

INSPECTION REPORT

Inspection Entry Date/Time	September 13, 2022 09:00 AM (CT)		Announced: Yes
Inspection Exit Date/Time	September 13, 2022 12:45 PM (CT)		Access: Granted
Weather	Overcast, 60°F		
Media	Water		
Statute(s)/Program(s)	Clean Water Act, NPDES		
Type of Inspection	MS4 Screening Level Evaluation		
Permittee Name	City of Chicago Heights, Illinois		
Facility or Site Name	City of Chicago Heights, Illinois		
Facility/Site Physical Address	1601 Chicago Road		
City, State, Zip Code	Chicago Heights, Illinois 60411		
County/Borough/Parish	Cook County		
Facility GPS Coordinates	41.50245, -87.64059		
Mailing Address (If different)	N/A		
City, State, Zip Code	N/A		
FRS ID	110018215162		
Permit Number	ILR400174		
SIC and/or NAICS	N/A		
Regulatory Representatives Participating in Inspection:			
Title	Name	Organization	
Environmental Engineer	Ted Flatebo	U.S. EPA	
Environmental Engineer	Keith Middleton	U.S. EPA	
Lead Inspector:			
Ted Flatebo			
Flatebo, Theodore Digitally signed by Flatebo, Theodore Date: 2022.10.11 09:07:16 -05'00'	U.S. EPA Region 5	Flatebo.Ted@epa.gov	(312) 886-9402
Supervisor Review:			
Ryan Bahr			
Bahr, Ryan Digitally signed by Bahr, Ryan Date: 2022.10.12 17:27:19 -05'00'	U.S. EPA Region 5	Bahr.Ryan@epa.gov	(312) 353-4366

SECTION I – INTRODUCTION**Site Entry and Inspection Objectives**

U.S. EPA Region 5 (EPA) Lead Inspector, Ted Flatebo, arrived at the City of Chicago Heights (the “City”), located at 1601 Chicago Road, Chicago Heights, Illinois 60411, at 09:00 AM (CT) on September 13, 2022 for an announced inspection. He was accompanied by EPA inspector Keith Middleton. The two inspectors will collectively be referred to as the inspection team. Both members of the inspection team presented their credentials to Mr. Aaron DelValle, City of Chicago Heights Public Works Director, and informed him that this was an EPA inspection to determine compliance as authorized by Clean Water Act (CWA) Section 308 and implementing regulations. This report is based on information supplied by City representatives, direct observations made by EPA inspectors, records and reports maintained by the permittee and other information including: photographs taken by EPA inspectors, physical evidence collected by the EPA inspectors, measurements taken by EPA inspectors, verbal or written statements made by information supplied by City employees or City contractors during or subsequent to the on-site Inspection, and materials, processes, data, photographs, or documents shown, demonstrated, or submitted to EPA inspectors by City of Chicago Heights representatives during or subsequent to the on-site Inspection. In addition, information gathered prior to or subsequent to the Inspection from a review of EPA, State, and/or public records may be included in this report.

Attendees

Organization	Attendee Name	Title	Present in Opening Conf.	Present in Closing Conf.
EPA Region 5	Ted Flatebo	Environmental Engineer	Yes	Yes
EPA Region 5	Keith Middleton	Environmental Engineer	Yes	Yes
City of Chicago Heights	Aaron DelValle	Public Works Director	Yes	Yes
City of Chicago Heights	Curtis Straczek	Sewer Foreman	Yes	Yes
Christopher Burke Engineering	John Caruso	Engineer	Yes	No
Christopher Burke Engineering	Andie Maertens-Pizzo	Engineer	Yes	No

Facility/Site Description

Mr. Flatebo confirmed the following facility information:

The City of Chicago Heights operates a small Municipal Separate Storm Sewer System (MS4). The purpose of the inspection was to determine the status of MS4 permit coverage for the City of Chicago Heights, and to review the City's implementation of MS4 permit program requirements.

