylvania Department of Environmental Protection (PADEP) on March 31 of each year with the annual Municipal Wasteload Management Report required by 25 PA Code Chapter 94, Section 94.12. This report shall meet those requirements.

The Authority owns, operates and maintains a number of CSO outfalls which serve as combined sewer overflows necessitated by storm water entering the sewer system and exceeding the hydraulic capacity of the sewers and/or the treatment plant and are permitted to discharge only for such reason. The permitted CSO outfalls and their locations are listed as follows:

- 003 – Long Run Pump Station
- 004 – Rebecca Street
- 005 – Erie Street
- 006 – Ann Street
- 007 – Dale Street
- 008 – Perry Street
- 009 – Windsor Street
- 010 – Morgan Alley
- 012 – Fourth Avenue
- 013 – Fifth Avenue
- 014 – Sixth Avenue
- 015 – Seventh Avenue
- 018 – Ninth Avenue
- 020 – Eleventh Avenue
- 021 – Twelfth Avenue
- 022 – Thirteenth Avenue
- 023 – Twenty-Eighth Avenue
- 024 – Eden Park Boulevard
- 025 – Walnut Street
- 026 – Walnut Street
- 027 – Huey Street
- 028 – Martin Street
- 029 – Center Street
- 030 – Evans Avenue
- 031 – White Street
- 032 – Cliff Street
- 033 – Cliff Street

**2.0 Summary of CSO Discharges for 2015**

During the operating year 2015, CSO discharges occurred within the Municipal Authority of the City of McKeesport combined sewer system. Each discharge is monitored for cause, frequency, duration and quantity of flow. The data is recorded and reported as an attachment to the monthly discharge monitoring report (DMR) using the Department-provided DMR for CSOs. Monitoring is undergone in compliance with the requirements of the NPDES Permit. A summary of the total monthly and annual wet weather CSO discharges for each outfall is included in Attachment [10b].

### 3.0 Water Quality Impacts

CSOs contain untreated domestic, commercial and industrial wastes, as well as surface runoff. Thus, many different types of contaminants may be present in the discharges. Contaminants may include pathogens, oxygen-demanding pollutants, suspended solids, nutrients, toxics and floatable matter. The presence of such contaminants in CSOs can cause a variety of adverse impacts on the physical characteristics of surface water, impair the viability of aquatic habitats, and pose a potential threat to drinking water supplies.

### 4.0 Implementation of the Nine Minimum Controls

The Nine Minimum Controls (NMCs) are identified in the Environmental Protection Agency (EPA) CSO Control Policy as minimum technology-based controls that can be used to address CSO problems without extensive engineering studies or significant construction costs, prior to the implementation of long-term control measures. The NMCs are listed and efforts to implement them are outlined as follows:

1. Proper operation and regular maintenance programs for the sewer system and the CSOs

The Municipal Authority of the City of McKeesport conducts inspection and maintenance of each outfall on a regular basis. Inspections are conducted daily and evidence of overflows is recorded on a daily field inspection log. Whenever blockages or clogging is found, the debris is cleared and removed from the CSO regulator. The number of regulator inspections and blockages found and corrected are provided in Attachment [10c].

In 2008 the Authority completed a CSO regulator chamber and outfall relocation project, consisting of the construction of combined sanitary sewer overflow regulators, branch interceptors, combined sanitary sewers, overflow piping with end walls or submerged outlets, and the removal or abandonment of existing structures. More specifically, the project included relocation of 18 outfalls, construction of 8 new CSO regulator chambers, 14 new end walls, 65 manholes and valve vaults, and approximately 5,800 lineal feet of combined and sanitary sewers ranging in size from 8" to 60". This work was completed on the following CSO outfalls:

- Original WWTP Outfall
- 001 – New WWTP Outfall
- 004 – Rebecca Street
- 005 – Erie Street
- 006 – Ann Street
- 007 – Dale Street
- 008 – Perry Street
- 009 – Windsor Street
- 010 – Morgan Alley
- 012 – Fourth Avenue
- 013 – Fifth Avenue
- 014 – Sixth Avenue
- 015 – Seventh Avenue
- 018 – Ninth Avenue
- 020 – Eleventh Avenue
- 021 – Twelfth Avenue
- 022 – Thirteenth Avenue
- 023 – Twenty-Eighth Avenue

The remaining outfall regulators are in poor condition. The gates on the remaining regulators do not function well and are tied open. The Authority does, however, conduct routine inspection of every CSO outfall structure within its system and is developing a plan to rebuild or replace the remaining non-functional regulators.

The Authority also conducts catch basin cleaning, repairs and replacement as necessary. The 2015 catch basin repair and replacement records are included in Attachment [10d].

2. Maximum use of the collection system for storage

The Authority makes every effort possible to maximize storage within the collection system. Each regulator gate is set to achieve maximum storage.

3. Review and modification of pretreatment requirements to assure CSO impacts are minimized

The Municipal Authority of the City of McKeesport has developed and implemented an EPA approved Industrial Pretreatment Program. The Authority has established a permit system and program for monitoring. Industrial wastes at the present time do not adversely affect the sewer system and the CSOs.

4. Maximization of flow to the publicly owned treatment works for treatment

The Authority makes all efforts possible to maximize flow to the treatment plant. Regulator gates are adjusted as necessary to maximize this effort.

5. Prohibition of CSOs during dry weather

Dry weather CSO discharges are prohibited. During the operating year 2015, however, the Municipal Authority of the City of McKeesport experienced dry weather discharges. Causes for these discharges include clogged pumps, pump failure, clogged or broken pipes, frozen pump lines, power outages, clogged gates, large amounts of grit experienced after intense rainfall, a collapsed street and rags. Mostly all of these dry weather discharges are directly related to the construction at the wastewater treatment plant and pump station upgrades. Whenever a dry weather overflow is experienced, the Allegheny County Health Department is notified immediately. The dry weather discharge logs are included in Attachment [10e].

6. Control of solid and floatable materials in CSOs

The Public Works Department of the City of McKeesport performs routine street-sweeping in effort to implement the NMCs. Additionally, the regulators contain screens which collect solids. The solids are then removed by Authority personnel. These efforts help to control solids and floatables in the CSOs. Dates on which routine street sweeping was performed during 2015 are outlined in Attachment [10f].

7. Pollution prevention

The street sweeping program helps to prevent pollution, as it keeps solids and floatables from entering the combined sewer system and being discharged into the river through a CSO outfall. Additionally, the screens in the CSO regulators collect solids and floatables that make it into the sewer system. Authority personnel clean the regulators on a routine basis.



8. Public notification to ensure that the public receives adequate notification of CSO occurrences and CSO impacts

The Authority conducts water pollution training at several schools including White Oak Middle School, South Allegheny Elementary School and Cornell Middle School. This allows the Authority to reach out to the children about the importance of protecting our waterways for the future. The Authority spoke with approximately 400 students in 2014.

In addition, the Authority has a booth at the International Village at Renzie Park each year. Games are available for adults and children along with literature about water pollution prevention. The Authority spends time answering questions from concerned home owners from the McKeesport area and beyond. This annual event allows the Authority to reach out to hundreds of people.

The Authority always has an employee on the Household Hazardous Waste Collections Task Force and numerous volunteers that attend several events annually.

From time to time, the Allegheny County Health Department issues river water advisories which trigger CSO alerts. The Authority raises flags to indicate CSO alerts during these periods. The Bulletins to CSO Flag Sites are included in Attachment [10g].

9. Monitoring to effectively characterize CSO impacts and the efficacy of CSO controls

As previously discussed, the Authority conducts routine inspections of every CSO regulator. These inspections occur on known problem areas and at every regulator after major wet weather events. Chalk is utilized on the walls of the outfall structure to identify any suspected overflow event. The Authority has installed flow meters to monitor overflows at each outfall. Total daily rainfall is monitored using a rain gauge installed at the City of McKeesport treatment plant. The daily total inches of rain that caused each CSO discharge during 2015 is reported monthly in the supplemental DMR for CSOs and is included in Attachment [10h] of this report.

## **ATTACHMENT 6**

### **Flow Meter Calibration Certificate**

# **ATTACHMENT 7**

## **Tributary WMRs**

# **ATTACHMENT 8**

## **CSO Report**

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT**  
**Allegheny County, Pennsylvania**

**City of McKeesport Water Pollution Control Plant**

**Chapter 94 – Municipal Wasteload Management Report**  
**Operating Year 2015**

**TABLE OF CONTENTS**

Executive Summary

PADEP – Chapter 94 Municipal Wasteload Management Annual Report

PADEP Chapter 94 Spreadsheet .....Attachment 1

Sewer System Monitoring, Maintenance, Repair and Rehabilitation.....Attachment 2

Pumping Stations .....Attachment 3

Industrial Waste .....Attachment4

Sewage Sludge Management Inventory .....Attachment 5

Flow Meter Calibration Certificate.....Attachment 6

Tributary WMRs .....Attachment 7

CSO Report .....Attachment 8

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
JANUARY 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	43.30	2.143
004	Rebecca Street	18.10	0.314
005	Erie Street	0.16	0.003
006	Ann Street	2.80	0.011
007	Dale Street	1.00	0.013
008	Perry Street	0.50	0.000
009	Windsor Street	16.60	0.140
010	Morgan Alley	3.50	0.106
012	Fourth Avenue	3.80	0.123
013	Fifth Avenue	4.30	0.201
014	Sixth Avenue	5.30	0.311
015	Seventh Avenue	18.80	0.085
018	Ninth Avenue (017 combined with 018)	10.80	0.296
020	Eleventh Avenue	3.80	0.071
021	Twelfth Avenue	12.50	1.400
022	Thirteenth Avenue	31.10	2.029
023	Twenty-Eighth Avenue	3.50	0.009
024	Eden Park Boulevard	4.00	0.107
025	Walnut Street	5.30	0.099
026	Walnut Street	4.00	0.915
027	Huey Street	1.30	0.006
028	Martin Street	3.30	0.094
029	Center Street	0.50	0.001
030	Evans Avenue	3.30	0.099
031	White Street	7.00	0.199
032	Cliff Street	15.50	2.292
033	Cliff Street	3.50	0.034
	<b>TOTAL</b>	<b>227.56</b>	<b>11.101</b>

Total (24-hour) Precipitation (in) = 2.32

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
FEBRUARY 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>
003	Long Run Pump Station	57.40
004	Rebecca Street	28.90
005	Erie Street	0.30
006	Ann Street	3.00
007	Dale Street	0.60
008	Perry Street	-
009	Windsor Street	3.30
010	Morgan Alley	5.50
012	Fourth Avenue	5.50
013	Fifth Avenue	9.00
014	Sixth Avenue	10.30
015	Seventh Avenue	2.80
018	Ninth Avenue (017 combined with 018)	16.80
020	Eleventh Avenue	10.80
021	Twelfth Avenue	21.30
022	Thirteenth Avenue	26.80
023	Twenty-Eighth Avenue	10.10
024	Eden Park Boulevard	26.60
025	Walnut Street	5.50
026	Walnut Street	4.60
027	Huey Street	-
028	Martin Street	5.30
029	Center Street	0.80
030	Evans Avenue	4.80
031	White Street	9.60
032	Cliff Street	28.50
033	Cliff Street	8.60
	<b>TOTAL</b>	<b>306.70</b>

Total (24-hour) Precipitation (in) = 1.32

<b>Total Overflow (MG)</b>
1.530
0.479
0.000
0.005
0.001
-
0.024
0.028
0.130
0.234
0.387
0.032
0.094
0.156
2.688
2.389
0.017
0.346
0.050
0.167
-
0.033
0.002
0.020
0.447
4.962
0.033
<b>14.254</b>



