



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2019 To March, 2020

Permit No. ILR40 0363

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: City of Kankakee Mailing Address 1: 850 N. Hobbie Avenue
Mailing Address 2: _____ County: Kankakee
City: Kankakee State: IL Zip: 60901 Telephone: (815) 933-0446
Contact Person: Mr. Pete Schiel Email Address: paschiel@citykankakee-il.gov
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

City of Kankakee

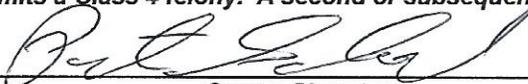
THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach | <input type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

- B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.
- C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.
- D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)
- E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).
- F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))



Owner Signature:
Pete Schiel
Printed Name:

6/24/2020

Date:
Superintendent

Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

Annual Report – 20120
Phase II Storm Water Permit
Compliance and Implementation Activities

A. Changes to BMPs as submitted with NOI:

There are no proposed changes to the BMPs as identified in the NOI submission.

B. Status of Compliance and description of activities:

Public Education and Outreach

BMP #A.1: The recycling brochure developed regarding the City's curbside recycling program continues to be distributed to residents at various local outlets (City Hall, Library, etc.). This brochure includes a section regarding prevention of household impacts on storm water quality. The City's curbside recycling and yard waste collection continue. The City's program is promoted on the City's electronic billboard on the cable Access Channel and its web site. The brochures are included in the sewer bill mailings once a year.

BMP #A.2: The annual report was presented to the City Council. Staff is available to make a presentation regarding storm water issues within the City.

BMP #A.3: In addition to the recycling and yard waste brochure distribution, storm water related information was handed out during the Kankakee River Cleanup event and is available at the electronic waste collection drop off site.

BMP #A.4: City staff promoted and participated in several events in the area which had an impact on storm water issues. These events included the annual Kankakee River Cleanup, spring cleanup at Bird Park, and a household Hazardous Waste Collection event. An Electronic Waste Collection drop off site exists at the Public Works Buildings and is open weekly.

Public Participation / Involvement

BMP #B.3: All storm water projects are brought to the City Council for discussion and approval to implement. City staff continues to participate in monthly meetings of the Kankakee River Basin Partnership and belong to the Illinois Water Environment Association's Water Shed Committee.

BMP #B.7: The City had its annual cleanup day for each area of the City during the spring. Work continues to reduce and control the amount of refuse/rubbish put out for collection during the remainder of the year. In the fall residents are encouraged to rake leaves to the boulevard for collection by City staff.

Illicit Discharge Detection / Elimination

BMP #C.1: The City has completed development of a GIS based map of the storm and sanitary sewers within the City. All storm sewer outlets are identified on the map. The map was updated with changes from construction during the year.

BMP #C.4: No known illegal connections exist within the storm water system. When illegal connections are discovered, the IEPA and business are contacted to determine appropriate remediation with a timeframe.

BMP #C.5: The existing ordinance controls are adequate to effect illicit source removal when required.

BMP #C.7: All creeks are inspected monthly along with the river downstream of the dam for illicit discharges.

Construction site runoff control

BMP #D.1: No ordinance changes were made.

BMP #D.2: The City uses the erosion and sediment control BMP's developed by NRCS and those listed by IEPA. No changes in BMP's were made.

BMP #D.4: Site plan review is a part of the construction permit issuing process.

BMP #D.6: Construction site inspections by the City Engineer are required by ordinance.

Post – Construction Runoff Control

BMP #E.2: No ordinance changes were made.

BMP #E.3: Maintenance by the Developers of construction runoff controls is required until the site is substantially vegetated.

BMP #E.4: All BMP's are reviewed for sites prior to construction.

BMP #E.5: All construction runoff controls are required to be inspected on a weekly basis.

BMP #E.6: Permanent controls are periodically inspected by City staff.

Pollution Prevention / Good Housekeeping

BMP #F.1: Periodic training sessions for storm water issues are performed for public works personnel.

BMP #F.2: 122,000 feet of sewers were cleaned this year by City staff as well as numerous structures throughout the City as part of a regular schedule and from customer complaints.

BMP #F.3: City streets are swept on a regular basis with the entire City swept 3-4 times per month. The City, also, collects brush, which is ground into mulch, and leaves, which are spread on farm ground, during the year. The solid waste contractor is responsible for garbage pickup, curbside recyclable collection, and yard waste disposal. Performance of the solid waste contract is reviewed every six months. Sanitary sewers are inspected along waterways for leakage.

BMP #F.4: Solid waste, recycling, and yard waste is collected by a contract hauler. The City crews collect rubbish from alleys and sweep the streets. A total of 741 tons of debris was collected from street sweeping activities and 439 tons of rubbish was collected from alleys.

C. Information Collected:

Attached are memos on storm water activities, street sweeping and rubbish collection as well as monthly reports by the Environmental Services Utilities.