The Phase II National Pollutant Discharge Elimination System (NPDES) regulations automatically cover, on a nationwide basis, any MS4 “located in an urbanized area as determined by the latest Decennial Census by the Bureau of the Census” (unless the MS4 qualifies for a waiver) 40 CFR § 122.32(a)(1). “Urbanized areas,” as defined by the Census Bureau when the Phase II regulations were issued, comprise areas “that together have a minimum population of 50,000 people.” 64 Fed. Reg. 68722, 68751 (December 8, 1999).

The universe of regulated small MS4s in urbanized areas expands every 10 years, according to the 1999 storm water Phase II final rule. A “small MS4” is any MS4 not already covered under Phase I of the NPDES storm water program. The City of Chicago Heights is within the Chicago, IL-IN urbanized area (UACE#16264), as defined by the U.S. Census Bureau, and subject to NPDES storm water regulation as a small MS4.

Facility/Site Information

Locations

Location/Area/Sub-area	Description
City Storage Facility	527 Ashland Avenue
Interview	1601 Chicago Road
MS4 Outfall 1	North of 461 Hamilton Wood
MS4 Outfall 2	Across the street from 535 Ashland Avenue
MS4 Outfall 3	Across the street from 438 Hamilton Wood
MS4 Outfall 74	West of the intersection of West Hickory Street and Buena Vista Circle
Streambank Management Project	Intersection of Dixie Highway and Hawthorne Lane
Streets Department Lot	1913 South Halsted Street
Streets Department Warehouse	1914 South Halsted Street
Water Department Lot	137 Lincoln Highway

SECTION II – OBSERVATIONS

Location: Interview	
Observation #: TF2-OB-010	Date: 09/13/2022
The inspection team held the opening conference at the City of Chicago Heights City Hall. They began by asking general questions about how the City complies with MS4 permit requirements. Mr. Delvalle provided the following information: -The Public Works Department assumes responsibly for most requirements under the MS4 permit. The City's Code Enforcement Department assumes responsibility for 2 Minimum Control Measures: Construction Site Storm Water Runoff Control and Post-Construction Storm Water Management in New Development and Redevelopment; -The City does not have any MS4 permit co-permittees; -The City provided the inspection team with a copy of its MS4 annual report covering March 2021 to March 2022. The report was signed by Mr. DelValle on June 14, 2022; -The City did not complete or submit MS4 annual reports to Illinois EPA for March 2017 to March 2021; -The City inspects one of its MS4 Outfalls located on Thorn Creek Basin Sanitary District property twice annually; -A City contractor completed an inspection of its MS4 Outfalls in August 2021; and	

-The City has submitted a Notice of Intent (NOI) to Illinois EPA for coverage under the next MS4 permit, which has not been issued yet. The NOI was signed by Mr. DelValle on November 12, 2021.

Observation #: TF2-OB-011

Date: 09/13/2022

The inspection team discussed what activities the City was doing to comply with each of the Illinois EPA General Permit for Small MS4 Minimum Control Measure requirements. The Mr. DelValle's responses are provided below.

- 1) Public Education and Outreach: The City posts educational material on the City's Website.
- 2) Public Involvement/Participation: The City conducts a Spring and a Fall leaf clean up drive annually.
- 3) Illicit Discharge and Elimination: The City updates storm and sanitary sewer maps on an annual basis.
- 4) Construction Site Storm Water Runoff Control: The City's Code Enforcement Department conducts inspections of construction sites to ensure compliance with Watershed Management Permits issued by the Metropolitan Water Reclamation District of Greater Chicago (MWRD).
- 5) Post-Construction Storm Water Management in New Development and Redevelopment: The City has no Post-Construction Storm Water Management in New Development and Redevelopment program.
- 6) Pollution Prevention/Good Housekeeping for Municipal Operations: The City has no formal Pollution Prevention/Good Housekeeping program for Municipal Operations.

A comprehensive list of activities is contained in the City's 2022 MS4 annual report.