**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
MARCH 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	230.10	7.69
004	Rebecca Street	180.00	6.25
005	Erie Street	6.50	0.01
006	Ann Street	41.00	0.12
007	Dale Street	26.20	0.11
008	Perry Street	10.10	0.01
009	Windsor Street	39.40	0.50
010	Morgan Alley	72.10	1.11
012	Fourth Avenue	13.70	0.13
013	Fifth Avenue	78.40	0.72
014	Sixth Avenue	24.10	0.63
015	Seventh Avenue	33.60	0.37
018	Ninth Avenue (017 combined with 018)	32.40	0.86
020	Eleventh Avenue	40.10	0.79
021	Twelfth Avenue	32.90	6.51
022	Thirteenth Avenue	26.90	1.91
023	Twenty-Eighth Avenue	55.90	0.23
024	Eden Park Boulevard	28.40	0.49
025	Walnut Street	14.40	0.47
026	Walnut Street	20.40	1.14
027	Huey Street	2.60	0.01
028	Martin Street	24.50	0.58
029	Center Street	32.00	0.10
030	Evans Avenue	-	0.28
031	White Street	59.50	3.98
032	Cliff Street	70.50	17.05
033	Cliff Street	62.80	1.26
	<b>TOTAL</b>	<b>1258.50</b>	<b>53.280</b>

Total (24-hour) Precipitation (in) = 4.15

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
APRIL 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	84.20	4.095
004	Rebecca Street	54.50	0.876
005	Erie Street	8.20	0.013
006	Ann Street	5.30	0.009
007	Dale Street	5.40	0.017
008	Perry Street	15.10	0.112
009	Windsor Street	16.20	0.236
010	Morgan Alley	16.40	0.140
012	Fourth Avenue	6.20	0.119
013	Fifth Avenue	31.80	0.379
014	Sixth Avenue	12.80	0.833
015	Seventh Avenue	2.70	1.010
018	Ninth Avenue (017 combined with 018)	20.70	0.414
020	Eleventh Avenue	13.90	0.409
021	Twelfth Avenue	32.80	3.917
022	Thirteenth Avenue	54.20	3.649
023	Twenty-Eighth Avenue	13.00	0.072
024	Eden Park Boulevard	41.60	1.079
025	Walnut Street	16.50	0.271
026	Walnut Street	19.90	0.861
027	Huey Street	4.90	0.024
028	Martin Street	9.60	0.350
029	Center Street	0.60	0.002
030	Evans Avenue	8.40	0.158
031	White Street	40.00	2.503
032	Cliff Street	103.80	13.523
033	Cliff Street	19.40	0.236
	<b>TOTAL</b>	<b>658.10</b>	<b>35.307</b>

Total (24-hour) Precipitation (in) = 4.29

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
MAY 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	2.80	0.033
004	Rebecca Street	33.30	0.255
005	Erie Street	-	-
006	Ann Street	0.80	0.018
007	Dale Street	0.30	0.004
008	Perry Street	30.80	0.244
009	Windsor Street	5.20	0.067
010	Morgan Alley	5.30	0.120
012	Fourth Avenue	0.80	0.046
013	Fifth Avenue	4.60	0.060
014	Sixth Avenue	5.90	0.331
015	Seventh Avenue	0.50	0.016
018	Ninth Avenue (017 combined with 018)	4.00	0.162
020	Eleventh Avenue	0.80	0.002
021	Twelfth Avenue	8.20	0.565
022	Thirteenth Avenue	8.10	0.444
023	Twenty-Eighth Avenue	1.80	0.003
024	Eden Park Boulevard	13.80	0.484
025	Walnut Street	2.40	0.156
026	Walnut Street	4.00	0.515
027	Huey Street	2.70	0.070
028	Martin Street	2.40	0.267
029	Center Street	0.80	0.011
030	Evans Avenue	-	-
031	White Street	5.70	0.541
032	Cliff Street	3.60	0.780
033	Cliff Street	6.90	0.118
	<b>TOTAL</b>	<b>155.50</b>	<b>5.313</b>

Total (24-hour) Precipitation (in) = 1.94

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
JUNE 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	178.20	6.991
004	Rebecca Street	11.60	2.142
005	Erie Street	0.11	0.033
006	Ann Street	12.90	0.202
007	Dale Street	2.20	0.119
008	Perry Street	117.10	2.571
009	Windsor Street	26.70	1.063
010	Morgan Alley	41.10	2.427
012	Fourth Avenue	23.80	1.197
013	Fifth Avenue	32.40	1.804
014	Sixth Avenue	48.10	2.851
015	Seventh Avenue	4.50	0.219
018	Ninth Avenue (017 combined with 018)	67.80	5.562
020	Eleventh Avenue	23.70	0.989
021	Twelfth Avenue	83.00	13.553
022	Thirteenth Avenue	198.00	11.680
023	Twenty-Eighth Avenue	21.20	0.344
024	Eden Park Boulevard	210.40	6.815
025	Walnut Street	12.80	1.144
026	Walnut Street	41.60	3.162
027	Huey Street	13.30	0.477
028	Martin Street	31.60	3.208
029	Center Street	2.70	0.112
030	Evans Avenue	71.50	2.614
031	White Street	142.60	11.482
032	Cliff Street	67.00	11.900
033	Cliff Street	103.30	2.713
	<b>TOTAL</b>	<b>1589.21</b>	<b>97.374</b>

Total (24-hour) Precipitation (in) = 9.4

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
JULY 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	53.90	1.896
004	Rebecca Street	-	0.321
005	Erie Street	0.50	0.006
006	Ann Street	2.30	0.010
007	Dale Street	1.30	0.050
008	Perry Street	15.40	0.427
009	Windsor Street	2.70	0.128
010	Morgan Alley	5.90	0.337
012	Fourth Avenue	3.80	0.557
013	Fifth Avenue	5.40	0.269
014	Sixth Avenue	8.30	0.622
015	Seventh Avenue	2.10	0.033
018	Ninth Avenue (017 combined with 018)	9.70	0.364
020	Eleventh Avenue	-	0.140
021	Twelfth Avenue	24.40	2.047
022	Thirteenth Avenue	53.00	3.018
023	Twenty-Eighth Avenue	2.20	0.005
024	Eden Park Boulevard	46.00	0.961
025	Walnut Street	2.10	0.246
026	Walnut Street	3.70	0.447
027	Huey Street	4.00	0.135
028	Martin Street	4.60	0.565
029	Center Street	0.60	0.009
030	Evans Avenue	3.60	0.169
031	White Street	40.00	2.318
032	Cliff Street	-	1.150
033	Cliff Street	56.70	1.110
	<b>TOTAL</b>	<b>352.20</b>	<b>17.340</b>

Total (24-hour) Precipitation (in) = 2.67

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
AUGUST 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	-	-
004	Rebecca Street	1.80	0.178
005	Erie Street	0.30	0.003
006	Ann Street	1.00	0.010
007	Dale Street	-	-
008	Perry Street	12.60	0.095
009	Windsor Street	2.10	0.088
010	Morgan Alley	2.90	0.099
012	Fourth Avenue	3.30	0.581
013	Fifth Avenue	6.50	0.272
014	Sixth Avenue	7.10	0.493
015	Seventh Avenue	0.50	0.015
018	Ninth Avenue (017 combined with 018)	6.10	0.253
020	Eleventh Avenue	1.80	0.251
021	Twelfth Avenue	8.00	0.930
022	Thirteenth Avenue	7.00	0.312
023	Twenty-Eighth Avenue	0.80	0.001
024	Eden Park Boulevard	3.10	0.009
025	Walnut Street	4.80	0.205
026	Walnut Street	3.90	0.531
027	Huey Street	1.90	0.061
028	Martin Street	2.60	0.399
029	Center Street	0.50	0.002
030	Evans Avenue	1.90	0.206
031	White Street	5.40	1.010
032	Cliff Street	7.10	1.727
033	Cliff Street	2.80	0.084
	<b>TOTAL</b>	<b>95.80</b>	<b>7.815</b>

Total (24-hour) Precipitation (in) = 1.88

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
SEPTEMBER 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	-	-
004	Rebecca Street	23.70	0.816
005	Erie Street	-	0.003
006	Ann Street	6.10	0.018
007	Dale Street	-	-
008	Perry Street	20.50	0.206
009	Windsor Street	5.90	0.086
010	Morgan Alley	6.90	0.298
012	Fourth Avenue	-	-
013	Fifth Avenue	28.80	0.965
014	Sixth Avenue	24.70	1.542
015	Seventh Avenue	2.00	0.007
018	Ninth Avenue (017 combined with 018)	22.20	0.682
020	Eleventh Avenue	8.30	1.262
021	Twelfth Avenue	26.80	3.428
022	Thirteenth Avenue	22.30	1.470
023	Twenty-Eighth Avenue	4.80	0.007
024	Eden Park Boulevard	18.60	0.428
025	Walnut Street	6.20	0.195
026	Walnut Street	26.60	1.013
027	Huey Street	8.30	0.148
028	Martin Street	9.60	0.447
029	Center Street	0.60	0.002
030	Evans Avenue	6.00	0.192
031	White Street	29.40	2.420
032	Cliff Street	32.00	8.378
033	Cliff Street	6.20	0.179
	<b>TOTAL</b>	<b>346.50</b>	<b>24.193</b>

Total (24-hour) Precipitation (in) = 4.02

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
OCTOBER 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	13.80	0.229
004	Rebecca Street	19.40	0.883
005	Erie Street	0.30	0.003
006	Ann Street	1.90	0.011
007	Dale Street	0.60	0.003
008	Perry Street	11.40	0.151
009	Windsor Street	3.90	0.064
010	Morgan Alley	5.40	0.268
012	Fourth Avenue	2.10	0.085
013	Fifth Avenue	18.10	0.118
014	Sixth Avenue	4.30	0.143
015	Seventh Avenue	2.10	0.014
018	Ninth Avenue (017 combined with 018)	6.30	0.271
020	Eleventh Avenue	0.30	0.001
021	Twelfth Avenue	14.80	1.328
022	Thirteenth Avenue	6.60	0.376
023	Twenty-Eighth Avenue	2.40	0.005
024	Eden Park Boulevard	21.90	1.156
025	Walnut Street	24.60	0.187
026	Walnut Street	19.70	0.733
027	Huey Street	33.70	0.154
028	Martin Street	4.10	0.350
029	Center Street	0.30	0.003
030	Evans Avenue	3.10	0.140
031	White Street	27.40	2.011
032	Cliff Street	32.40	3.514
033	Cliff Street	4.40	0.084
	<b>TOTAL</b>	<b>285.30</b>	<b>12.285</b>

Total (24-hour) Precipitation (in) = 3.18



**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
NOVEMBER 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	-	-
004	Rebecca Street	9.10	0.135
005	Erie Street	0.30	0.001
006	Ann Street	1.10	0.002
007	Dale Street	0.60	0.003
008	Perry Street	5.40	0.031
009	Windsor Street	2.30	0.033
010	Morgan Alley	2.80	0.050
012	Fourth Avenue	0.60	0.005
013	Fifth Avenue	10.50	0.048
014	Sixth Avenue	1.30	0.016
015	Seventh Avenue	1.40	0.004
018	Ninth Avenue (017 combined with 018)	2.10	0.077
020	Eleventh Avenue	-	-
021	Twelfth Avenue	5.10	0.390
022	Thirteenth Avenue	3.30	0.188
023	Twenty-Eighth Avenue	0.30	0.000
024	Eden Park Boulevard	4.10	0.154
025	Walnut Street	0.30	0.002
026	Walnut Street	2.60	0.164
027	Huey Street	0.80	0.006
028	Martin Street	3.60	0.058
029	Center Street	0.30	0.001
030	Evans Avenue	1.10	0.079
031	White Street	13.70	0.885
032	Cliff Street	14.30	1.999
033	Cliff Street	0.80	0.012
	<b>TOTAL</b>	<b>87.80</b>	<b>4.344</b>

Total (24-hour) Precipitation (in) = 1.86

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
COMBINED SEWER OVERFLOWS  
DECEMBER 2015**