D. Future Storm Water Activities:

The City intends to continue with its Phase II Storm Water activities as indicated in the NOI submitted to receive its permit. The schedule and BMP activities will remain the same. Additional ordinance review and modification (if necessary) will be performed in order to improve compliance and enforcement regarding storm water issues.

E. The City is not relying on any other entity for satisfaction of permit requirements.

F. Contracted qualifying construction projects.

New sanitary sewer force main and gravity sewer main for Dow Chemicals due to incompatible industrial wastewater streams from nearby industrial users which resulted in wastewater blockages and sanitary sewer overflows.

Replacement of 2.5 miles of forced sanitary sewer main between Kankakee and Aroma Park. The old line was failing having the potential to contaminate surrounding property and also possessed the possibility of overflows into nearby waterways.

A total of 77 storm and sanitary sewer issues were repaired by Environmental Services Utility staff.

Inlets and manholes were repaired as discovered during routine inspections or from customer complaints. Proactive cleaning of storm sewer inlets in early fall completed ahead of falling leaves. This eliminated transport of eroded soil into the river.

Numerous manholes were lined or vacuumed, and numerous obstructions were removed from the sanitary sewer throughout the collection system this year. This will eliminate overflows and leakage into the river.

Daily inspections of lift stations combined with weekly and monthly preventative maintenance keep pumps operational. Functional lift stations prevent sanitary sewer overflows from entering the storm collection system.

2019 MS4 Projects

New sanitary sewer force main and gravity sewer main for Dow Chemicals due to incompatible industrial wastewater streams from nearby industrial users which resulted in wastewater blockages and sanitary sewer overflows.

Replacement of 2.5 miles of forced sanitary sewer main between Kankakee and Aroma Park. The old line was failing having the potential to contaminate surrounding property and also possessed the possibility of overflows into nearby waterways.

Investigation into abandoned CSL/Bunge sanitary sewer line. Contacted IEPA and determined water was storm water after investigation and testing.

Cut roots from storm sewer line in River Street between Cannon Street and Curtis Avenue.

Jetted and vacuumed storm lines along River Street between Cannon Street and Curtis Avenue; along Schuyler Avenue between Charles Street and Water Street; and inlets at Dearborn Avenue and Charles Street. Jetted storm sewer line under the south side of the Schuyler Avenue bridge.

Cleaned sanitary sewer manhole at 130 N. Small Avenue that was full of grease. Once the manhole was cleaned, the blockage cleared.

Tree root removal from storm sewer at 9th Avenue and Charles Street.

Replaced the deteriorated storm sewer inlets at 2140 W Calista Street and at 5th Avenue and Brighton Street. Three manholes were repaired at W. Clinton Street and 3rd Avenue along with some storm sewer pipes.

Replaced catch basin at Gordon Avenue and Fifth Avenue along with three feet of storm sewer pipe. A new catch basin replaced a collapsed brick structure at 1801 Duane Boulevard. A collapsed pipe was replaced at 698 N. Schuyler Avenue.

Smoke testing storm sewer along Jeffery Street, Washington Avenue, Water Street, and Wall Street.

Proactive cleaning of inlets throughout the City in anticipation of fall leaves that typically block surface water drainage.

A total of 77 storm and sanitary sewer issues, including manhole and inlet replacement as well as pipe replacement, were completed by the City in house. Regular cleaning of storm and sanitary sewer structures in addition to specific call-outs due to customer complaints.

Approximately 23.2 miles of sewer cleaned and jetted, along with 6.2 miles of sewer televised. Most of the cleaned and jetted lines and the televised lines were sanitary sewer but some were storm sewer.

Monthly preventative maintenance on lift stations and daily / weekly visits as applicable to ensure reliable operation.

Completed a survey along Riverstone Parkway to determine proper drainage in area of the Hilton Hotel.



Sewer Services Activities 2019

Note: Target goal 3.61 miles of Sanitary Sewer cleaning per month to cover 130 miles of Sewer lines every 3 years. Diligent efforts to maintain Sanitary infrastructure to eliminate cross contamination in the Storm infrastructure is key. A total of 77 Storm and Sanitary issues were repaired during the ESU Fiscal year. List of repair locations attached.

January 2019

Sanitary / Storm:

- Issue with storm water overflow in abandoned CSL / Bunge Line. Contacted EPA immediately and identified that it was storm water in abandoned line. Source of issue was just south of the abandoned Bunge property. Monitored bypass pumping and found a solution to resolve issue while CSL addresses the old Bunge Property. Lab tested the sample and the sample was identified to be storm water.
- Added some oater eliminator in the BASF line on Washington Ave and Jeffery St in the East Alley.