Observation #: TF2-OB-012

Date: 09/13/2022

The inspection team asked Mr. DelValle for a summary of storm sewer or sanitary sewer projects have completed in the past 5 years. Mr. Caruso, the City's contract engineer, provided the following written summaries for past/future projects:

10th Street Culvert Replacement

Completed in 2021, the project consisted of the replacement in kind of two 48" diameter CMP culverts and a 44" x 72" arch CMP culvert at the intersection of 10th Street and Campbell Avenue.

Streambank Maintenance

Completed in 2022, approximately 3,900 linear feet of existing streambank was rehabilitated including removal of non-native species, tree removal, reshaping of side slopes, planting native prairie seed mixes and replacement of 10'W x 4'H concrete box culvert.

Saratoga Farms

Existing residential area bounded by Joe Orr Road on the north, stormwater detention basin to the east, Ranger Drive to the south and Lexington Drive to the west. The existing approximately 5,240 linear feet of storm sewers were televised and cleaned in 2021. A follow-up project, with construction beginning in fall 2022, will construct new 43" x 76" arch pipe on Enterprise Road and into the existing detention basin; and a new 3' x 5' box culvert between 575 and 579 Saratoga Drive to replace a collapsed CMP arch pipe. Chicago Road Culvert Replacement Illinois Department of Transportation (IDOT) recently replaced the existing culvert under Chicago Road at Thorn Creek Tributary adjacent Bloom High School with a new triple 12' x 6' box culvert.

Dixie Highway Culvert Replacement

IDOT is planning a similar culvert replacement project to the Chicago Road Culvert Replacement project on the Thorn Creek Tributary under Dixie Highway adjacent the west side of Bloom High School near Hawthorne Lane. The project is currently being designed by IDOT and is expected to be constructed within the next 3 to 5 years.

Euclid Hill Area Sewer Televising and Cleaning

The City has contracted to clean and televise approximately 37,000 linear feet of storm sewer and 35,000 linear feet of sanitary sewer within the area bounded by East End Avenue to the west, 22nd Street to the north, State Street to the east and 26th Street to the south. Also, storm sewer on 16th Street from Division Street on the west to Chicago Road on the east.

Sewer Collapse Repairs

The City contracted repairs to approximately 60 locations throughout the City of storm sewer or sanitary sewer collapses. Repairs ranging from misaligned frame and grates to pipe and structure (manhole or catch basin) repairs were performed and completed in spring 2022. An additional approximately 25 locations will be bid out in fall 2022 for additional repairs.

Observation #: TF2-OB-013**Date:** 09/13/2022

The inspection team asked Mr. DelValle if he was familiar with the approved Thorn Creek Watershed Total Maximum Daily Load (TMDL) Report and if the City has taken any actions to address the TMDL waste load allocations assigned to the City. Mr. DelValle stated he was not familiar with the report and the City had not taken any specific actions to address TMDL waste load allocations.

Document(s)

1. Thorn Creek TMDL_2021.01.pdf

Location: Streets Department Warehouse**Observation #:** TF2-OB-001**Date:** 09/13/2022

Following the opening conference, EPA inspectors begin the field portion of the inspection. They were accompanied by Mr. DelValle and Mr. Straczek. Mr. Caruso and Ms. Maertens-Pizzo left City Hall and concluded their participation in the inspection.

Within the Streets Department warehouse there are multiple floor drains and a variety of equipment including municipal vehicles, a vacuum truck, and a power washer. Mr. Straczek clarified the following points regarding warehouse activities:

- All the drains within the warehouse are storm drains, they not connected to the sanitary sewer;
- The power washer is used to remove ice and salt from equipment during winter. The wash water is disposed of via the interior flood drains;
- The vacuum truck is only used to remove storm water. If there is sanitary waste that needs to be removed, the City contracts out the work to a company that has their own vacuum truck; and

-No waste oil is generated within the warehouse. The City sends the vehicles out for preventative maintenance.

Photo(s)

1. [RIMG0081.JPG](#)

Location: Streets Department Lot**Observation #:** TF2-OB-002**Date:** 09/13/2022

Mr. DelValle stated that Illinois Environmental Protection Agency (Illinois EPA) representatives were at the facility on September 12, 2022 to remove used tires.