<b>Outfall</b>	<b>Location</b>	<b>Total Overflow Duration (hours)</b>	<b>Total Overflow (MG)</b>
003	Long Run Pump Station	-	-
004	Rebecca Street	40.90	0.361
005	Erie Street	-	-
006	Ann Street	7.70	0.012
007	Dale Street	-	-
008	Perry Street	11.60	0.051
009	Windsor Street	7.10	0.006
010	Morgan Alley	8.50	0.091
012	Fourth Avenue	-	-
013	Fifth Avenue	9.80	0.016
014	Sixth Avenue	2.30	0.025
015	Seventh Avenue	5.20	0.019
018	Ninth Avenue (017 combined with 018)	12.00	0.454
020	Eleventh Avenue	-	-
021	Twelfth Avenue	35.70	2.085
022	Thirteenth Avenue	21.40	1.182
023	Twenty-Eighth Avenue	1.40	0.002
024	Eden Park Boulevard	20.70	0.531
025	Walnut Street	3.00	0.033
026	Walnut Street	14.50	0.625
027	Huey Street	0.80	0.007
028	Martin Street	12.40	0.145
029	Center Street	11.40	0.051
030	Evans Avenue	5.50	0.046
031	White Street	78.10	4.012
032	Cliff Street	70.70	10.926
033	Cliff Street	3.90	0.019
	<b>TOTAL</b>	<b>384.60</b>	<b>20.700</b>

Total (24-hour) Precipitation (in) = 3.76

**MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT  
TOTAL MONTHLY OVERFLOWS (MG) - 2015**

<b>Outfall</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>December</b>	<b>Total (MG)</b>
<b>003</b>	0.038	0.851	0.888	0.891	1.957	1.684	0.010	0.761			0.039	0.551	<b>7.670</b>
<b>004</b>	0.072	0.168	0.911	0.571	0.806	1.400	0.186	0.261	0.008	0.271	0.208	0.484	<b>5.346</b>
<b>005</b>			0.006	0.008	0.008	0.126	0.104	0.041		0.003	0.006	0.014	<b>0.316</b>
<b>006</b>	0.008	0.008	0.019	0.035	0.150	0.135	0.001	0.062		0.005	0.008	0.009	<b>0.440</b>
<b>007</b>	0.000	0.002	0.006	0.007	0.031	0.127	0.075	0.048		0.008	0.006	0.026	<b>0.337</b>
<b>008</b>	0.043	0.020	0.029	0.013	0.074	0.228	0.127	0.579		0.081	0.017	0.006	<b>1.217</b>
<b>009</b>	0.020	0.022	0.037	0.395	0.274	0.227	0.130	0.424	0.099	0.057	0.025	0.119	<b>1.829</b>
<b>010</b>	0.001	0.015	0.009	0.003	0.066	0.191	0.165	0.744	0.000	0.066	0.024	0.118	<b>1.403</b>
<b>012</b>	0.085	0.149	0.187	0.009	0.381	0.212	0.029	0.099		0.113	0.020	0.085	<b>1.369</b>
<b>013</b>	0.007	1.311	0.034	0.025	2.579	0.061	0.253	0.062		0.404	0.065	0.203	<b>5.004</b>
<b>014</b>	0.335	2.267	1.180	0.440	1.553	0.844	0.233	0.791		0.268	0.024	0.215	<b>8.150</b>
<b>015</b>	0.042	0.243	0.330	0.113	0.506	0.601	0.113	0.532		0.091	0.019	0.095	<b>2.685</b>
<b>018</b>	0.970	7.788	5.177	1.044	4.829	1.838	0.306	1.007		0.248	0.118	0.302	<b>23.627</b>
<b>020</b>	0.030	0.322	0.198	0.055	0.479	0.205	0.061	0.166		0.027	0.021	0.207	<b>1.771</b>
<b>021</b>	0.053	0.093	0.419	0.475	0.400	0.306	0.196	0.917		1.289	0.436	2.650	<b>7.234</b>
<b>022</b>	0.094	0.101	0.321	0.407	0.746	0.472	1.102	3.456		0.853	1.101	2.463	<b>11.116</b>
<b>023</b>	0.006	0.092	0.074	0.137	1.661	0.706	0.048	0.855		0.004	0.013	0.042	<b>3.639</b>
<b>024</b>	2.747	13.058	6.315	0.885	3.164	1.344	1.034	2.213	0.347	1.707	0.153	0.200	<b>33.167</b>
<b>025</b>	0.045	0.062	0.166	0.308	0.061	0.127	0.131	0.254		0.010	0.092	0.113	<b>1.369</b>
<b>026</b>	0.006	0.040	0.032	0.298	0.759	1.673	0.243	1.538		0.230	0.422	0.425	<b>5.667</b>
<b>027</b>	0.005	0.014	0.021	0.096	0.704	0.724	0.044	0.137		0.020	0.000	0.004	<b>1.770</b>
<b>028</b>	0.055	0.183	0.139	0.390	0.853	1.013	0.496	0.806		0.150	0.075	0.144	<b>4.304</b>
<b>029</b>	0.022	0.001	0.047	0.274	0.083	0.251	0.141	0.288	0.001	0.073	0.010	0.082	<b>1.273</b>
<b>030</b>	0.025	0.259	0.067	0.122	0.217	0.610	0.158	0.668		0.095	0.052	0.127	<b>2.401</b>
<b>031</b>	0.344	0.504	0.790	1.251	1.884	1.585	1.061	3.995	0.001	0.970	0.990	0.283	<b>13.658</b>
<b>032</b>	3.634	20.623	4.155	14.963	13.953	7.520	3.538	9.644		2.178	2.440	5.941	<b>88.589</b>
<b>033</b>	0.007	0.144	0.056	0.193	0.503	0.359	0.050	0.533		0.037	0.047	0.042	<b>1.972</b>
<b>Total</b>	<b>8.695</b>	<b>48.341</b>	<b>21.613</b>	<b>23.408</b>	<b>38.682</b>	<b>24.570</b>	<b>10.036</b>	<b>30.882</b>	<b>0.457</b>	<b>9.258</b>	<b>6.432</b>	<b>14.952</b>	<b>237.323</b>



MUNICIPAL AUTHORITY OF THE CITY OF MCKESSPORT  
ANNUAL CSO STATUS REPORT  
September 2011

Receptor	Regulator Inspection		Date of Wet Weather Discharge
	Number of Inspections	Discharge & Maintenance Date Found & Corrected	
040	5		N/A
041	5		9/11/11
045	5		7/26/11, 9/1/11
046	4		8/11/11, 8/24/11
047	5		7/21/11
049	11		1/16, 1/18, 1/24, 2/1, 2/8, 2/15, 2/22, 2/29, 3/7, 3/14, 3/21
049	6		1/27
049	4		1/28
052	1		8/2/11
053	4		8/2
053	7		8/2
053	4		8/2
053	4		8/2
053	4		8/2
053	5		8/2
053	7		8/2
053	8		8/2
053	9		8/2
053	10		8/2
053	11		8/2
053	12		8/2
053	13		8/2
053	14		8/2
053	15		8/2
053	16		8/2
053	17		8/2
053	18		8/2
053	19		8/2
053	20		8/2
053	21		8/2
053	22		8/2
053	23		8/2
053	24		8/2
053	25		8/2
053	26		8/2
053	27		8/2
053	28		8/2
053	29		8/2
053	30		8/2
053	31		8/2
053	32		8/2
053	33		8/2
053	34		8/2
053	35		8/2
053	36		8/2
053	37		8/2
053	38		8/2
053	39		8/2
053	40		8/2
053	41		8/2
053	42		8/2
053	43		8/2
053	44		8/2
053	45		8/2
053	46		8/2
053	47		8/2
053	48		8/2
053	49		8/2
053	50		8/2
053	51		8/2
053	52		8/2
053	53		8/2
053	54		8/2
053	55		8/2
053	56		8/2
053	57		8/2
053	58		8/2
053	59		8/2
053	60		8/2
053	61		8/2
053	62		8/2
053	63		8/2
053	64		8/2
053	65		8/2
053	66		8/2
053	67		8/2
053	68		8/2
053	69		8/2
053	70		8/2
053	71		8/2
053	72		8/2
053	73		8/2
053	74		8/2
053	75		8/2
053	76		8/2
053	77		8/2
053	78		8/2
053	79		8/2
053	80		8/2
053	81		8/2
053	82		8/2
053	83		8/2
053	84		8/2
053	85		8/2
053	86		8/2
053	87		8/2
053	88		8/2
053	89		8/2
053	90		8/2
053	91		8/2
053	92		8/2
053	93		8/2
053	94		8/2
053	95		8/2
053	96		8/2
053	97		8/2
053	98		8/2
053	99		8/2
053	100		8/2

MUNICIPAL AUTHORITY OF THE CITY OF MCKESSPORT  
ANNUAL CSO STATUS REPORT  
October 2011

Receptor	Regulator Inspection		Date of Wet Weather Discharge
	Number of Inspections	Discharge & Maintenance Date Found & Corrected	
051	3		7/1
051	4		7/1
051	5		7/1
051	6		7/1
051	7		7/1
051	8		7/1
051	9		7/1
051	10		7/1
051	11		7/1
051	12		7/1
051	13		7/1
051	14		7/1
051	15		7/1
051	16		7/1
051	17		7/1
051	18		7/1
051	19		7/1
051	20		7/1
051	21		7/1
051	22		7/1
051	23		7/1
051	24		7/1
051	25		7/1
051	26		7/1
051	27		7/1
051	28		7/1
051	29		7/1
051	30		7/1
051	31		7/1
051	32		7/1
051	33		7/1
051	34		7/1
051	35		7/1
051	36		7/1
051	37		7/1
051	38		7/1
051	39		7/1
051	40		7/1
051	41		7/1
051	42		7/1
051	43		7/1
051	44		7/1
051	45		7/1
051	46		7/1
051	47		7/1
051	48		7/1
051	49		7/1
051	50		7/1
051	51		7/1
051	52		7/1
051	53		7/1
051	54		7/1
051	55		7/1
051	56		7/1
051	57		7/1
051	58		7/1
051	59		7/1
051	60		7/1
051	61		7/1
051	62		7/1
051	63		7/1
051	64		7/1
051	65		7/1
051	66		7/1
051	67		7/1
051	68		7/1
051	69		7/1
051	70		7/1
051	71		7/1
051	72		7/1
051	73		7/1
051	74		7/1
051	75		7/1
051	76		7/1
051	77		7/1
051	78		7/1
051	79		7/1
051	80		7/1
051	81		7/1
051	82		7/1
051	83		7/1
051	84		7/1
051	85		7/1
051	86		7/1
051	87		7/1
051	88		7/1
051	89		7/1
051	90		7/1
051	91		7/1
051	92		7/1
051	93		7/1
051	94		7/1
051	95		7/1
051	96		7/1
051	97		7/1
051	98		7/1
051	99		7/1
051	100		7/1