Stone Street:

- Greased lower bearing on screw pump 1, 2 and 3.
- Greased couplers screw pump 1, 2 and 3.
- Monitored and filled oilers.
- With colder temperatures exercised generator Stone Street Lift Station.
- Solenoid valve on vacuum line pump 1 having issues at Prairie Walk. Issue resolved and pump back in service.

Lift Stations:

- Painting drywell Garr Creek lift station structure along with piping.
- Pumps at Rink Road frozen with extreme temperatures. Installed several additional heaters and the station is back in service.
- Call to run pump 2 fail at West Gracefield lift station. Back flushed pump and system placed back in service.

Area Cleaning:

- Root cut storm line on River between cannon and Curtis.
- Jetted and vacuumed storm line on River between Cannon and Curtis.
- Jetted and vacuumed storm line on Schuyler between Charles and Water.
- Jetted line and utilized sonde locator to find storm line on Schuyler between Charles and Water. Identified the location of a buried manhole.
- Routine trouble spots.
- Working with Visu Sewer with a potential issue on the sanitary main. Coming up with a feasible cost effective solution.
- Jetted storm line under the south side of the Schuyler bridge.
- Vacuumed and jetted manholes and intakes on Dearborn and Charles.

Sewer Calls:

<u>Date</u>	<u>Location and Description</u>	<u>Staff</u>
1/3	5540 S Curtis Ave. Inspected and found our line flowing normal	CC
1/4	729 N Webster Circle W. Odor Complaint. No odor noticed upon arrival to address. No odor noticed in City's Main. Faint odor in Industrial line.	AS JH
1/5	640 S Wall St. Odor Complaint. Faint odor in house. Up and downstream manhole also have odor. Will follow up with smoke test.	AA
1/5	630 S Wall St. Odor complaint. In basement. Will follow up with smoke test. Related to 640 S Wall St	AA
1/8	1951 E Spruce St. Odor Complaint. Jetted 300' of line. Pulled back grease, black mucky water, and a lot of debris.	AA GP

February 2019

Lift Stations:

- Daily inspection of all Lift stations
- Routine PM and weekly station operation verification

Northland:

- Cleaned check valves on pump 1 and 2.

Gar Creek:

- Painted piping.
- Cleaned transducer and cables.
- Repaired leak on pump 3.

Stone Street:

- Greased lower bearing on screw pump 1, 2 and 3.
- Greased couplers screw pump 1, 2 and 3.
- Monitored and filled oilers.
- Fill oilers 1 & 2

Station 500:

- Cleaned internal portions of lift station.

Miscellaneous:

- Dye tested (sink hole, 7th & Station)
- Intake cleaning throughout the City

Area Cleaning:

Area Cleaning (Note: Areas in yellow were related to a sewer call)			
Date		Location & Description	Staff
2/6	300	Sewer Call 1865 Greenview. Root ball. Root cut and jetted	AA GP
2/11	150	Sewer Call 1909 Budd Blvd. Jettted Line and TV'ed	AA GP
2/13	100	Sewer Call 1000 N Entrance Av. Jettted and TV'ed	AA GP
2/14	350	General Cleaning	AA GP
2/14	300	General Cleaning	AA GP
2/14	460	Cleaning. Emory to Duane	AA GP
2/14	960	Line full of silt. Cannot get to MH on Emory	AA GP
2/15	300	Sewer Call 930 Cobb Blvd. Jettted Line.	AA GP
2/19	280	Sewer Call 5 th Ave. Jettted Line	GP JH
2/19	350	5 th Ave Cleaning	GP JH
2/20	198	Sewer Call 5 TH Ave. Jettted Line	AA JH
2/20	405	Stone St. (Related to 5 th Ave)	AA JH
2/20	200	5 th Ave (MH in Holohan Building) – Area finally resolved	AA GP
2/21	250	Alley behind JJ Trucking. Jettted and TV'd sinkhole	AA GP
2/21	730	Re Jet line on Emory, this time to MH	AA GP
2/21	740	General Cleaning	AA GP
2/21	720	General Cleaning	AA GP
2/22	100	MH Backed up. Cleaned out root ball	AA GP
2/25	150	Sewer Call. Cannon/Station. Jettted Line, line flowing	AA GP
2/26	290	General Cleaning	AA GP
2/26	220	General Cleaning. (Could not get to MH 7813)	AA GP

2/26	290	General Cleaning	AA GP
2/26	300	General Cleaning	AA GP
2/26	200	General Cleaning	AA GP
2/26	315	General Cleaning	AA GP
2/26	750	General Cleaning	AA GP
2/26	300	General Cleaning	AA GP
2/26	475	General Cleaning	AA GP
2/26	515	General Cleaning	AA GP
2/27	435	General Cleaning	AA GP
2/27	470	General Cleaning	AA GP
2/27	470	General Cleaning (found grease)	AA GP
2/27	470	General Cleaning (found grease)	AA GP
2/27	275	General Cleaning	AA GP
2/27	200	General Cleaning	AA GP
2/27	265	General Cleaning	AA GP
2/27	280	General Cleaning	AA GP
2/27	570	General Cleaning	AA GP
2/27	470	General Cleaning	AA GP
2/28	200	General Cleaning	DH GP
2/28	300	General Cleaning	DH GP
		TOTAL 15, 103 FT (2.86 MILES)	