Inspectors observed separate piles for scrap metal, vegetation, and gravel. Mr. DelValle stated that at the end of the year he rents a wood-chipper to chip the accumulated vegetation which is then stored in the lot and used throughout the City as needed.

Inspectors did not observe any pile/material covers that that would prevent the contamination of storm water.

Photo(s)

1. [RIMG0082.JPG](#)
2. [RIMG0083.JPG](#)
3. [RIMG0084.JPG](#)

Location: Water Department Lot**Observation #:** TF2-OB-003**Date:** 09/13/2022

The City Water Department Lot contained an uncovered gas pump for municipal vehicles and separate piles of gravel and scrap metal. Adjacent to the gravel pile was a storm drain and inspectors observed a stream of water flowing through the gravel into the storm drain.

Other than the outdoor materials identified above, all other operations at this facility take place indoors.

The Water Department is not housed within the Public Works Department and has a separate director who did not participate in this inspection.

Photo(s)

1. [RIMG0085.JPG](#)
2. [RIMG0086.JPG](#)

Location: City Storage Facility**Observation #:** TF2-OB-004**Date:** 09/13/2022

The City Storage Facility contains a building for road salt storage and an open lot used for out-of-service municipal vehicle storage. The inspection team observed road salt stored within the building. Mr. DelValle stated that he currently had approximately 300 tons of road salt stored and that the building could

accommodate up to 800 tons if needed. He also stated that there is a storm drain under the road salt pile and that it has been capped to prevent the discharge of salt.

Inspectors observed approximately 20 municipal vehicles stored outdoors. Some vehicles appeared to operable while others appeared to be significant damaged.

Vegetation growth around the vehicles that made it difficult to observe if any of the vehicles were leaking fluids.

Photo(s)

1. [RIMG0089.JPG](#)
2. [RIMG0087.JPG](#)
3. [RIMG0087.JPG](#)

Location: Streambank Management Project

Observation #: TF2-OB-005

Date: 09/13/2022

The inspection team observed a stream bank management project completed by the City in 2022. The stream bank was cleared of vegetation and the banks were stabilized with rocks.

Adjacent to the intersection of Dixie Highway and Hawthorne Lane is a box culvert. Mr. DelValle explained that IDOT is scheduled to complete an expansion project for this culvert in the next 3 to 5 years.

Photo(s)

1. [RIMG0090.JPG](#)

Location: MS4 Outfall 74

Observation #: TF2-OB-006

Date: 09/13/2022

The inspection team observed MS4 Outfall 74. The Outfall was obscured by rocks and was completely submerged in water. There was not a clearly defined flow path from the Outfall to Thorn Creek.

Photo(s)

1. [RIMG0091.JPG](#)

Location: MS4 Outfall 3

Observation #: TF2-OB-007

Date: 09/13/2022

The inspection team observed MS4 Outfall 3, which is a grated manhole. The Outfall was partially covered by tree roots. Mr. Straczek explained that this Outfall is set at a lower elevation than the inlet located on Hamilton Wood and that storm water is intended to discharge out of the top of the grated manhole.

Photo(s)

1. [RIMG0092.JPG](#)

Location: MS4 Outfall 1

Observation #: TF2-OB-008

Date: 09/13/2022

The inspection team observed MS4 Outfall 1. The Outfall was nearly completely backfilled with sediment. There is not a clearly defined flow path from this Outfall to Thorn Creek, which are approximately 100 feet apart.

Photo(s)

1. [RIMG0093.JPG](#)

Location: MS4 Outfall 2**Observation #:** TF2-OB-009**Date:** 09/13/2022

The inspection team observed MS4 Outfall 2. This Outfall is located in a residential front yard. No concerns were noted with this Outfall.

Photo(s)

1. [RIMG0094.JPG](#)

SECTION III – RECORDS REVIEW

Records may not be in sequential order.