MUNICIPAL AUTHORITY OF THE CITY OF MCKESSPORT  
ANNUAL CSO STATUS REPORT  
November 2011

Receptor	Regulator Inspection		Date of Wet Weather Discharge
	Number of Inspections	Discharge & Maintenance Date Found & Corrected	
001	1		
001	2		7/11/11, 7/29
001	3		7/11/11, 7/29
001	4		7/11/11, 7/29
001	5		7/11/11, 7/29
001	6		7/11/11, 7/29
001	7		7/11/11, 7/29
001	8		7/11/11, 7/29
001	9		7/11/11, 7/29
001	10		7/11/11, 7/29
001	11		7/11/11, 7/29
001	12		7/11/11, 7/29
001	13		7/11/11, 7/29
001	14		7/11/11, 7/29
001	15		7/11/11, 7/29
001	16		7/11/11, 7/29
001	17		7/11/11, 7/29
001	18		7/11/11, 7/29
001	19		7/11/11, 7/29
001	20		7/11/11, 7/29
001	21		7/11/11, 7/29
001	22		7/11/11, 7/29
001	23		7/11/11, 7/29
001	24		7/11/11, 7/29
001	25		7/11/11, 7/29
001	26		7/11/11, 7/29
001	27		7/11/11, 7/29
001	28		7/11/11, 7/29
001	29		7/11/11, 7/29
001	30		7/11/11, 7/29
001	31		7/11/11, 7/29
001	32		7/11/11, 7/29
001	33		7/11/11, 7/29
001	34		7/11/11, 7/29
001	35		7/11/11, 7/29
001	36		7/11/11, 7/29
001	37		7/11/11, 7/29
001	38		7/11/11, 7/29
001	39		7/11/11, 7/29
001	40		7/11/11, 7/29
001	41		7/11/11, 7/29
001	42		7/11/11, 7/29
001	43		7/11/11, 7/29
001	44		7/11/11, 7/29
001	45		7/11/11, 7/29
001	46		7/11/11, 7/29
001	47		7/11/11, 7/29
001	48		7/11/11, 7/29
001	49		7/11/11, 7/29
001	50		7/11/11, 7/29
001	51		7/11/11, 7/29
001	52		7/11/11, 7/29
001	53		7/11/11, 7/29
001	54		7/11/11, 7/29
001	55		7/11/11, 7/29
001	56		7/11/11, 7/29
001	57		7/11/11, 7/29
001	58		7/11/11, 7/29
001	59		7/11/11, 7/29
001	60		7/11/11, 7/29
001	61		7/11/11, 7/29
001	62		7/11/11, 7/29
001	63		7/11/11, 7/29
001	64		7/11/11, 7/29
001	65		7/11/11, 7/29
001	66		7/11/11, 7/29
001	67		7/11/11, 7/29
001	68		7/11/11, 7/29
001	69		7/11/11, 7/29
001	70		7/11/11, 7/29
001	71		7/11/11, 7/29
001	72		7/11/11, 7/29
001	73		7/11/11, 7/29
001	74		7/11/11, 7/29
001	75		7/11/11, 7/29
001	76		7/11/11, 7/29
001	77		7/11/11, 7/29
001	78		7/11/11, 7/29
001	79		7/11/11, 7/29
001	80		7/11/11, 7/29
001	81		7/11/11, 7/29
001	82		7/11/11, 7/29
001	83		7/11/11, 7/29
001	84		7/11/11, 7/29
001	85		7/11/11, 7/29
001	86		7/11/11, 7/29
001	87		7/11/11, 7/29
001	88		7/11/11, 7/29
001	89		7/11/11, 7/29
001	90		7/11/11, 7/29
001	91		7/11/11, 7/29
001	92		7/11/11, 7/29
001	93		7/11/11, 7/29
001	94		7/11/11, 7/29
001	95		7/11/11, 7/29
001	96		7/11/11, 7/29
001	97		7/11/11, 7/29
001	98		7/11/11, 7/29
001	99		7/11/11, 7/29
001	100		7/11/11, 7/29

MUNICIPAL AUTHORITY OF THE CITY OF MCKESSPORT  
ANNUAL CSO STATUS REPORT  
December 2011

Receptor	Regulator Inspection		Date of Wet Weather Discharge
	Number of Inspections	Discharge & Maintenance Date Found & Corrected	
021	1		8/2
024	4		8/2, 8/27/11
025	1		8/2
026	1		8/2
027	1		8/2
028	1		8/2
029	1		8/2, 8/27/11
030	1		8/2, 8/27/11
031	1		8/2
032	1		8/2
033	1		8/2
034	1		8/2
035	1		8/2
036	1		8/2
037	1		8/2
038	1		8/2
039	1		8/2
040	1		8/2
041	1		8/2
042	1		8/2
043	1		8/2
044	1		

### CONFINED SPACE ENTRY REPORT

EMERGENCY # 311

DATE 6-16-15

1. Identify the confined space: #024 EDEN PARK
2. Purpose of entry: REMOVE TABLES (WOOD PLANK)
3. Time of entry: 10:43 AM
4. State name of entrant(s): Justin Kaminsky
5. State name of attendant(s): Mark Hammett
6. Date the portable meter was last calibrated: 5-25-15
7. Meter readings: O<sub>2</sub> 20.9 CO 0.0 H<sub>2</sub>S 0.0  
Acceptable limits: O<sub>2</sub> 19.5 to 22.5 CO 0.1 H<sub>2</sub>S 0.1
8. Safety harness used? YES
9. Ventilation required? \_\_\_\_\_
10. Lock out/tag out required? \_\_\_\_\_
11. Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
12. Signature: Mark Hammett

### CONFINED SPACE ENTRY REPORT

EMERGENCY # 311

DATE 6-16-15

1. Identify the confined space: #1004 OVERLAND (DECK)
2. Purpose of entry: CLEAN SCREEN (BAD)
3. Time of entry: 10:58 AM
4. State name of entrant(s): JUSTIN KAMINSKY
5. State name of attendant(s): MARK HAMMETT
6. Date the portable meter was last calibrated: 5-25-15
7. Meter readings: O<sub>2</sub> 20.8 CO 0.0 H<sub>2</sub>S 0.0  
Acceptable limits: O<sub>2</sub> 19.5 to 22.5 CO 0.1 H<sub>2</sub>S 0.1
8. Safety harness used? NO GAFI DECK
9. Ventilation required? \_\_\_\_\_
10. Lock out/tag out required? \_\_\_\_\_
11. Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
12. Signature: Mark Hammett

### CONFINED SPACE ENTRY REPORT

EMERGENCY # 311

DATE 7-1-15

1. Identify the confined space: #053 CLIFF 18" GATE
2. Purpose of entry: UNCLOGGED GATE / STOPPED CREEPER
3. Time of entry: 7:20 AM
4. State name of entrant(s): Eric Joth
5. State name of attendant(s): Mark Hammett
6. Date the portable meter was last calibrated: 6-20-15
7. Meter readings: O<sub>2</sub> 20.9 CO 0.0 H<sub>2</sub>S 0.0  
Acceptable limits: O<sub>2</sub> 19.5 to 22.5 CO 0.1 H<sub>2</sub>S 0.1
8. Safety harness used? YES
9. Ventilation required? \_\_\_\_\_
10. Lock out/tag out required? \_\_\_\_\_
11. Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
12. Signature: Mark Hammett

### CONFINED SPACE ENTRY REPORT

EMERGENCY # 311

DATE 7-2-15

1. Identify the confined space: #024 Eden Park Gate
2. Purpose of entry: UNCLOG GATE / STOPPED CREEPER
3. Time of entry: 1:00 PM
4. State name of entrant(s): Mark Hammett
5. State name of attendant(s): Eric Joth
6. Date the portable meter was last calibrated: 6-20-15
7. Meter readings: O<sub>2</sub> 20.9 CO 0.0 H<sub>2</sub>S 0.0  
Acceptable limits: O<sub>2</sub> 19.5 to 22.5 CO 0.1 H<sub>2</sub>S 0.1
8. Safety harness used? YES
9. Ventilation required? \_\_\_\_\_
10. Lock out/tag out required? \_\_\_\_\_
11. Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
12. Signature: Mark Hammett

### CONFINED SPACE ENTRY REPORT

EMERGENCY # 011

DATE 8-13-15

1. Identify the confined space: Perry #209
  2. Purpose of entry: Check Curb
  3. Time of entry: 1:15 pm
  4. State name of entrant(s): Eric Todd
  5. State name of attendant(s): Mark Hammonstrom
  6. Date the portable meter was last calibrated: 7-25-15
  7. Meter readings: O<sub>2</sub> 20.9 % LEL -0 H<sub>2</sub>S -0  
Acceptable limits: O<sub>2</sub> 19.5 to 22.5 % LEL 0.1 H<sub>2</sub>S 0.1
  8. Safety harness used? Yes
  9. Ventilation required? NO
  10. Lock out/tag out required? NO
  11. Comments: NO OVERFLOW
12. Signature: Mark Hammonstrom

### CONFINED SPACE ENTRY REPORT

EMERGENCY # 011

DATE 9-14-15

1. Identify the confined space: AS MANURE VALVE (PERRY ROAD)
  2. Purpose of entry: UNBLOCKED OUTLET TO PLOTS
  3. Time of entry: 1:45 pm
  4. State name of entrant(s): Mark Hammonstrom
  5. State name of attendant(s): Eric Todd / J. Kaminsky
  6. Date the portable meter was last calibrated: 8/15/15
  7. Meter readings: O<sub>2</sub> 20.9 % LEL -0 H<sub>2</sub>S -0  
Acceptable limits: O<sub>2</sub> 19.5 to 22.5 % LEL 0.1 H<sub>2</sub>S 0.1
  8. Safety harness used? Yes
  9. Ventilation required? NO
  10. Lock out/tag out required? NO
  11. Comments: HAZED DRAINED OK
12. Signature: Mark Hammonstrom

### CONFINED SPACE ENTRY REPORT

EMERGENCY # 011

DATE 10-1-15

1. Identify the confined space: HC30 O25 (arrow to register)
  2. Purpose of entry: Check OVERFLOW
  3. Time of entry: 1:30 pm
  4. State name of entrant(s): Mark Hammonstrom
  5. State name of attendant(s): Eric Todd
  6. Date the portable meter was last calibrated: 9-30-15
  7. Meter readings: O<sub>2</sub> 20.9 % LEL -0 H<sub>2</sub>S -0  
Acceptable limits: O<sub>2</sub> 19.5 to 22.5 % LEL 0.1 H<sub>2</sub>S 0.1
  8. Safety harness used? Yes
  9. Ventilation required? NO
  10. Lock out/tag out required? NO
  11. Comments: Tellog Meter Can't to Call OUT. FLOW A LITTLE HIGH. SLIGHT OVERFLOW; CLEANED SENSOR AND SENSOR. Some WATER ON sensor -> OK  
MH
12. Signature: Mark Hammonstrom

### CONFINED SPACE ENTRY REPORT

EMERGENCY # 011

DATE 11-3-15

1. Identify the confined space: #029 ELEC MTR
  2. Purpose of entry: CHANGED SENSOR
  3. Time of entry: 10:00 AM
  4. State name of entrant(s): ERIC TODD
  5. State name of attendant(s): Mark Hammonstrom
  6. Date the portable meter was last calibrated: 10/30/15
  7. Meter readings: O<sub>2</sub> 20.9 % LEL 0 H<sub>2</sub>S 0  
Acceptable limits: O<sub>2</sub> 19.5 to 22.5 % LEL 0.1 H<sub>2</sub>S 0.1
  8. Safety harness used? Yes
  9. Ventilation required? NO
  10. Lock out/tag out required? NO
  11. Comments: NO
12. Signature: Mark Hammonstrom

# CONFINED SPACE ENTRY REPORT

EMERGENCY # 911

DATE 11-30-15

- Identify the confined space: #1 025 Walnut St
- Purpose of entry: Clean Screen
- Time of entry: 1:45pm
- Name of entrant(s): Justin Kaminsky
- Name of attendant(s): E. Schuff / Mark Hammett
- Date the portable meter was last calibrated: \_\_\_\_\_
- Meter readings: O<sub>2</sub> 20.9 % LEL 0.0 H<sub>2</sub>S 0.0  
Acceptable limits: O<sub>2</sub> 19.5 to 23.5 % LEL 0.1 H<sub>2</sub>S 0.1
- Safety harness used? YES
- Ventilation required? \_\_\_\_\_
- Lock out/tag out required? \_\_\_\_\_
- Comments: \_\_\_\_\_

12 Signature: Mark Hammett

# CONFINED SPACE ENTRY REPORT

EMERGENCY # 911

DATE 12-15-15

- Identify the confined space: 11008 Ferry
- Purpose of entry: KNOWLEDGE GIVE AND INTERVIEW
- Time of entry: 10:15am
- Name of entrant(s): MARK HAMMESTRONG / JUSTIN KAMINSKY
- Name of attendant(s): CHRISTIN KAMINSKY / MARK HAMMESTRONG
- Date the portable meter was last calibrated: 11-30-15
- Meter readings: O<sub>2</sub> 20.9 % LEL 0.0 H<sub>2</sub>S 0.0  
Acceptable limits: O<sub>2</sub> 19.5 to 23.5 % LEL 0.1 H<sub>2</sub>S 0.1
- Safety harness used? YES
- Ventilation required? \_\_\_\_\_
- Lock out/tag out required? \_\_\_\_\_
- Comments: GATE AND LINE Clogged WITH LEAVES AND A PLASTIC BAG

12 Signature: Mark Hammett

**Alpharetta Creek Water Treatment Plant**  
 150 Peachtree Industrial Blvd  
 Atlanta, GA 30329  
 Phone: 404-252-3333 Fax: 404-252-3333