Sewer Calls:

Date	Location & Description	Staff
2/19	1329 E Bourbonnais – Sewer Back up: Checked manholes, line open and flowing well. Televised line and no issues observed. Advised homeowner that issue is in the private lateral.	AA DH GP
2/20	130 N Small – Sewer Back up: Manhole observed to be full of grease. Vacuumed out manhole and blockage was cleared.	JH GS
2/26	774 N Cottage – Sewer Back up: Checked upstream and downstream manholes, line flowing fine and no apparent back up in main line.	BB AA

March 2019

Area Cleaning:

- Assist sewer calls
- Dye testing (sink hole, 7th & Station)
- Smoke Testing (Station & 7th)
- Intake cleaning and repair (various locations)

Sewer Calls:

Date	Location & Description	Staff
3/4	939 W Walnut. Sewer Backup into Basement. Line flowing slow. Jetted and vacuumed line. Pulled back root ball. Line flowing.	AA GP
3/17	644 S Wildwood. Sewer Backup in Basement. Jetted line 500'. Backup receded.	AA GP
3/18	569 N Illinois. Back up in Basement. Jetted line. Hit blockage at 174'. Backup receded.	CC AS
3/18	628 S Nelson. Backup in House. Build up of debris in MH. Broke up grease and jetted line. Added degreaser in line.	CC AS
3/28	1269 S Lincoln. Home owner line backed up. Televised line 400'. No problem found at tap, line clean.	AA GP
3/30	1329 E Bourbonnais. Sewer Back up into Basement. Line surcharged. Upstream MHs full. Jetted line, now flowing.	JH GP BB
3/31	768 W Clinton. Sewer Backup into Basement. Line <u>flowing</u> no apparent issue. Problem with homeowner's line.	JH

Lift Stations:

- Daily inspection of all Lift stations
- Routine PM and weekly station operation verification.

Northland:

- Reinstalled pump 1 and placed it back in operation.

Stone Street:

- Filled oilers.
- Greased Fans.
- Removed and cleaned filters.

Area Cleaning:

- 39,780 feet / 7.534 Miles

Televising:

- 11,311 feet / 2.142 Miles

April 2019

Area Cleaning:

- Assist sewer calls as needed.
- Intake cleaning and repair (various locations)

Jetting:

- 23,318 feet / 4.42 miles (Goal Exceeded)
(Target goal 3.61 miles month to cover 130 miles every 3 years)

Televising:

- 2,925 feet / 0.56 miles

Sewer Calls:

Date	Location & Description	Staff
4/6	1329 E Bourbonnais. Sewer Backup in basement. Jetted 708'. Backup receded.	AS BB
4/22	500 S Washington. Sewer Backup. Upstream/Downstream flowing as should. Private lateral backup.	BB DH
4/27	916 N Schuyler. Sewer Backup in basement. Line flowing as should. Manholes flowing properly. Private lateral backup.	AA

Lift Stations:

- Daily inspection of all Lift stations
- Routine PM and weekly station operation verification

Gar Creek:

- Clean pump (rocks in pump)
- Clean Transducer & Cables

308:

- Clean pump 2 & check valve

Northland:

- Repaired Communications Run Fail

Stone Street:

- Fill oilers
- Training on Greasing Bearings
- Training on Lift Station Trending
- Removed and cleaned filters

May 2019

Area Cleaning:

- Root cut storm lines on 9th and Charles.
- Preventative maintenance cleaning 10,774 feet.
- Sanitary and Storm inspection map pages 12H, 18K, 11K, 10J, 13J and 15I. Total inspection 3,770 feet.

Televising:

- Televised storm lines on 9th and Charles. Identified roots that have been addressed.
- Many other areas throughout the City for follow up.