Record: Permit		AOC: Yes
Ref #: TF2-RR-001	Reviewed By: Ted Flatebo	Reviewed Date: 09/27/2022
The Illinois EPA NPDES General Permit for Small MS4 systems, in section III.C, places requirements on permittees that are subject to approved TMDLs. The permittee is required to determine if they are meeting the TMDL waste load allocations (WLAs) and if not, they're required to modify their storm water management program (SWMP) to achieve the WLAs. Mr. DelValle stated that the City has not taken steps to determine if it is in compliance with the TMDL waste load allocations.		
Record: Permit		AOC: Yes
Ref #: TF2-RR-002	Reviewed By: Ted Flatebo	Reviewed Date: 09/27/2022
The City's MS4 system discharges storm water to Thorn Creek. The Thorn Creek Watershed has a TMDL report, which was approved in January 2021. The TMDL report identifies that the City is contributing the following pollutants to Thorn Creek which have a WLA: -Fecal Coliform -Chloride -Dissolved Oxygen -Total Phosphorous -Zinc		
Record: Inspection Report – Previous		AOC: Yes

Ref #: TF2-RR-003	Reviewed By: Ted Fletebo	Reviewed Date: 09/27/2022
The City's MS4 collection system has approximately 59 Outfalls. The Outfalls were inspected in August 2021 by a City contractor and the findings were summarized in an inspection report. The MS4 Outfall inspection report included the following information: -Three Outfalls could not be located; -Nine Outfalls were inaccessible and were visualized upstream; -Seventeen Outfalls were either partially or fully submerged; and -Nineteen Outfalls required repair or replacement.		
Record: Permit		AOC: No
Ref #: TF2-RR-004	Reviewed By: Ted Fletebo	Reviewed Date: 09/27/2022
The Illinois EPA General Small MS4 Permit (ILR40XXXX) was issued on February 10, 2016, effective on March 1, 2016, and was scheduled to expire on February 28, 2021. Illinois EPA has administratively extended the permit and it was in effect on the date of inspection. As of the date of this inspection report, Illinois EPA has not issued a new General Small MS4 Permit.		
Record: Other - MS4 Notice of Intent		AOC: No
Ref #: TF2-RR-005	Reviewed By: Ted Fletebo	Reviewed Date: 09/27/2022
The City has submitted a Notice of Intent (NOI) for coverage under the next Illinois EPA Small MS4 Permit. The NOI was signed by Mr. DelValle on November 12, 2021.		
Record: Permit		AOC: Yes
Ref #: TF2-RR-006	Reviewed By: Ted Fletebo	Reviewed Date: 09/27/2022
The City could not produce records showing it inspected construction sites to verify compliance with storm water requirements contained in a Watershed Management Permit issued by the Metropolitan Water Reclamation District of Greater Chicago (MWRD).		
Record: Permit		AOC: Yes
Ref #: TF2-RR-007	Reviewed By: Ted Fletebo	Reviewed Date: 09/27/2022
The City failed to develop and submit annual MS4 reports from March 2016 to March 2021.		
Record: Permit		AOC: Yes
Ref #: TF2-RR-008	Reviewed By: Ted Fletebo	Reviewed Date: 09/27/2022
The MS4 annual report developed by the City for the March 2021 to March 2022 period does not address Thorn Creek TMDL requirements.		
Record: Permit		AOC: Yes

Ref #: TF2-RR-009	Reviewed By: Ted Flatebo	Reviewed Date: 09/27/2022
The City failed to develop and implement a monitoring and assessment program to evaluate the effectiveness of storm water pollution prevention best management practices (BMPs).		

SECTION IV – SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

No sampling was conducted.

SECTION V - AREAS OF CONCERN (AOC)

Areas of Concern may not be in sequential order.

The presentation of areas of concern does not constitute a formal compliance determination or violation.

AOC Reference #: TF2-OB-001	Location: Streets Department Warehouse
Regulation and/or Permit Requirement:	
NPDES Permit ILR400174, Part III, Section B.6.b.i	
AOC:	
The washdown of municipal vehicles during the winter, with flow wash water discharged via a storm drain to Thorn Creek, likely contributes chloride to the impaired water body.	