DATE OF OCCURRENCE: BEGIN 2-18-15 END 2-19-15

LOCATION OF OVERFLOW: EDEN PARK

ANY PREVIOUS OVERFLOWS AT THIS LOCATION? YES

ESTIMATED TOTAL VOLUME RELEASED: 206,000 GAL LINES

CAUSE OF OVERFLOW: FROZEN PIPES (OUTSIDE)

REPAIRS TO BE MADE TO PREVENT RECURRENT OVERFLOW: REPLACE WITH FLEXIBLE HOSES

REPORT MADE TO DEP. WHICH PERFORMS MAINTENANCE ON THIS SYSTEM: OUTSIDE OPERATOR

DATE: Feb 20th 2015 TIME: 12:30pm

PERSON COMPLETING FORM: CHUCK SCHULTZ PHONE NUMBER: 412-675-9701

**Alpharetta Creek Water Treatment Plant**  
 150 Peachtree Industrial Blvd  
 Atlanta, GA 30329  
 Phone: 404-252-3333 Fax: 404-252-3333

DATE OF OCCURRENCE: BEGIN 4-17-15 END 4-17-15

LOCATION OF OVERFLOW: WATER TOWER

ANY PREVIOUS OVERFLOWS AT THIS LOCATION? YES

ESTIMATED TOTAL VOLUME RELEASED: 135,826 GAL LINES

CAUSE OF OVERFLOW: Power failure Pumps failed

REPAIRS TO BE MADE TO PREVENT RECURRENT OVERFLOW: pumps reset

REPORT MADE TO DEP. WHICH PERFORMS MAINTENANCE ON THIS SYSTEM: \_\_\_\_\_

DATE: 4-17-15 TIME: 3:30pm

PERSON COMPLETING FORM: Chuck Schultz PHONE NUMBER: 412-675-9701



DATE OF OCCURRENCE BEGIN 7/29/05 END 7/29/05		TIME OF OCCURRENCE BEGIN 4:00 PM END 7:30 PM	
LOCATION OF OVERFLOW 1000 Park Avenue 1000 Park Avenue		ESTIMATED DURATION OF OVERFLOW 5 HOURS	
ESTIMATED TOTAL VOLUME RELEASED 25,000 GALLONS		RESTRICTIONS TO DEPT none	
SPECIFIC RECEIVING WATERS Sewer main			
WET OR DRY CONDITIONS Dry		CAUSE OF OVERFLOW Backflow from a home	
REPORT MADE TO DEPT (date person to be reporting back to dept) DATE 7-31-05 PERSON CONTACTED NAME Jack Tolan TITLE CONTACT PERSON NAME Jack Tolan PHONE NUMBER 224 493 431			

DATE OF OCCURRENCE BEGIN 7/27/05 END 7/27/05		TIME OF OCCURRENCE BEGIN 1:15 PM END 1:45 PM	
LOCATION OF OVERFLOW 1000 Park Avenue 1000 Park Avenue		ESTIMATED DURATION OF OVERFLOW 30 MINUTES	
ESTIMATED TOTAL VOLUME RELEASED 2,500 GALLONS		RESTRICTIONS TO DEPT none	
SPECIFIC RECEIVING WATERS Sewer main			
WET OR DRY CONDITIONS Wet		CAUSE OF OVERFLOW Gate was clogged with garbage	
REPORT MADE TO DEPT (date person to be reporting back to dept) DATE 7/28/2005 PERSON CONTACTED NAME Hammerstein & Latta TITLE operator CONTACT PERSON NAME Shulte PHONE NUMBER 724 493 4181			

McKeesport Municipal Authority  
Field Check Sheet

Initial *ST/ML*

Route	Block	Time	Observed	Possible Cause	Source	Comments
000	000		Down (M)	Other Land Use	Classified	Cause of Overflow
001	LANSING ST					
002	RENOVA ST					
003	WYOMING ST					Flood
004	AUSTIN ST					
005	WYOMING ST					OK
006	PLUM ST					OK
007	WYOMING ST					OK
008	WYOMING ST					OK
009	WYOMING ST					OK
010	WYOMING ST					OK
011	WYOMING ST					OK
012	WYOMING ST					OK
013	WYOMING ST					OK
014	WYOMING ST					OK
015	WYOMING ST					OK
016	WYOMING ST					OK
017	WYOMING ST					OK
018	WYOMING ST					OK
019	WYOMING ST					OK
020	WYOMING ST					OK
021	WYOMING ST					OK
022	WYOMING ST					OK
023	WYOMING ST					OK
024	WYOMING ST					OK
025	WYOMING ST					OK
026	WYOMING ST					OK
027	WYOMING ST					OK
028	WYOMING ST					OK
029	WYOMING ST					OK
030	WYOMING ST					OK
031	WYOMING ST					OK
032	WYOMING ST					OK
033	WYOMING ST					OK
034	WYOMING ST					OK
035	WYOMING ST					OK
036	WYOMING ST					OK
037	WYOMING ST					OK
038	WYOMING ST					OK
039	WYOMING ST					OK
040	WYOMING ST					OK

McKeesport Municipal Authority  
Field Check Sheet

Initial *miller*

Route	Block	Time	Observed	Possible Cause	Source	Comments
000	000		Down (M)	Other Land Use	Classified	Cause of Overflow
001	LANSING ST					
002	RENOVA ST					
003	WYOMING ST					
004	AUSTIN ST					
005	WYOMING ST					
006	PLUM ST					
007	WYOMING ST					
008	WYOMING ST					
009	WYOMING ST					
010	WYOMING ST					
011	WYOMING ST					
012	WYOMING ST					
013	WYOMING ST					
014	WYOMING ST					
015	WYOMING ST					
016	WYOMING ST					
017	WYOMING ST					
018	WYOMING ST					
019	WYOMING ST					
020	WYOMING ST					
021	WYOMING ST					
022	WYOMING ST					
023	WYOMING ST					
024	WYOMING ST					
025	WYOMING ST					
026	WYOMING ST					
027	WYOMING ST					
028	WYOMING ST					
029	WYOMING ST					
030	WYOMING ST					
031	WYOMING ST					
032	WYOMING ST					
033	WYOMING ST					
034	WYOMING ST					
035	WYOMING ST					
036	WYOMING ST					
037	WYOMING ST					
038	WYOMING ST					
039	WYOMING ST					
040	WYOMING ST					

Date: 11/15

McKeenport Municipal Authority  
Field Check Sheets

Initial: MLJ/PC

Post	Name	Year	Observed	Possible Road	Source	Checked	Comps or Collected
001	LEONARD ST		Observed (Y/N)	Along Last Year		Checked	
002	LEONARD ST						
003	EXP ST						
004	ASH ST						
005	DAVE ST						
006	FRANK ST						
007	WINDY ST						
008	WINDY ST						
009	WINDY ST						
010	MURRAY ST						
011	ELM ST						
012	ELM ST						
013	ELM ST						
014	ELM ST						
015	ELM ST						
016	ELM ST						
017	ELM ST						
018	ELM ST						
019	ELM ST						
020	ELM ST						
021	ELM ST						
022	ELM ST						
023	ELM ST						
024	ELM ST						
025	ELM ST						
026	ELM ST						
027	ELM ST						
028	ELM ST						
029	ELM ST						
030	ELM ST						
031	ELM ST						
032	ELM ST						
033	ELM ST						
034	ELM ST						
035	ELM ST						
036	ELM ST						
037	ELM ST						
038	ELM ST						
039	ELM ST						
040	ELM ST						
041	ELM ST						
042	ELM ST						
043	ELM ST						
044	ELM ST						
045	ELM ST						
046	ELM ST						
047	ELM ST						
048	ELM ST						
049	ELM ST						
050	ELM ST						

Date: 11/15

McKeenport Municipal Authority  
Field Check Sheets

Initial: MLJ/PC

Post	Name	Year	Observed	Possible Road	Source	Checked	Comps or Collected
001	LEONARD ST		Observed (Y/N)	Along Last Year		Checked	
002	LEONARD ST						
003	EXP ST						
004	ASH ST						
005	DAVE ST						
006	FRANK ST						
007	WINDY ST						
008	WINDY ST						
009	WINDY ST						
010	MURRAY ST						
011	ELM ST						
012	ELM ST						
013	ELM ST						
014	ELM ST						
015	ELM ST						
016	ELM ST						
017	ELM ST						
018	ELM ST						
019	ELM ST						
020	ELM ST						
021	ELM ST						
022	ELM ST						
023	ELM ST						
024	ELM ST						
025	ELM ST						
026	ELM ST						
027	ELM ST						
028	ELM ST						
029	ELM ST						
030	ELM ST						
031	ELM ST						
032	ELM ST						
033	ELM ST						
034	ELM ST						
035	ELM ST						
036	ELM ST						
037	ELM ST						
038	ELM ST						
039	ELM ST						
040	ELM ST						
041	ELM ST						
042	ELM ST						
043	ELM ST						
044	ELM ST						
045	ELM ST						
046	ELM ST						
047	ELM ST						
048	ELM ST						
049	ELM ST						
050	ELM ST						

Date: 11/15

McKeenport Municipal Authority  
Field Check Sheets

Initial: MLJ/PC

Post	Name	Year	Observed	Possible Road	Source	Checked	Comps or Collected
001	LEONARD ST		Observed (Y/N)	Along Last Year		Checked	
002	LEONARD ST						
003	EXP ST						
004	ASH ST						
005	DAVE ST						
006	FRANK ST						
007	WINDY ST						
008	WINDY ST						
009	WINDY ST						
010	MURRAY ST						
011	ELM ST						
012	ELM ST						
013	ELM ST						
014	ELM ST						
015	ELM ST						
016	ELM ST						
017	ELM ST						
018	ELM ST						
019	ELM ST						
020	ELM ST						
021	ELM ST						
022	ELM ST						
023	ELM ST						
024	ELM ST						
025	ELM ST						
026	ELM ST						
027	ELM ST						
028	ELM ST						
029	ELM ST						
030	ELM ST						
031	ELM ST						
032	ELM ST						
033	ELM ST						
034	ELM ST						
035	ELM ST						
036	ELM ST						
037	ELM ST						
038	ELM ST						
039	ELM ST						
040	ELM ST						
041	ELM ST						
042	ELM ST						
043	ELM ST						
044	ELM ST						
045	ELM ST						
046	ELM ST						
047	ELM ST						
048	ELM ST						
049	ELM ST						
050	ELM ST						

Date: 11/15

McKeenport Municipal Authority  
Field Check Sheets

Initial: MLJ/PC

Post	Name	Year	Observed	Possible Road	Source	Checked	Comps or Collected
001	LEONARD ST		Observed (Y/N)	Along Last Year		Checked	
002	LEONARD ST						
003	EXP ST						
004	ASH ST						
005	DAVE ST						
006	FRANK ST						
007	WINDY ST						
008	WINDY ST						
009	WINDY ST						
010	MURRAY ST						
011	ELM ST						
012	ELM ST						
013	ELM ST						
014	ELM ST						
015	ELM ST						
016	ELM ST						
017	ELM ST						
018	ELM ST						
019	ELM ST						
020	ELM ST						
021	ELM ST						
022	ELM ST						
023	ELM ST						
024	ELM ST						
025	ELM ST						
026	ELM ST						
027	ELM ST						
028	ELM ST						
029	ELM ST						
030	ELM ST						
031	ELM ST						
032	ELM ST						
033	ELM ST						
034	ELM ST						
035	ELM ST						
036	ELM ST						
037	ELM ST						
038	ELM ST						
039	ELM ST						
040	ELM ST						
041	ELM ST						
042	ELM ST						
043	ELM ST						
044	ELM ST						
045	ELM ST						
046	ELM ST						
047	ELM ST						
048	ELM ST						
049	ELM ST						
050	ELM ST						

