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Director
Public Works Department*

VIA ELECTRONIC TRANSMISSION
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March 29, 2019

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section

Subject: NPDES Permit No. ILS000001

Dear Sir or Madam:

The City of Rockford hereby submits its 2018 Annual Report for the subject stormwater permit. Please feel free to contact me by phone or email if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brad Holcomb".

Brad Holcomb
Stormwater Manager
City of Rockford Public Works Department
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ANNUAL REPORT
Calendar Year 2018
CITY OF ROCKFORD, ILLINOIS
MUNICIPAL SEPARATE STORM SEWER SYSTEM

NPDES Permit No. ILS000001

TABLE OF CONTENTS

1. INTRODUCTION	1
2. STATUS OF SWMP	2
2.1 STRUCTURAL CONTROLS	2
2.2 EROSION & SEDIMENTATION CONTROL, CONSTRUCTION SITE RUNOFF AND POST-CONSTRUCTION STORMWATER MANAGEMENT PROGRAM.....	9
2.3 ROADWAYS.....	11
2.4 FLOOD CONTROL.....	13
2.5 PESTICIDE, HERBICIDE AND FERTILIZER (PHF) APPLICATION	19
2.6 ILLICIT DISCHARGES AND IMPROPER DISPOSAL.....	21
2.7 SPILL PREVENTION AND RESPONSE	23
2.8 INDUSTRIAL AND HIGH RISK RUNOFF	24
2.9 PUBLIC EDUCATION, POLLUTION PREVENTION AND GOOD HOUSEKEEPING	26
3. SWMP FISCAL MATTERS, EFFECTIVENESS AND OTHER ISSUES.....	29
3.1 ANNUAL EXPENDITURES	29
3.2 PROGRAM REVIEW.....	30
3.4 ENFORCEMENT ACTIONS.....	31
REFERENCES	31

APPENDICES

- A. WATER QUALITY MONITORING DATA
- B. STORMWATER POLLUTANT LOADS
- C. CITY OWNED/MANAGED DETENTION BASINS AND FLOOD CONTROL
STRUCTURES MAINTENANCE
- D. MULTI YEAR FLOOD CONTROL PROJECTS
- E. PAST YEARS FLOOD, DRAINAGE AND STREAMBANK STABILIZATION PROJECTS
- F. IEPA PERMITTING UPDATES, PLAN REVIEWS AND INSPECTION FREQUENCIES
- G. EROSION AND SEDIMENT CONTROL INSPECTIONS
- H. CITY OF ROCKFORD STAFF TRAINING
- I. ILLICIT DISCHARGE DETECTION AND ELIMINATION REPORTS &
INVESTGATIONS
- J. INDUSTRIAL HIGH RISK RUNOFF INSPECTIONS
- K. PUBLIC EDUCATION EVENTS

1. INTRODUCTION

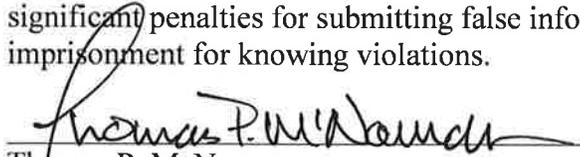
This report is prepared in compliance with the City of Rockford's NPDES Stormwater Permit No. ILS000001. The report contains information for calendar year 2018. The NPDES permit Part V.B (2015 Permit) requires a system-wide report containing the following sections:

Required Information	See Herein
1. Status of SWMP	Chapter 2
2. SWMP Modifications	Chapter 3
3. Revisions to the Assessments of Controls and Fiscal Analysis	Chapters 3
4. Overall Summary of Data	Appendices B & C
5. Annual Expenditures	Chapter 3
6. Summary of Enforcement Actions, Inspections and Public Education Programs	Chapters 2 & 3
7. Identification of Water Quality Improvements or Degradation	Appendices B & C
8. Locations of Monitoring Outfalls	Appendix A
9. Summary of SWMP Experiences	Chapter 3
10. Summary of Effectiveness and Accuracy of Monitoring Program	Chapter 3

Note: The City started a new permit term in October of 2015,

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.


 Thomas P. McNamara
 Mayor, City of Rockford

Date: 3/28/2019


 Mark Stockman
 Public Works Director

Date: 3-28-19

2. STATUS OF SWMP

Part III in the 2015 permit, Schedules for Implementation and Compliance, requires the City to provide summaries of implementation components of the Stormwater Management Program (SWMP):

- Structural Controls
- Erosion & Sedimentation Controls, Construction Site Runoff and Post-Construction Stormwater Management Program
- Roadways
- Flood Control
- Pesticide, Herbicide and Fertilizer Application
- Illicit Discharge and Improper Disposal
- Industrial and High Risk Runoff
- Public Education, Pollution Prevention and Good Housekeeping

The activities undertaken in these areas and status of compliance with permit conditions are described in this chapter of the report. The City began operating under its current Municipal Separate Storm Sewer System (MS4) permit on October 1, 2015.