Construction:

Date	Location	Crew	Issue	
	Hickory and Winfield	AA/GP	Sawcut around sinkhole. Added Stone and prepared for asphalt.	5-23-19
	251 Fairmont and Oak	AA/GP	Manhole hit. Reset manhole and utilized concrete to reset it.	5-21-19
	1761 Fairmont and Oak	AA/GP	Manhole hit. Reset manhole and utilized concrete to reset it.	5-21-19
	558 S Gordon and Erzinger	AA/GP	Manhole frame and lid broke. Removed riser and frame. Reinstalled.	5-22-19
	538 S Gordon and Erzinger	AA/GP	Uncovered lid from asphalt. Added 1 ½” riser to accomplish surface grade.	5-22-19
	243 S Sibley and Merchant	AA/GP	Manhole hit. Reset manhole and utilized concrete to reset it.	5-22-19
	S Gordon and Erzinger Intersection	AA/GP	Manhole hit. Reset manhole and utilized concrete to reset it.	5-22-19
	Chestnut Bus Stop	AA/GP	Bus parking caused concrete to break up. Removed and prepared for Asphalt.	5-23-19

Locust and Dearborn	AA/GP	Bus parking caused concrete to break up. Removed and prepared for Asphalt.	5-23-19
N Frontage Road and E Court St	AA/GP	Manhole hit. Reset manhole and utilized concrete to reset it.	5-9-19
Winfield and W Hickory	AA/GP	Broken curb grate. Replaced	5-20-19
2140 W Calista and Main	AA/GP	Catch Basin crumbled. Removed curb, sidewalk and saw cut street. Replaced 2' by 2' catch basin. Utilized stone and concrete to finalize project. Asphalt will be scheduled.	5-6-19, 5-7-19
1115 N Schuyler	AA/GP	Manhole hit. Reset manhole and utilized concrete to reset it.	5-9-19
5 th and Merchant	AA/GP	Manhole hit. Reset manhole and utilized concrete to reset it. Frame along river. Installed bolt down frame and lid.	5-10-19
900 W River Place and 9 th Ave	AA/GP	Adjusting bricks and pipe seal falling apart. Resealed pipes and joints. Removed old bricks added an adjusting ring and will be scheduled for asphalt.	5-7-19

Miscellaneous:

- Extensive investigation of odor issue on Water and Wall St that may or may not be coming from BASF. Had a good meeting with staff and engineers from BASF.
- Infiltration investigation south of town. With all the storm activity Station 500 and Garr Creek station were keeping up but surcharged during this time.

Sewer Calls:

Date	Location & Description	Staff
5/1/19	521 N Union - Sewer Back up. Run off from Abandoned Property (Scrap Yard) to the North surcharging line. Legal sending letter to Scrap Yard owner.	BB DH ZN
5/1/19	729 N Webster Circle – Sewer Odor. Smoke Tested line. Of 11 houses ONLY 729 N Webster Circle showed issues. Toilet not sealed properly. Resident must address seal on toilet.	AA
5/7/19	2000 N Court St – Sewer Back up at Bank. Strangely two MHs FULL of grease from just Bank bathroom facilities? Jetted from next open MH 210 FT. Will continue spot checks to see if anyone is illegally dumping used oil into this manhole to bypass grease trap.	BB JH
5/8/19	1485 E Bourbonnais St – Basement has water, pumped out but keeps coming in. Our line flowing, not backed up. Jetted line for due diligence.	BB GS
5/15/19	800 S 8 th Ave – Recent back up. MH flowing. Camera'ed line found root ball. Cut out.	BB DH AA GP
5/15/19	320 N 5 th Ave – Sewer back up in shower. Main line flowing normal. Jetted line. Televised line. Showed pictures of tap to resident.	BB DH
5/29/19	566 N Industrial – Sewer Odor. Cleaned debris off of Storm intakes on road. (DPW cleaned street).	AS

June 2019

Area Cleaning:

- 20,127 feet / 3.81 miles

Televising:

- Many areas throughout the City as preventative measures.
- 2, 165 feet / 0.41 miles

Lift Stations:

- Daily inspection of all Lift stations
- Routine PM and weekly station operation verification

500:

- Scrape & paint inside lift station to insure preventative maintenance activities.

Stone Street:

- Carbon Media Installed
- New fan Belt Installed
- Grease Bearings Training
- Cleaned pump #1

Miscellaneous:

- Intake cleaning and repair (various locations).
- Smoke test Jeffery, Washington, Water, & Wall.
- Rigorous testing of industrial force main/gravity MHs

Construction:

- 5 inlet repairs

Sewer Calls:

Date	Location & Description	Staff
6/10/19	374 W Station St – Tap blocked, possibly grease. Jetted line, pulled back lumps of grease	GS AA
6/12/19	470 S Wall St – Bad odor inside/outside. Checked MHs in industrial line.	BB DH
6/12/19	470 S Wall St – Bad odor inside/outside. Checked nearby industrial line, same odor.	DH
6/21/19	493 S Rosewood Ave – Backup in basement. MH backed up. Jetted line 2 times. Vac out MH. Full of grease, rags, some roots	AA JH
6/21/19	Alley W of Calista – MH Backed up. Jetted Main, MH drained.	BB AS
6/28/19	660 N Cherry – Strong sewer odor. Buried MH. Exposed MH, vac out, jetted line. Replaced cover.	AS DH
6/29/19	2200 E Court St – Strong sewer smell near APT 407. No bad odor in area. Checked clean out, no back up, no odor, called back resident	AS

Storm Calls:

- Cleaned intakes with recent storms throughout the City.