850 - POSSIBLE WIT

Initial: *ml/05*

Sheet	Name	Time	Observed	Possible Event	Notes	Checked	Case or Comments
Sheet	Name	Time	Observed (Y/N)	Possible Event	Notes	Checked	Case or Comments
000	LEWIS ST						
001	BRUNNEN ST						
002	STINE ST						
003	ANN ST						
004	DALE ST						
005	PERRY ST						
006	BRUNNEN ST						
007	BRUNNEN ST						
008	2 <sup>ND</sup> AVE						
009	3 <sup>RD</sup> AVE						
010	4 <sup>TH</sup> AVE						
011	5 <sup>TH</sup> AVE						
012	6 <sup>TH</sup> AVE						
013	7 <sup>TH</sup> AVE						
014	8 <sup>TH</sup> AVE						
015	9 <sup>TH</sup> AVE						
016	10 <sup>TH</sup> AVE						
017	11 <sup>TH</sup> AVE						
018	12 <sup>TH</sup> AVE						
019	13 <sup>TH</sup> AVE						
020	14 <sup>TH</sup> AVE						
021	15 <sup>TH</sup> AVE						
022	16 <sup>TH</sup> AVE						
023	17 <sup>TH</sup> AVE						
024	18 <sup>TH</sup> AVE						
025	19 <sup>TH</sup> AVE						
026	20 <sup>TH</sup> AVE						
027	21 <sup>ST</sup>						
028	22 <sup>ND</sup>						
029	23 <sup>RD</sup>						
030	24 <sup>TH</sup>						
031	25 <sup>TH</sup>						
032	26 <sup>TH</sup>						
033	27 <sup>TH</sup>						
034	28 <sup>TH</sup>						
035	29 <sup>TH</sup>						
036	30 <sup>TH</sup>						
037	31 <sup>ST</sup>						
038	32 <sup>ND</sup>						
039	33 <sup>RD</sup>						
040	34 <sup>TH</sup>						
041	35 <sup>TH</sup>						
042	36 <sup>TH</sup>						
043	37 <sup>TH</sup>						
044	38 <sup>TH</sup>						
045	39 <sup>TH</sup>						
046	40 <sup>TH</sup>						
047	41 <sup>ST</sup>						
048	42 <sup>ND</sup>						
049	43 <sup>RD</sup>						
050	44 <sup>TH</sup>						
051	45 <sup>TH</sup>						
052	46 <sup>TH</sup>						
053	47 <sup>TH</sup>						
054	48 <sup>TH</sup>						
055	49 <sup>TH</sup>						
056	50 <sup>TH</sup>						
057	51 <sup>ST</sup>						
058	52 <sup>ND</sup>						
059	53 <sup>RD</sup>						
060	54 <sup>TH</sup>						
061	55 <sup>TH</sup>						
062	56 <sup>TH</sup>						
063	57 <sup>TH</sup>						
064	58 <sup>TH</sup>						
065	59 <sup>TH</sup>						
066	60 <sup>TH</sup>						
067	61 <sup>ST</sup>						
068	62 <sup>ND</sup>						
069	63 <sup>RD</sup>						
070	64 <sup>TH</sup>						
071	65 <sup>TH</sup>						
072	66 <sup>TH</sup>						
073	67 <sup>TH</sup>						
074	68 <sup>TH</sup>						
075	69 <sup>TH</sup>						
076	70 <sup>TH</sup>						
077	71 <sup>ST</sup>						
078	72 <sup>ND</sup>						
079	73 <sup>RD</sup>						
080	74 <sup>TH</sup>						
081	75 <sup>TH</sup>						
082	76 <sup>TH</sup>						
083	77 <sup>TH</sup>						
084	78 <sup>TH</sup>						
085	79 <sup>TH</sup>						
086	80 <sup>TH</sup>						
087	81 <sup>ST</sup>						
088	82 <sup>ND</sup>						
089	83 <sup>RD</sup>						
090	84 <sup>TH</sup>						
091	85 <sup>TH</sup>						
092	86 <sup>TH</sup>						
093	87 <sup>TH</sup>						
094	88 <sup>TH</sup>						
095	89 <sup>TH</sup>						
096	90 <sup>TH</sup>						
097	91 <sup>ST</sup>						
098	92 <sup>ND</sup>						
099	93 <sup>RD</sup>						
100	94 <sup>TH</sup>						
101	95 <sup>TH</sup>						
102	96 <sup>TH</sup>						
103	97 <sup>TH</sup>						
104	98 <sup>TH</sup>						
105	99 <sup>TH</sup>						
106	100 <sup>TH</sup>						
107	101 <sup>ST</sup>						
108	102 <sup>ND</sup>						
109	103 <sup>RD</sup>						
110	104 <sup>TH</sup>						
111	105 <sup>TH</sup>						
112	106 <sup>TH</sup>						
113	107 <sup>TH</sup>						
114	108 <sup>TH</sup>						
115	109 <sup>TH</sup>						
116	110 <sup>TH</sup>						
117	111 <sup>ST</sup>						
118	112 <sup>ND</sup>						
119	113 <sup>RD</sup>						
120	114 <sup>TH</sup>						
121	115 <sup>TH</sup>						
122	116 <sup>TH</sup>						
123	117 <sup>TH</sup>						
124	118 <sup>TH</sup>						
125	119 <sup>TH</sup>						
126	120 <sup>TH</sup>						
127	121 <sup>ST</sup>						
128	122 <sup>ND</sup>						
129	123 <sup>RD</sup>						
130	124 <sup>TH</sup>						
131	125 <sup>TH</sup>						
132	126 <sup>TH</sup>						
133	127 <sup>TH</sup>						
134	128 <sup>TH</sup>						
135	129 <sup>TH</sup>						
136	130 <sup>TH</sup>						
137	131 <sup>ST</sup>						
138	132 <sup>ND</sup>						
139	133 <sup>RD</sup>						
140	134 <sup>TH</sup>						
141	135 <sup>TH</sup>						
142	136 <sup>TH</sup>						
143	137 <sup>TH</sup>						
144	138 <sup>TH</sup>						
145	139 <sup>TH</sup>						
146	140 <sup>TH</sup>						
147	141 <sup>ST</sup>						
148	142 <sup>ND</sup>						
149	143 <sup>RD</sup>						
150	144 <sup>TH</sup>						
151	145 <sup>TH</sup>						
152	146 <sup>TH</sup>						
153	147 <sup>TH</sup>						
154	148 <sup>TH</sup>						
155	149 <sup>TH</sup>						
156	150 <sup>TH</sup>						
157	151 <sup>ST</sup>						
158	152 <sup>ND</sup>						
159	153 <sup>RD</sup>						
160	154 <sup>TH</sup>						
161	155 <sup>TH</sup>						
162	156 <sup>TH</sup>						
163	157 <sup>TH</sup>						
164	158 <sup>TH</sup>						
165	159 <sup>TH</sup>						
166	160 <sup>TH</sup>						
167	161 <sup>ST</sup>						
168	162 <sup>ND</sup>						
169	163 <sup>RD</sup>						
170	164 <sup>TH</sup>						
171	165 <sup>TH</sup>						
172	166 <sup>TH</sup>						
173	167 <sup>TH</sup>						
174	168 <sup>TH</sup>						
175	169 <sup>TH</sup>						
176	170 <sup>TH</sup>						
177	171 <sup>ST</sup>						
178	172 <sup>ND</sup>						
179	173 <sup>RD</sup>						
180	174 <sup>TH</sup>						
181	175 <sup>TH</sup>						
182	176 <sup>TH</sup>						
183	177 <sup>TH</sup>						
184	178 <sup>TH</sup>						
185	179 <sup>TH</sup>						
186	180 <sup>TH</sup>						
187	181 <sup>ST</sup>						
188	182 <sup>ND</sup>						
189	183 <sup>RD</sup>						
190	184 <sup>TH</sup>						
191	185 <sup>TH</sup>						
192	186 <sup>TH</sup>						
193	187 <sup>TH</sup>						
194	188 <sup>TH</sup>						
195	189 <sup>TH</sup>						
196	190 <sup>TH</sup>						
197	191 <sup>ST</sup>						
198	192 <sup>ND</sup>						
199	193 <sup>RD</sup>						
200	194 <sup>TH</sup>						
201	195 <sup>TH</sup>						
202	196 <sup>TH</sup>						
203	197 <sup>TH</sup>						
204	198 <sup>TH</sup>						
205	199 <sup>TH</sup>						
206	200 <sup>TH</sup>						
207	201 <sup>ST</sup>						
208	202 <sup>ND</sup>						
209	203 <sup>RD</sup>						
210	204 <sup>TH</sup>						
211	205 <sup>TH</sup>						
212	206 <sup>TH</sup>						
213	207 <sup>TH</sup>						
214	208 <sup>TH</sup>						
215	209 <sup>TH</sup>						
216	210 <sup>TH</sup>						
217	211 <sup>ST</sup>						
218	212 <sup>ND</sup>						
219	213 <sup>RD</sup>						
220	214 <sup>TH</sup>						
221	215 <sup>TH</sup>						
222	216 <sup>TH</sup>						
223	217 <sup>TH</sup>						
224	218 <sup>TH</sup>						
225	219 <sup>TH</sup>						
226	220 <sup>TH</sup>						
227	221 <sup>ST</sup>						
228	222 <sup>ND</sup>						
229	223 <sup>RD</sup>						
230	224 <sup>TH</sup>						
231	225 <sup>TH</sup>						
232	226 <sup>TH</sup>						
233	227 <sup>TH</sup>						
234	228 <sup>TH</sup>						
235	229 <sup>TH</sup>						
236	230 <sup>TH</sup>						
237	231 <sup>ST</sup>						
238	232 <sup>ND</sup>						

McKeanport Municipal Authority  
Field Check Sheets

Date: 1/14/01

Initial: [Handwritten]

Post	Name	Type	Observed	Possible Fault	Notes	Comments
000	LANCASTER ST		OverFlow (V)	Blank Lead V-A		Comments
001	LANCASTER ST					
002	LANCASTER ST					
003	LANCASTER ST					
004	LANCASTER ST					
005	LANCASTER ST					
006	LANCASTER ST					
007	LANCASTER ST					
008	LANCASTER ST					
009	LANCASTER ST					
010	LANCASTER ST					
011	LANCASTER ST					
012	LANCASTER ST					
013	LANCASTER ST					
014	LANCASTER ST					
015	LANCASTER ST					
016	LANCASTER ST					
017	LANCASTER ST					
018	LANCASTER ST					
019	LANCASTER ST					
020	LANCASTER ST					
021	LANCASTER ST					
022	LANCASTER ST					
023	LANCASTER ST					
024	LANCASTER ST					
025	LANCASTER ST					
026	LANCASTER ST					
027	LANCASTER ST					
028	LANCASTER ST					
029	LANCASTER ST					
030	LANCASTER ST					

McKeanport Municipal Authority  
Field Check Sheets

Date: 1/14/01

Initial: [Handwritten]

Post	Name	Type	Observed	Possible Fault	Notes	Comments
000	LANCASTER ST		OverFlow (V)	Blank Lead V-A		Comments
001	LANCASTER ST					
002	LANCASTER ST					
003	LANCASTER ST					
004	LANCASTER ST					
005	LANCASTER ST					
006	LANCASTER ST					
007	LANCASTER ST					
008	LANCASTER ST					
009	LANCASTER ST					
010	LANCASTER ST					
011	LANCASTER ST					
012	LANCASTER ST					
013	LANCASTER ST					
014	LANCASTER ST					
015	LANCASTER ST					
016	LANCASTER ST					
017	LANCASTER ST					
018	LANCASTER ST					
019	LANCASTER ST					
020	LANCASTER ST					
021	LANCASTER ST					
022	LANCASTER ST					
023	LANCASTER ST					
024	LANCASTER ST					
025	LANCASTER ST					
026	LANCASTER ST					
027	LANCASTER ST					
028	LANCASTER ST					
029	LANCASTER ST					
030	LANCASTER ST					

McKeanport Municipal Authority  
Field Check Sheets

Date: 1/14/01

Initial: [Handwritten]