During 2018, the City’s Stormwater Management Program accomplished a myriad of new and continuing objectives, which are detailed within this report.

2.1 STRUCTURAL CONTROLS

This section addresses Part II.A.1. and Part III.A of the permit.

The City continues to inspect and maintain data on basins as well as other features of the stormwater system. The City regularly updates its spatial and tabular databases that record inspections, complaints and maintenance items, master planning, and compliance with NPDES permit conditions. Details from a January 2019 overview of the most important databases for structural controls are located in Table 1.

TABLE 1 CITY OF ROCKFORD STORM SEWER INFORMATION SYSTEM		
Theme	Database Fields / Features	Comment
Detention Basin Structure	Detention structure No., Location, date, last rainfall, sediment present, floatables present, water present, ID link to inspections	459 detention structures all but 15 of which are privately owned (see Appendix C)
Culvert	Location, material type, ID, shape, length, upstream and downstream invert elevations, size, other	817 records (note: previous years data showed number of culverts county-wide versus City of Rockford)
Storm Sewer	Location, ID, shape, size	30,205 records (2,217 Private)
Manholes	Installation date, diameter, frame material, condition, inspection date, inspector	9,373 records (793 Private)
Inlets	Installation date, type, inspection date, inspector	21,827 records (1,488 Private)
Outfalls	Size, material, end structure, drainageway	1,269 records
Storm Camera CCTV	Preventative Maintenance, Condition of Pipe	32 pipes Televised (5,255 Ln. Ft.)

The City purchased a CCTV Camera System from CUES, Inc. in March 2017 and implemented it in June 2017. The GraniteNet software used with the TV Camera in combination with Geographic Information System (GIS) mapping allows the Stormwater team to identify problematic areas, view videos and create reports based on the operator’s inspections. It also scores pipes based on assessment conditions.

Per the permit, the City must operate and maintain any stormwater structural controls for which they are the owner or operator in a manner to reduce the discharge of pollutant loading to the maximum extent practicable. In compliance with the permit, the City of Rockford continually maintains their stormwater system, including basin improvements. Appendix D contains information about City-owned or City-operated stormwater control basins and structures including an update of recent maintenance activities and improvements:

The City regularly evaluates the storm sewer system for opportunities to improve water quality and quantity concerns of the system. Table 2 shows the number of stormwater service requests generated through the Street Division and the Hansen system. The requests are broken out to show the number of requests generated by citizens (reactive) and requests generated by City staff (proactive) as they are in the area for other duties or as part of the regularly scheduled maintenance.

TABLE 2 YEARLY STORMWATER REQUESTS FOR SERVICE			
	2016	2017	2018
# of Requests Generated	479	513	336
Generated Proactively	319	304	66
Generated Reactively	160	209	280
Inspected per SOP Requirements	100%	100%	100%

The service requests include inlet and pipe cleaning or repairs, missing manhole covers, trash rack cleaning, detention basin maintenance as well as other various storm system maintenance. Table 3 shows a yearly summary of inlet maintenance and repairs. Capital Improvement Program (CIP) inlet maintenance is not included in the service requests listed in Table 2, but are completed through proactive inspections as the City completes its annual CIP projects.

TABLE 3**YEARLY COMPARISON OF INLET MAINTENANCE AND REPAIRS**

<u>Year</u>	<u>Number of Inlets Deducted (Street Division)</u>	<u>Number of Manholes Deducted (Street Division)</u>	<u>Number of Inlets Repaired (Street Division)</u>	<u>Number of Manholes Repaired (Street Division)</u>	<u>Feet of Storm Drains Cleaned (Street Division)</u>	<u>Quantity (Tons) of Debris Removed</u>	<u>Inlets & Manholes Installed & Repaired Through CIP</u>
2012	175	16	55	13	3,583	*	579**
2013	85	0	110	5	1,271	*	446**
2014	112	22	130	22	2,638	*	484**
2015	219	1	135	15	7,070	8	579
2016	149	7	137	29	8,532	56	275
2017	159	0	103	9	6,927	2.25	630
2018	162	0	77	5	6,087	1.3	325

* Not Tracked **Figures in 2014 Annual Report inadvertently included Street Division inlets and manholes repaired

- In 2013, the State of Illinois began reconstruction of South Main Street including storm sewer system. This was completed in late 2016.
- In 2018, the City of Rockford finished a complete reconstruction on Harrison Avenue, including the storm sewer system. This project began in 2016.
- The State of Illinois is nearly finished with a complete reconstruction of North Main Street, including storm sewer system. This project began in 2016 with final punchlist items being completed in 2019.
- Construction of Mercy Way on the northwest side of Rockford continues. This project will be completed in 2019 and will provide easier access to the new Mercy Hospital Campus. This construction includes installation of 8,121 feet of new storm sewer, 97 inlets, 2 box culverts over Keith Creek and 3 detention basins.