July 2019

Area Cleaning:

- Preparing lines throughout the City for Chicago Power Rodding infrastructure upgrading efforts.

Televising:

- Many areas throughout the City as preventative measures.

Lift Stations:

- Daily inspection of all Lift stations
- Routine PM and weekly station operation verification
- Cleaned check valves on Pump 1 and 2 Northland.
- Cleaned dry wet well of Northland station and installed dehumidifier in dry well.
- Cleaned seal cartridge Northland Lift Station.
- Verified to see if any infiltration exists on the West Side of the Northland Station.
- Topped off oilers at Stone Street and greased upper and lower bearings Stone Street.
- Purged couplers pump 1,2 and 3 Stone Street
- Routine landscaping on several lift stations.
- Installed new solenoid valve in vacuum system pump 2 Kensington.

Miscellaneous:

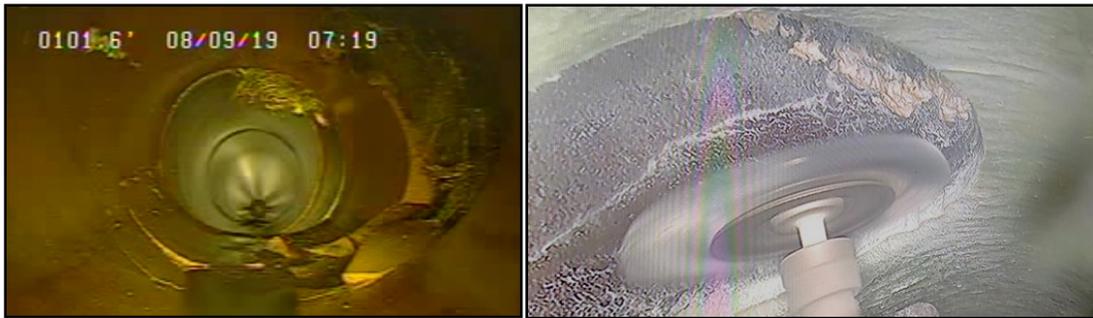
- Intake cleaning and repair (various locations).
- Meeting with local industry south of town at their force main manhole. Odor issues have been drastically reduced in there manufacturing process. They will need to come up with a solution to clean their force main.

Construction:

- Crews met with Kim Construction regarding manhole rehabilitation projects.
- Replaced several adjustable rings and manhole lids throughout the city.
- Replaced storm grate Jeffery and Curtis.
- 1100 block Cobb and Evergreen repaired 3 malfunctioning manhole lids.
- Evergreen and Duane repaired malfunctioning storm lid.
- Schuyler and Brookmont repaired 1 storm and 1 sanitary lid. Added 1 inch adjusting ring.
- 5th and Station St old brick manhole washed out. Blocked hole and installed 2 yards of flowable fill to repair damage.
- 9th and Charles storm pipe cracked. Replaced with 3' of 8" SDR 35 pipe.
- 5th and Brighton manhole failure. Dug it out and set a 2' by 2' storm catch basin. Rebuilt curb.
- W Clinton and 3rd Ave failure around pipe. 3 manholes repaired in this intersection.
- Eastridge Drive and N. Frontage Road sealed around washed out pipe. Issue repaired.
- Met with Visu Sewer to prepare for lining and other little projects throughout the City.
- Visu Sewer River Street Project Update.

Before

After



Sewer Calls:

- 170 South Winfield. – No issues in Cities Infrastructure. Televised for precautionary measures.
- 1481 S 4th Ave. - No issues in Cities Infrastructure. Jetted for precautionary measures.

Jetting and Televising:

- Unit 9 3,390 Linear Feet
- Unit 21 3,143 Linear Feet
- Camera Truck 2,005 Linear Feet

Storm Calls:

- Cleaned intakes with recent storms throughout the City.

August 2019

Area Cleaning:

- Preventative Maintenance of Sanitary and Storm mains addressed. Several potential trouble spots added to the list.

Lift Stations:

- Daily inspection of all Lift stations.
- Routine PM and weekly station operation verification.

Northland:

- Potential source of major infiltration found. Will dig deeper into a solution.

West Gracefield:

- Community Power outage, ran on back up generator for a short time.

Indian Meadows:

- Transducer and back up float system fail. New transducer style and surge protectors installed. Station back in service.

Stone Street:

- Gas detection system tested, calibrated and is back up and running.

Miscellaneous:

- Intake cleaning and repair (various locations).
- Meeting with local industry south of town at their force main manhole. Odor issues have been drastically reduced in there manufacturing process. They will need to come up with a solution to clean there force main.