Post	Name	Type	Observed	Possible Fault	Notes	Comments
000	LANCASTER ST		OverFlow (V)	Blank Lead V-A		Comments
001	LANCASTER ST					
002	LANCASTER ST					
003	LANCASTER ST					
004	LANCASTER ST					
005	LANCASTER ST					
006	LANCASTER ST					
007	LANCASTER ST					
008	LANCASTER ST					
009	LANCASTER ST					
010	LANCASTER ST					
011	LANCASTER ST					
012	LANCASTER ST					
013	LANCASTER ST					
014	LANCASTER ST					
015	LANCASTER ST					
016	LANCASTER ST					
017	LANCASTER ST					
018	LANCASTER ST					
019	LANCASTER ST					
020	LANCASTER ST					
021	LANCASTER ST					
022	LANCASTER ST					
023	LANCASTER ST					
024	LANCASTER ST					
025	LANCASTER ST					
026	LANCASTER ST					
027	LANCASTER ST					
028	LANCASTER ST					
029	LANCASTER ST					
030	LANCASTER ST					

McKeanport Municipal Authority  
Field Check Sheets

Date: 1/14/01

Initial: [Handwritten]

Post	Name	Type	Observed	Possible Fault	Notes	Comments
000	LANCASTER ST		OverFlow (V)	Blank Lead V-A		Comments
001	LANCASTER ST					
002	LANCASTER ST					
003	LANCASTER ST					
004	LANCASTER ST					
005	LANCASTER ST					
006	LANCASTER ST					
007	LANCASTER ST					
008	LANCASTER ST					
009	LANCASTER ST					
010	LANCASTER ST					
011	LANCASTER ST					
012	LANCASTER ST					
013	LANCASTER ST					
014	LANCASTER ST					
015	LANCASTER ST					
016	LANCASTER ST					
017	LANCASTER ST					
018	LANCASTER ST					
019	LANCASTER ST					
020	LANCASTER ST					
021	LANCASTER ST					
022	LANCASTER ST					
023	LANCASTER ST					
024	LANCASTER ST					
025	LANCASTER ST					
026	LANCASTER ST					
027	LANCASTER ST					
028	LANCASTER ST					
029	LANCASTER ST					
030	LANCASTER ST					

Date: 1/15/15  
 McKeesport Municipal Authority  
 Field Check Sheets  
 Initial: [Signature]

Point	Name	Time	Checked Overline (Y/N)	Possible Error Other Land Use	Screen	Screen or Contour
001	LONGVIEW ST				Checked	
002	SPRING ST					
003	ANN ST					
004	DAVE ST					
005	FRANK ST					
006	WINDY ST					
007	WINDY ST					
008	WINDY ST					
009	WINDY ST					
010	WINDY ST					
011	WINDY ST					
012	WINDY ST					
013	WINDY ST					
014	WINDY ST					
015	WINDY ST					
016	WINDY ST					
017	WINDY ST					
018	WINDY ST					
019	WINDY ST					
020	WINDY ST					
021	WINDY ST					
022	WINDY ST					
023	WINDY ST					
024	WINDY ST					
025	WINDY ST					
026	WINDY ST					
027	WINDY ST					
028	WINDY ST					
029	WINDY ST					
030	WINDY ST					
031	WINDY ST					
032	WINDY ST					
033	WINDY ST					
034	WINDY ST					
035	WINDY ST					
036	WINDY ST					
037	WINDY ST					
038	WINDY ST					
039	WINDY ST					
040	WINDY ST					
041	WINDY ST					
042	WINDY ST					
043	WINDY ST					
044	WINDY ST					
045	WINDY ST					
046	WINDY ST					
047	WINDY ST					
048	WINDY ST					
049	WINDY ST					
050	WINDY ST					

Date: 2/15/15  
 McKeesport Municipal Authority  
 Field Check Sheets  
 Initial: [Signature]

Point	Name	Time	Checked Overline (Y/N)	Possible Error Other Land Use	Screen	Screen or Contour
001	LONGVIEW ST					
002	SPRING ST					
003	ANN ST					
004	DAVE ST					
005	FRANK ST					
006	WINDY ST					
007	WINDY ST					
008	WINDY ST					
009	WINDY ST					
010	WINDY ST					
011	WINDY ST					
012	WINDY ST					
013	WINDY ST					
014	WINDY ST					
015	WINDY ST					
016	WINDY ST					
017	WINDY ST					
018	WINDY ST					
019	WINDY ST					
020	WINDY ST					
021	WINDY ST					
022	WINDY ST					
023	WINDY ST					
024	WINDY ST					
025	WINDY ST					
026	WINDY ST					
027	WINDY ST					
028	WINDY ST					
029	WINDY ST					
030	WINDY ST					
031	WINDY ST					
032	WINDY ST					
033	WINDY ST					
034	WINDY ST					
035	WINDY ST					
036	WINDY ST					
037	WINDY ST					
038	WINDY ST					
039	WINDY ST					
040	WINDY ST					
041	WINDY ST					
042	WINDY ST					
043	WINDY ST					
044	WINDY ST					
045	WINDY ST					
046	WINDY ST					
047	WINDY ST					
048	WINDY ST					
049	WINDY ST					
050	WINDY ST					

Date: 2/2/15  
 McKeesport Municipal Authority  
 Field Check Sheets  
 Initial: [Signature]

Point	Name	Time	Checked Overline (Y/N)	Possible Error Other Land Use	Screen	Screen or Contour
001	LONGVIEW ST	8:48			Checked	
002	SPRING ST	11:31				
003	ANN ST	11:38				
004	DAVE ST	11:40				
005	FRANK ST	11:42				
006	WINDY ST	11:44				
007	WINDY ST	11:46				
008	WINDY ST	11:48				
009	WINDY ST	11:50				
010	WINDY ST	11:52				
011	WINDY ST	11:54				
012	WINDY ST	11:56				
013	WINDY ST	11:58				
014	WINDY ST	12:00				
015	WINDY ST	12:02				
016	WINDY ST	12:04				
017	WINDY ST	12:06				
018	WINDY ST	12:08				
019	WINDY ST	12:10				
020	WINDY ST	12:12				
021	WINDY ST	12:14				
022	WINDY ST	12:16				
023	WINDY ST	12:18				
024	WINDY ST	12:20				
025	WINDY ST	12:22				
026	WINDY ST	12:24				
027	WINDY ST	12:26				
028	WINDY ST	12:28				
029	WINDY ST	12:30				
030	WINDY ST	12:32				
031	WINDY ST	12:34				
032	WINDY ST	12:36				
033	WINDY ST	12:38				
034	WINDY ST	12:40				
035	WINDY ST	12:42				
036	WINDY ST	12:44				
037	WINDY ST	12:46				
038	WINDY ST	12:48				
039	WINDY ST	12:50				
040	WINDY ST	12:52				
041	WINDY ST	12:54				
042	WINDY ST	12:56				
043	WINDY ST	12:58				
044	WINDY ST	13:00				
045	WINDY ST	13:02				
046	WINDY ST	13:04				
047	WINDY ST	13:06				
048	WINDY ST	13:08				
049	WINDY ST	13:10				
050	WINDY ST	13:12				

Date: 2/3/15  
 McKeesport Municipal Authority  
 Field Check Sheets  
 Initial: [Signature]

Point	Name	Time	Checked Overline (Y/N)	Possible Error Other Land Use	Screen	Screen or Contour
001	LONGVIEW ST	11:00				
002	SPRING ST					
003	ANN ST					
004	DAVE ST					
005	FRANK ST					
006	WINDY ST					
007	WINDY ST					
008	WINDY ST					
009	WINDY ST					
010	WINDY ST					
011	WINDY ST					
012	WINDY ST					
013	WINDY ST					
014	WINDY ST					
015	WINDY ST					
016	WINDY ST					
017	WINDY ST					
018	WINDY ST					
019	WINDY ST					
020	WINDY ST					
021	WINDY ST					
022	WINDY ST					
023	WINDY ST					
024	WINDY ST					
025	WINDY ST					
026	WINDY ST					
027	WINDY ST					
028	WINDY ST					
029	WINDY ST					
030	WINDY ST					
031	WINDY ST					
032	WINDY ST					
033	WINDY ST					
034	WINDY ST					
035	WINDY ST					
036	WINDY ST					
037	WINDY ST					
038	WINDY ST					
039	WINDY ST					
040	WINDY ST					
041	WINDY ST					
042	WINDY ST					
043	WINDY ST					
044	WINDY ST					
045	WINDY ST					
046	WINDY ST					
047	WINDY ST					
048	WINDY ST					
049	WINDY ST					
050	WINDY ST					

Date: 2/17/15

McKeenport Municipal Authority  
Field Check Sheets

Initial: JPK/ET

Post	Name	Time	Observed	Possible Cont.	Issues	Comments
Station	Name	Time	Overflow (Y/N)	Storm Load (Y/N)	Checked	Comments or Corrected
004	LONGVIEW ST					
005	BRUNNEN ST	10:30				
006	BRUNNEN ST					
007	BRUNNEN ST					
008	BRUNNEN ST					
009	BRUNNEN ST					
010	BRUNNEN ST					
011	BRUNNEN ST					
012	BRUNNEN ST					
013	BRUNNEN ST					
014	BRUNNEN ST					
015	BRUNNEN ST					
016	BRUNNEN ST					
017	BRUNNEN ST					
018	BRUNNEN ST					
019	BRUNNEN ST					
020	BRUNNEN ST					
021	BRUNNEN ST					
022	BRUNNEN ST					
023	BRUNNEN ST					
024	BRUNNEN ST					
025	BRUNNEN ST					
026	BRUNNEN ST					
027	BRUNNEN ST					
028	BRUNNEN ST					
029	BRUNNEN ST					
030	BRUNNEN ST					

225  
206 } no records  
e gate - check 12-9-15

Date: 2/9/15

McKeenport Municipal Authority  
Field Check Sheets

Initial: JPK/ET

Post	Name	Time	Observed	Possible Cont.	Issues	Comments
Station	Name	Time	Overflow (Y/N)	Storm Load (Y/N)	Checked	Comments or Corrected
004	LONGVIEW ST					
005	BRUNNEN ST					
006	BRUNNEN ST					
007	BRUNNEN ST					
008	BRUNNEN ST					
009	BRUNNEN ST					
010	BRUNNEN ST					
011	BRUNNEN ST					
012	BRUNNEN ST					
013	BRUNNEN ST					
014	BRUNNEN ST					
015	BRUNNEN ST					
016	BRUNNEN ST					
017	BRUNNEN ST					
018	BRUNNEN ST					
019	BRUNNEN ST					
020	BRUNNEN ST					
021	BRUNNEN ST					
022	BRUNNEN ST					
023	BRUNNEN ST					
024	BRUNNEN ST					
025	BRUNNEN ST					
026	BRUNNEN ST					
027	BRUNNEN ST					
028	BRUNNEN ST					
029	BRUNNEN ST					
030	BRUNNEN ST					

Date: 2/11/15

McKeenport Municipal Authority  
Field Check Sheets

Initial: JPK/ET

Post	Name	Time	Observed	Possible Cont.	Issues	Comments
Station	Name	Time	Overflow (Y/N)	Storm Load (Y/N)	Checked	Comments or Corrected
004	LONGVIEW ST					
005	BRUNNEN ST	7:10				
006	BRUNNEN ST	7:10				
007	BRUNNEN ST	7:10				
008	BRUNNEN ST	7:10				
009	BRUNNEN ST	7:10				
010	BRUNNEN ST	7:30				
011	BRUNNEN ST					
012	BRUNNEN ST					
013	BRUNNEN ST					
014	BRUNNEN ST					
015	BRUNNEN ST					
016	BRUNNEN ST					
017	BRUNNEN ST					
018	BRUNNEN ST					
019	BRUNNEN ST					
020	BRUNNEN ST					
021	BRUNNEN ST					
022	BRUNNEN ST					
023	BRUNNEN ST					
024	BRUNNEN ST					
025	BRUNNEN ST					
026	BRUNNEN ST					
027	BRUNNEN ST					
028	BRUNNEN ST					
029	BRUNNEN ST					
030	BRUNNEN ST					