AOC Reference #: TF2-OB-002	Location: Streets Department Lot
Regulation and/or Permit Requirement	
NPDES Permit ILR400174, Part IV, Section B.6.b.ii	
AOC:	
Inspectors did not observe any material/pile coverings that would prevent the contamination of storm water.	

AOC Reference #: TF2-OB-003	Location: Water Department Lot
Regulation and/or Permit Requirement	
NPDES Permit ILR400174, Part IV, Section B.6.b.ii	
AOC:	
Adjacent to the gravel pile was a storm drain and inspectors observed a stream of water flowing through the gravel into the storm drain.	

AOC Reference #: TF2-OB-007	Location: MS4 Outfall 3
Regulation and/or Permit Requirement	
NPDES Permit ILR400174, Attachment H, Condition 5	
AOC:	

The Outfall was partially covered by tree roots.

AOC Reference #: TF2-OB-008	Location: MS4 Outfall 1
Regulation and/or Permit Requirement NPDES Permit ILR400174, Attachment H, Condition 5	
AOC: The Outfall was nearly completely backfilled with sediment.	

AOC Reference #: TF2-OB-006	Location: MS4 Outfall 74
Regulation and/or Permit Requirement NPDES Permit ILR400174, Attachment H, Condition 5	
AOC: The Outfall was obscured by rock and was completely submerged in water.	

AOC Reference #: TF2-RR-009	Location: Interview
Regulation and/or Permit Requirement NPDES Permit ILR400174, Part V, Section A	
AOC: The City failed to develop and implement a monitoring and assessment program to evaluate the effectiveness of storm water pollution prevention BMPs.	

AOC Reference #: TF2-OB-013	Location: Interview
Regulation and/or Permit Requirement NPDES Permit ILR400174, Part III, Section C.7	
AOC: Mr. DelValle said he was not familiar with the approved Thorn Creek TMDL report, and the City has not taken any actions to address TMDL waste load allocations.	

AOC Reference #: TF2-RR-001	Records Review: Permit
Regulation and/or Permit Requirement NPDES Permit ILR400174, Part V, Section C	
AOC: The MS4 annual report developed by the City for the March 2021 to March 2022 period does not address Thorn Creek TMDL requirements.	

AOC Reference #: TF2-RR-007	Records Review: Permit
Regulation and/or Permit Requirement NPDES Permit ILR400174, Part III, Section C	
AOC: City failed to develop and submit annual MS4 reports from March 2016 to March 2021.	

AOC Reference #: TF2-RR-006	Records Review: Permit
Regulation and/or Permit Requirement NPDES Permit ILR400174, Part III, Section B	
AOC: The City could not produce records showing it inspected construction sites to verify compliance with storm water requirements contained in a Watershed Management Permit issued by the Metropolitan Water Reclamation District of Greater Chicago (MWRD).	

AOC Reference #: TF2-RR-003	Records Review: Inspection Report – Previous
Regulation and/or Permit Requirement NPDES Permit ILR400174, Attachment H, Condition 5	
AOC: The MS4 Outfall inspection report included the following information: -Three Outfalls could not be located; -Nine Outfalls were inaccessible and were visualized upstream; -Seventeen Outfalls were either partially or fully submerged; and -Nineteen Outfalls required repair or replacement.	

AOC Reference #: TF2-RR-001	Records Review: Permit
Regulation and/or Permit Requirement NPDES Permit ILR400174, Part III, Section C	
AOC: The City has not taken steps to determine if is in compliance with the TMDL waste load allocations.	

SECTION VI – CLOSING CONFERENCE AND FOLLOW UP**Closing Conference**

The EPA inspection team held an inspection closing conference with City personnel at 12:45 PM (CT) on September 13, 2022. During the closing conference, the inspection team discussed the observations and Areas of Concern identified during the inspection. Observations and Areas of Concern have not yet been evaluated for a formal compliance determination. Following the closing conference, EPA inspectors left the City of Chicago Heights.