Construction:

- Intake cleaning and repair (various locations).
- River St Sanitary line has been relined by VisuSewer.
- Loose MH lid on Brookmont Blvd secured.
- 12 storm inlets repaired in house this month.

Sewer Calls:

Date	Location & Description	Staff
8/19	1711 Oaktree LN. Main backed up found during Locate. Jetted main, backup receded.	GS
8/23	Riverstone Parkway. Stone and debris in line from TSC construction. Vac out MH and jetted line.	AA GP
8/24	355 S 5 th Ave. Sewer back up. Flow moving slowly, no upstream MH. Jetted line, flow normal. Homeowner's sewer lateral issue resolved.	GP DH

Jetting and Televising:

- Area Cleaning 10,305 ft (1.95 miles)
- Televising 2,620 ft (0.5 miles)

September 2019

Area Cleaning:

- Preventative Maintenance of Sanitary and Storm mains addressed. Several potential trouble spots added to the list.

Lift Stations:

- Daily inspection of all Lift stations.
- Routine PM and weekly station operation verification.
- Several Power Outages through out the community. All equipment transitioned in and out of these outages with no problems.

500:

- Painted lift station floors.
- Replaced brass tube for flush line.

Stone Street:

- Odor levels within the station are being kept under control with the new media that was installed at the beginning of summer.

Storm:

- Checked on drainage around Riverstone Parkway.

Sanitary:

- Investigated several businesses in Meadowview to see which ones were tied to the City of Kankakee Mains. Infrastructure in this area is Bradley's responsibility.
- Tap inspection 1147 W Wilson.

Miscellaneous:

- Intake cleaning (various locations).

Construction:

- Intake repair (various locations).
- 995 N Entrance Ave 2 repairs – seal around pipe was not present. Pipe repaired.
- 185 S Firth and Gordon – Catch Basin collapsed, Demoed old structure. Replaced catch basin and 3 foot of 10" pipe.
- 1801 Duane and Country Club Drive – brick catch basin collapse. Set new barrel and reset curb frame and grate.
- 698 N. Schuyler and E Mulberry – broken pipe, dug up area and replace 8 foot of 10" pipe.

- Alley between Lincoln and Popular by River St. – alley issues due to bad sewer main. Main was already slip lined. Area prepared for asphalt patch.
- 1500 E. Willow St and Cottage Ave – sealed around pipe, Curb frame no longer there. Everything repaired and back in order.
- Reviewed several bids with Visu-Sewer regarding several projects in the community.

Sewer Calls:

Address	Time & Date	Findings	Resolution	Crew
503 Riverstone Parkway	3:00 PM 9/18/19	Business owner complaint – Sewer Gas Smell.	Crew responded immediately. Line flowing fine, some odor in line, no blockage. Mentioned to owner to make sure water is in floor drains and shared with the owner they need to check their sanitary roof vent. As a preventative measure jetted line 9/19/19 anyway.	AA, GP

Jetting and Televising:

- Area Cleaning 8,885 Feet
- Televising 2,000 Feet

October 2019

Area Cleaning:

- Preventative Maintenance of Sanitary and Storm mains addressed. Several potential trouble spots added to the list.
- Intake cleaning various locations in anticipation of fall leaves blocking surface infrastructure.

Lift Stations:

- Daily inspection of all Lift stations.
- Routine PM and weekly station operation verification.
- Several Power Outages through out the community. All equipment transitioned in and out of these outages with no problems.

Gar Creek:

- Debris caused slight backup. Wet well vacuumed out and transducer cleaned. Station back in service.

308:

- New in line heater.

Depot:

- Depot Fountain and sprinkler system closed and winterized for the season.

Storm:

- Checked on drainage around Riverstone Parkway.

Miscellaneous:

- Intake cleaning (various locations).

Jetting and Televising:

- Area Cleaning 13,010 Feet
- Televising 5,740 Feet

Construction:

- 12 Storm intake repair (various locations throughout the City). Approximately \$60,000 savings this month by resolving issues in house.

Sewer Calls:

Date	Location & Description	Staff
10/14	805 N Evergreen. Sewer Back up in residence. Line flowing at MHs. Jetted 575 feet of line for preventative measure.	AA GP
10/14	410 N Union. Sewer Back up in residence. Line flowing at MHs. Jetted 475 feet of line for preventative measure.	AA GP
10/23	401 Butterfield. No flow at building. Main lines flowing. Jetted lines going N and W. Grease build up and 'flushable' wipes pulled back. Vacuumed MH.	AA GP
10/23	896 and 912 S Myrtle. Main clear at 912, but slow at 896. Jetted main for 896 S Myrtle.	BB DH
10/28	Tholens 31 E 2500 S. Odor complaint. Odor found in area. Recommended check valve installation and trap verification.	BB DH
10/29	770 S Wildwood. Sewer Back up in residence. Line flowing. Televised line. 28 feet from MH saw that mainline is open and flowing, 770 S Wildwood tap is clean and open.	4AA GP
10/29	553 S Cannon. Sewer Back up at residence. Main line flowing. Televised line and found 553 S Cannon tap full of roots, main line open and clear.	AA GP