Date: 2/11/15

McKeenport Municipal Authority  
Field Check Sheets

Initial: JPK/ET

Post	Name	Time	Observed	Possible Cont.	Issues	Comments
Station	Name	Time	Overflow (Y/N)	Storm Load (Y/N)	Checked	Comments or Corrected
004	LONGVIEW ST					
005	BRUNNEN ST					
006	BRUNNEN ST					
007	BRUNNEN ST					
008	BRUNNEN ST					
009	BRUNNEN ST					
010	BRUNNEN ST					
011	BRUNNEN ST					
012	BRUNNEN ST					
013	BRUNNEN ST					
014	BRUNNEN ST					
015	BRUNNEN ST					
016	BRUNNEN ST					
017	BRUNNEN ST					
018	BRUNNEN ST					
019	BRUNNEN ST					
020	BRUNNEN ST					
021	BRUNNEN ST					
022	BRUNNEN ST					
023	BRUNNEN ST					
024	BRUNNEN ST					
025	BRUNNEN ST					
026	BRUNNEN ST					
027	BRUNNEN ST					
028	BRUNNEN ST					
029	BRUNNEN ST					
030	BRUNNEN ST					

MEMO 2-16-15

McKeesport Municipal Authority  
Field Check Sheets

Initials *mm/87*

Field	Name	Time	Observed	Possible Cause	Status	Comments
Station	Street	Time	Overflow (Y/N)	Water Level	Closed	Case or Category
002	LONDON ST	7:00				
004	SPENCER ST	7:30				
006	FRANK ST				OK	
008	ANN ST	7:30			OK	
010	ONE E ST					
012	PERRY ST					
014	WINDHAM ST					
016	MORRIS ST					
018	2TH AVE					
020	3TH AVE	12:15				
022	4TH AVE				OK	
024	5TH AVE					
026	6TH AVE	12:30				
028	7TH AVE					
030	8TH AVE					
032	9TH AVE					
034	10TH AVE					
036	11TH AVE					
038	12TH AVE					
040	13TH AVE					
042	14TH AVE					
044	15TH AVE					
046	16TH AVE					
048	17TH AVE					
050	18TH AVE					
052	19TH AVE					
054	20TH AVE					
056	21ST ST					
058	22ND ST					
060	23RD ST					
062	24TH ST					
064	25TH ST					
066	26TH ST					
068	27TH ST					
070	28TH ST					
072	29TH ST					
074	30TH ST					
076	31ST ST					
078	32ND ST					

MEMO 2-17-15

McKeesport Municipal Authority  
Field Check Sheets

Initials *mm/87*

Field	Name	Time	Observed	Possible Cause	Status	Comments
Station	Street	Time	Overflow (Y/N)	Water Level	Closed	Case or Category
002	LONDON ST					
004	SPENCER ST	9:30				
006	FRANK ST				OK	
008	ANN ST					
010	ONE E ST					
012	PERRY ST	14:10				
014	WINDHAM ST	9:10				
016	MORRIS ST					
018	2TH AVE					
020	3TH AVE					
022	4TH AVE	12:30				
024	5TH AVE					
026	6TH AVE					
028	7TH AVE					
030	8TH AVE					
032	9TH AVE					
034	10TH AVE					
036	11TH AVE					
038	12TH AVE					
040	13TH AVE					
042	14TH AVE					
044	15TH AVE					
046	16TH AVE					
048	17TH AVE					
050	18TH AVE					
052	19TH AVE					
054	20TH AVE					
056	21ST ST					
058	22ND ST					
060	23RD ST					
062	24TH ST					
064	25TH ST					
066	26TH ST					
068	27TH ST					
070	28TH ST					
072	29TH ST					
074	30TH ST					
076	31ST ST					
078	32ND ST					

MEMO 2-18-15

McKeesport Municipal Authority  
Field Check Sheets

Initials *mm/87*

Field	Name	Time	Observed	Possible Cause	Status	Comments
Station	Street	Time	Overflow (Y/N)	Water Level	Closed	Case or Category
002	LONDON ST					
004	SPENCER ST	9:59				
006	FRANK ST	10:00				
008	ANN ST					
010	ONE E ST					
012	PERRY ST	10:04				
014	WINDHAM ST					
016	MORRIS ST					
018	2TH AVE					
020	3TH AVE					
022	4TH AVE					
024	5TH AVE					
026	6TH AVE					
028	7TH AVE					
030	8TH AVE					
032	9TH AVE					
034	10TH AVE					
036	11TH AVE					
038	12TH AVE					
040	13TH AVE					
042	14TH AVE					
044	15TH AVE					
046	16TH AVE					
048	17TH AVE					
050	18TH AVE					
052	19TH AVE					
054	20TH AVE					
056	21ST ST					
058	22ND ST					
060	23RD ST					
062	24TH ST					
064	25TH ST					
066	26TH ST					
068	27TH ST					
070	28TH ST					
072	29TH ST					
074	30TH ST					
076	31ST ST					
078	32ND ST					

MEMO 2-18-15

McKeesport Municipal Authority  
Field Check Sheets

Initials *mm/87*

Field	Name	Time	Observed	Possible Cause	Status	Comments
Station	Street	Time	Overflow (Y/N)	Water Level	Closed	Case or Category
002	LONDON ST					
004	SPENCER ST					
006	FRANK ST					
008	ANN ST					
010	ONE E ST					
012	PERRY ST					
014	WINDHAM ST					
016	MORRIS ST					
018	2TH AVE					
020	3TH AVE					
022	4TH AVE					
024	5TH AVE					
026	6TH AVE					
028	7TH AVE					
030	8TH AVE					
032	9TH AVE					
034	10TH AVE					
036	11TH AVE					
038	12TH AVE					
040	13TH AVE					
042	14TH AVE					
044	15TH AVE					
046	16TH AVE					
048	17TH AVE					
050	18TH AVE					
052	19TH AVE					
054	20TH AVE					
056	21ST ST					
058	22ND ST					
060	23RD ST					
062	24TH ST					
064	25TH ST					
066	26TH ST					
068	27TH ST					
070	28TH ST					
072	29TH ST					
074	30TH ST					
076	31ST ST					
078	32ND ST					

From Web (2-18) 2014 continuing  
 from lines 1/10/15  
 across entire 31st St  
 between 21st & 32nd St

Date: 2-14-15  
McKeesport Municipal Authority  
Field Check Sheets

Initial: MHP/JK

Line	Name	Time	Observed	Present in Field	Notes	Comments or Corrected
001	LOWMEYER ST		Observed (100)	When Lost Walk	Checked	
002	BRIDGEA ST					
003	SPYR ST					
004	AMR ST					
005	BRIDGEA ST					
006	PLINY ST	10:00				OK
007	WATSON ST					
008	MONTGOMERY					
009	STYRAC					
010	STYRAC					
011	STYRAC					
012	STYRAC					
013	STYRAC					
014	STYRAC					
015	STYRAC					
016	STYRAC					
017	STYRAC					
018	STYRAC					
019	STYRAC					
020	STYRAC					
021	STYRAC					
022	STYRAC					
023	STYRAC					
024	STYRAC					
025	STYRAC					
026	STYRAC					
027	STYRAC					
028	STYRAC					
029	STYRAC					
030	STYRAC					
031	STYRAC					
032	STYRAC					
033	STYRAC					
034	STYRAC					
035	STYRAC					
036	STYRAC					
037	STYRAC					
038	STYRAC					
039	STYRAC					
040	STYRAC					
041	STYRAC					
042	STYRAC					
043	STYRAC					
044	STYRAC					
045	STYRAC					
046	STYRAC					
047	STYRAC					
048	STYRAC					
049	STYRAC					
050	STYRAC					
051	STYRAC					
052	STYRAC					
053	STYRAC					
054	STYRAC					
055	STYRAC					
056	STYRAC					
057	STYRAC					
058	STYRAC					
059	STYRAC					
060	STYRAC					
061	STYRAC					
062	STYRAC					
063	STYRAC					
064	STYRAC					
065	STYRAC					
066	STYRAC					
067	STYRAC					
068	STYRAC					
069	STYRAC					
070	STYRAC					
071	STYRAC					
072	STYRAC					
073	STYRAC					
074	STYRAC					
075	STYRAC					
076	STYRAC					
077	STYRAC					
078	STYRAC					
079	STYRAC					
080	STYRAC					
081	STYRAC					
082	STYRAC					
083	STYRAC					
084	STYRAC					
085	STYRAC					
086	STYRAC					
087	STYRAC					
088	STYRAC					
089	STYRAC					
090	STYRAC					
091	STYRAC					
092	STYRAC					
093	STYRAC					
094	STYRAC					
095	STYRAC					
096	STYRAC					
097	STYRAC					
098	STYRAC					
099	STYRAC					
100	STYRAC					

Date: 2-20-15  
McKeesport Municipal Authority  
Field Check Sheets

Initial: MHP/JK

Line	Name	Time	Observed	Present in Field	Notes	Comments or Corrected
001	LOWMEYER ST	2:30	Observed (100)	When Lost Walk	Checked	
002	BRIDGEA ST					
003	SPYR ST					
004	AMR ST					
005	BRIDGEA ST					
006	PLINY ST	10:00				OK
007	WATSON ST					
008	MONTGOMERY					
009	STYRAC					
010	STYRAC					
011	STYRAC					
012	STYRAC					
013	STYRAC					
014	STYRAC					
015	STYRAC					
016	STYRAC					
017	STYRAC					
018	STYRAC					
019	STYRAC					
020	STYRAC					
021	STYRAC					
022	STYRAC					
023	STYRAC					
024	STYRAC					
025	STYRAC					
026	STYRAC					
027	STYRAC					
028	STYRAC					
029	STYRAC					
030	STYRAC					
031	STYRAC					
032	STYRAC					
033	STYRAC					
034	STYRAC					
035	STYRAC					
036	STYRAC					
037	STYRAC					
038	STYRAC					
039	STYRAC					
040	STYRAC					
041	STYRAC					
042	STYRAC					
043	STYRAC					
044	STYRAC					
045	STYRAC					
046	STYRAC					
047	STYRAC					
048	STYRAC					
049	STYRAC					
050	STYRAC					
051	STYRAC					
052	STYRAC					
053	STYRAC					
054	STYRAC					
055	STYRAC					
056	STYRAC					
057	STYRAC					
058	STYRAC					
059	STYRAC					
060	STYRAC					
061	STYRAC					
062	STYRAC					
063	STYRAC					
064	STYRAC					
065	STYRAC					
066	STYRAC					
067	STYRAC					
068	STYRAC					
069	STYRAC					
070	STYRAC					
071	STYRAC					
072	STYRAC					
073	STYRAC					
074	STYRAC					
075	STYRAC					
076	STYRAC					
077	STYRAC					
078	STYRAC					
079	STYRAC					
080	STYRAC					
081	STYRAC					
082	STYRAC					
083	STYRAC					
084	STYRAC					
085	STYRAC					
086	STYRAC					
087	STYRAC					
088	STYRAC					
089	STYRAC					
090	STYRAC					
091	STYRAC					
092	STYRAC					
093	STYRAC					
094	STYRAC					
095	STYRAC					
096	STYRAC					
097	STYRAC					
098	STYRAC					
099	STYRAC					
100	STYRAC					

Date: 2-20-15  
McKeesport Municipal Authority  
Field Check Sheets

Initial: MHP/JK

Line	Name	Time	Observed	Present in Field	Notes	Comments or Corrected
001	LOWMEYER ST	1:00	Observed (100)	When Lost Walk	Checked	
002	BRIDGEA ST					
003	SPYR ST					
004	AMR ST					
005	BRIDGEA ST					
006	PLINY ST	1:05				OK
007	WATSON ST					
008	MONTGOMERY					
009	STYRAC					
010	STYRAC					
011	STYRAC					
012	STYRAC					
013	STYRAC					
014	STYRAC					
015	STYRAC					
016	STYRAC					
017	STYRAC					
018	STYRAC					
019	STYRAC					
020	STYRAC					
021	STYRAC					
022	STYRAC					
023	STYRAC					
024	STYRAC					
025	STYRAC					
026	STYRAC					
027	STYRAC					
028	STYRAC					
029	STYRAC					