Communication Log

The following information was received by EPA after the inspection.

Type	Point of Contact	Description	Contains PII	Date
Email	Aaron DelValle	Emailed Mr. DelValle requesting copies of specific documents which were discussed during the course of the inspection.	No	09/14/2022 01:33 PM (CT)
Email	Aaron DelValle	Mr. DelValle responded to Mr. Flatebo's document request email and provided some of the documents. He stated that he was in the process of gathering the remaining documents and he would provide them as soon as possible.	No	09/19/2022 02:40 PM (CT)
Email	Aaron DelValle	Mr. DelValle sent a second email with the requested documents. This email included all of the outstanding documents and completed Mr. Flatebo's request.	No	09/23/2022 11:17 AM (CT)

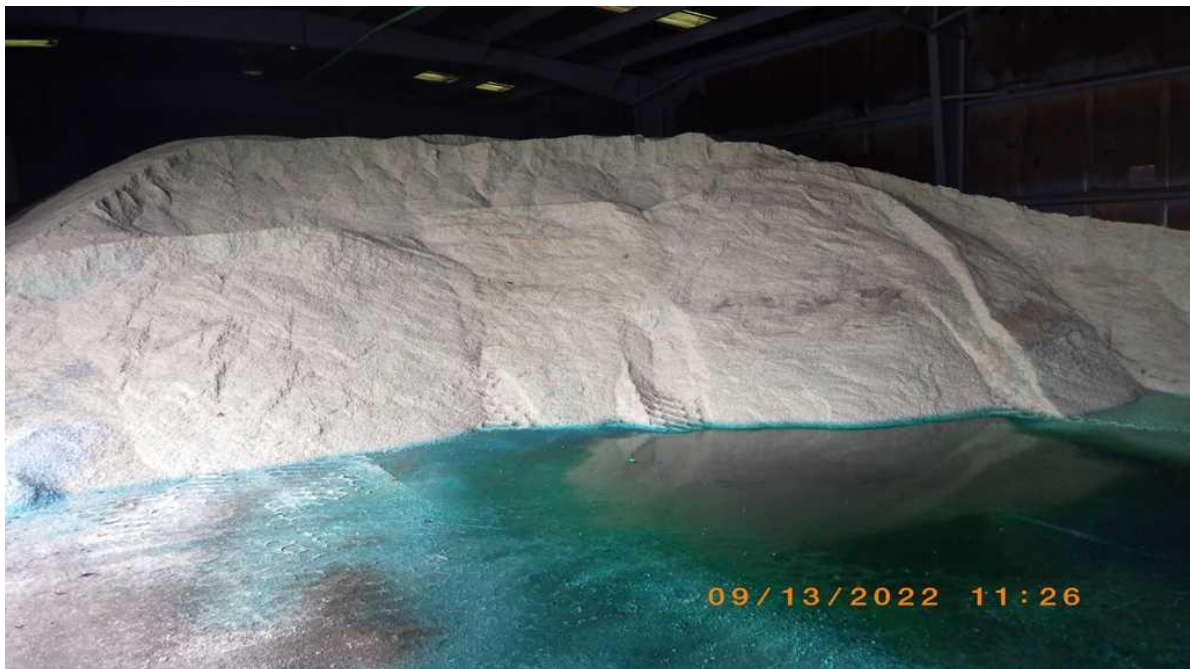
SECTION VII – LIST OF APPENDICES

1. Photo Log
2. Document Log

APPENDIX 1: PHOTO LOG



Municipal Vehicle Storage	RIMG0089.JPG	
09/13/2022 11:30 AM	Photographer: Ted Flatebo	
City Storage Facility	No CBI	No PII
Collection of out-of-service municipal vehicles stored outdoors. Area under individual vehicles is obscured by vegetation.		