November 2019

Lift Stations:

- Daily inspection of all Lift stations
- Routine PM and weekly station operation verification.
- Changed month charts in all lift stations
- Sinkhole Wall & Court

Stone Street

- Trend lift station from central location
- Checked and filled oilers
- Checked pumps for leaks

Unit 19 and Unit 21- Area cleaning

- Manhole to manhole total footage: 7,567 ft
- Camera footage: 1,625 ft

Storm:

- Checked on drainage around Riverstone Parkway.
- Survey complete by the Hilton and based on preliminary evaluation water is properly draining towards detention pond.
- Intake cleaning (various locations).

Sewer Calls:

Date	Location & Description	Staff
11-25	444 S Tanner. Sewer Back up into basement. Jetted 12" line. Pulled back grease.	AA GP
12-1	1464 W Van Meter. Sewer back up into basement. Main behind house not flowing properly. Found empty manhole and Jetted line from there. Blockage cleared, line opened up and flowing properly.	BB JH

December 2019

Lift Stations:

- Daily inspection of all Lift stations
- Routine PM and weekly station operation verification.
- Changed month charts in all lift stations

Stone Street

- Trend lift station from central location
- Checked and filled oilers
- Flow trending up
- Mobile lift station trending viewer trouble shooting

Manteno

- Radiator issues resolved

308

- Radiator issues resolved
- Cleaned check valve

Kensington

- Rebuild vacuum pump

KCC

- Backflush pump 1; pump placed back in service

Unit 19 and Unit 21- Area cleaning

- Manhole to manhole total footage: 7,310 ft
- Camera footage: 2,440 ft

Items Identified this month during area cleaning and preventive maintenance from inspection software. Items will be placed on the repair list:

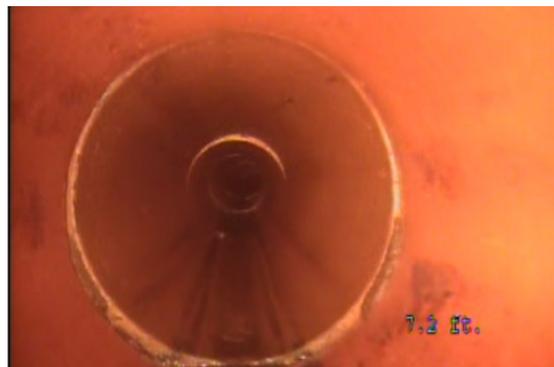
700 Block N Park-Broken Pipe - hole in line



300 Block S Small - Severe joint infiltration



300 Block S Small Inspection - Clean pipe



Storm:

- Verified drainage around Riverstone Parkway.
- Survey complete by the Hilton and based on preliminary evaluation water is properly draining towards detention pond. Meeting with Neil and Legal will continue.

Sewer Calls:

Date	Location & Description	Staff
11-25	444 S Tanner – Back up in residence – Condition Found: main flowing normally – Action Taken: Jetted line, pulled back grease and a piece of broken off rodder line possibly from contractor.	AA GP
12-1	1464 W Van Meter – Back up in residence – Condition Found: main backed up behind house – Action Taken: Jetted line from nearest available manhole. Blockage cleared.	BB
12-24	714 N Park – Back up in residence – Condition Found: main flowing normally – Action Taken: Jetted line. Televised line, homeowner’s lateral has roots	GP
12-27	210 N Cottage – line blocked – Condition Found: home has its own lift station. Lift pump line is blocked, homeowner’s responsibility - Action Taken: Informed homeowner	AA GP BB JH
12-27	337 S Small – Back up in residence – Condition Found: Line running slowly. – Action Taken: Jetted line. Televised line, no problems found.	AA JH
12-28	601 N Cottage – receded backup in residence – Condition Found: line running slowly – Action Taken: Jetted line, Televised line, homeowner’s lateral has grease blockage.	AA JH

June 23, 2020

To : Kieth M

Re : Solid Waste Numbers

Kieth :

In 2019 we collected the following :

Street Sweepers	741 Tons
Alleys / Residential waste	439 Tons
Demolitions (hauled by ESU)	0 tons
Demolitions (50 Semi trailers hauled by Allied)	0 tons *

Total :1,172 tons

These numbers do not include weekly residential pick ups performed by Allied waste. Those numbers can be obtained by contacting them at (708) 272-6761

Dennis Doyle

* This number is an estimate assuming an average of 25 tons / trailer. It will vary considerably with the type of material being hauled. This department no longer performs in house demolitions.