Road Salt Storage	RIMG0087.JPG	
09/13/2022 11:26 AM	Photographer: Ted Flatebo	
City Storage Facility	No CBI	No PII
Road salt storage pile. Note standing water is in contact with the salt in the foreground.		



MS4 Outfall 1	RIMG0093.JPG	
09/13/2022 12:25 PM	Photographer: Ted Flatebo	
MS4 Outfall 1	No CBI	No PII
Overview of MS4 Outfall 1. Note pipe is almost completely filled in with sediment.		



MS4 Outfall 2	RIMG0094.JPG	
09/13/2022 12:32 PM	Photographer: Ted Flatebo	
MS4 Outfall 2	No CBI	No PII
Overview of MS4 Outfall 2.		



MS4 Outfall 3	RIMG0092.JPG	
09/13/2022 12:19 PM	Photographer: Ted Flatebo	
MS4 Outfall 3	No CBI	No PII
Overview of MS4 Outfall 3. Note tree growth over manhole. This Outfall is designed to discharge water out of the top of the manhole.		



MS4 Outfall 74	RIMG0091.JPG	
09/13/2022 11:58 AM	Photographer: Ted Flatebo	
MS4 Outfall 74	No CBI	No PII
Overview of MS4 Outfall 74. Note clay pipe is completely submerged underwater and obscured by rocks.		



Streambank Management Project	RIMG0090.JPG	
09/13/2022 11:40 AM	Photographer: Ted Flatebo	
Streambank Management Project	No CBI	No PII
Overview of streambank management project completed by the City in 2022. Illinois Department of Transportation (IDOT) is scheduled to expand the culvert in photo from one culvert to three in the next 3-5 years.		



Overview of Streets Department Lot	RIMG0082.JPG	
09/13/2022 10:59 AM	Photographer: Ted Flatebo	
Streets Department Lot	No CBI	No PII
Outdoor vegetation pile.		



Overview of Streets Department Lot	RIMG0083.JPG	
09/13/2022 11:00 AM	Photographer: Ted Flatebo	
Streets Department Lot	No CBI	No PII
Scrap metal pile and dumpster. Note both the scrap metal pile and dumpster are both uncovered.		



Street Department Gravel Storage	RIMG0084.JPG	
09/13/2022 11:01 AM	Photographer: Ted Flatebo	
Streets Department Lot	No CBI	No PII
Gravel storage piles in Streets Department lot. Note gravel piles are not protected from storm water.		



Streets Department Warehouse Storm Drains	RIMG0081.JPG	
09/13/2022 10:51 AM	Photographer: Ted Flatebo	
Streets Department Warehouse	No CBI	No PII
Storm drain located within the Streets Department Warehouse.		



Gas Pumping Station	RIMG0085.JPG	
09/13/2022 11:08 AM	Photographer: Ted Flatebo	
Water Department Lot	No CBI	No PII
Gas pump located within the Water Department yard. Note gas pump does not have a structure covering it.		



Gravel Storage	RIMG0086.JPG	
09/13/2022 11:10 AM	Photographer: Ted Flatebo	
Water Department Lot	No CBI	No PII
Gravel stored in Water Department lot. Note water is entering storm drain located adjacent to gravel pile.		

APPENDIX 2: DOCUMENT LOG

Document Type	Document Name	Contains CBI	Contains PII	Uploaded By	Date Received
Permit	Thorn Creek TMDL_2021.01.pdf	No	No	Ted Fletebo	09/27/2022
Communications	Stormwater Projects_Executive Summaries_2022.09.pdf	No	No	Ted Fletebo	09/27/2022
Permit	Watershed Management Permit_2020.08.pdf	No	No	Ted Fletebo	09/27/2022
Facility SOPs	SSO Reporting SOP.pdf	No	No	Ted Fletebo	09/27/2022
Other - MS4 Annual Report	MS4 Annual Report_Chicago Heights_2022.06.pdf	No	No	Ted Fletebo	09/27/2022
Other - MS4 Notice of Intent	MS4 Notice of Intent_Chicago Heights_2021.11.pdf	No	No	Ted Fletebo	09/27/2022