Per Permit Parts II.A.1.b and Part II.A.2.b.iii-iv, the City must establish and implement a program to monitor basins on a periodic basis to assess maintenance efforts. This program is detailed in the Detention Basin Standard Operating Procedures located in Part D-1 of the City's Stormwater Master Plan. The City initiated detention basin inspection and maintenance program in 2011 and completed inspections for all known basins. See Table 4 for a comparison of basin inspections from 2011-2017 (odd years). Per the Standard Operating Procedures, all privately owned detention basins are inspected during odd years, and all publically owned and private basins that are high priorities are inspected annually as well as following a specified rain event. Basins are inspected to ensure they are operating as close to design specifications as possible and to determine any maintenance needs. Owners are then notified of the maintenance requirements, and follow-ups are completed to ensure it was done.

Though there were no qualifying events, the summer of 2018 was reported to be the third wettest summer in Rockford history, and the month of June was the wettest month in Rockford history with 14.23 inches of rainfall.

Basins are inspected during odd years, but follow-up inspections were completed on 16 detention basins that did not complete their maintenance. Five new inspections were completed on basins which were added to the database. Maintenance has either been completed or adequately initiated by the property owners on all basins except one, which was submitted to code enforcement and subsequently fined \$750.

TABLE 4					
<u>YEARLY DETENTION BASIN INSPECTION AND MAINTENANCE RATINGS</u>					
<u>Year</u>	<u># of Detention Basins Inspected</u>	<u>No Maintenance</u>	<u>Minor Maintenance</u>	<u>Intermediate Maintenance</u>	<u>Major Maintenance</u>
2011	223	34 (15.2%)	110 (49.3%)	68 (30.5%)	11 (5%)
2013	383	166 (43.4%)	94 (24.5%)	105 (27.4%)	18 (4.7%)
2015	463	75 (18.2%)	170 (41.2%)	167 (40.5%)	1 (0.1%)
2017	439*	214 (48.8%)	159 (36.2%)	66 (15%)	0

* 4 additional detention basins that were inspected were reclassified as Drainageways

The City approved its revised Stormwater Ordinance (Ord. No. 2015-093-O) in 2015. As part of this ordinance, the City created an Enforcement Response Plan. This is in response to revisions to IEPA’s General Construction Permit (ILR10) as well as the State and Federal post construction management requirements. This Ordinance approval also gave the City the ability to require property owners to maintain detention and drainage easements on their properties as well as submit them to code enforcement, if necessary. The City also updated its Stormwater Technical Guidance Manual, which is a guide to assist developers and applicants in complying with the City’s Stormwater Ordinance as well as the technical requirements of the stormwater permit application. Copies of both of these documents can be found at the following link: <https://rockfordil.gov/city-departments/public-works/engineering-division/stormwater-environmental-team/>.

Table 5 indicates major improvements to detention basins resulting from inspections. All of these entities worked closely with the City to address these maintenance items:

TABLE 5			
LARGE DETENTION BASIN MAINTENANCE PROJECTS			
Year	Site Location	Cooperating Agency/Company	Project Type
2013	E. State & Roxbury	OSF Medical Center, completed in 2014	Repairs to detention basin and creek relocations
2013	Harrison Park	Harrison Park Homeowners Association	Repair and maintenance of the inlet structure with the installation of gabion baskets.
2013	3815 Harrison Ave.	Rosecrance	Repair and maintenance of detention basin.
2013	Forest Hills & Riverside	Walmart	Detention basin maintenance
2013	East State St. & Sundae	First Rockford Group	Repair of drainage channel
2013	Renaissance Corners	Renaissance Development Inc.	Drainage improvements and detention basin repairs
2013	Logistics Detention Basin	Logistics Parkway, LLC & Cord Construction, completed in 2014	Basin expansion and clearing
2014	Perryville Promenade & Spring Crossing Detention Basin	First Rockford Group	In-series, multi-stage detention facilities
2015	Logistics Detention Basin	City of Rockford	Installation of dry wells to aid drainage of pond and reseeding.
2016	Harmon Park Regional Detention Basin	City of Rockford	Installation of large detention basin at Harmon Park to address neighborhood flooding.
2016	Linden Pointe Basin Upgrade	City of Rockford	Detention basin improvements
2017	Elliott Golf Course Detention Facility	City of Rockford	Repairs to basin, woody growth removal, resetting pipe, repairing erosion.
2017	Mercy Way Detention Basins	City of Rockford	Began construction of Mercy Way including 3 additional detention basins.
2018	Harmon Park Drainage Improvements	City of Rockford	Construction the next phase of detention basins to relieve neighborhood flooding.

Part II.A.1.d of the permit requires the City to identify eroding stream channels in its jurisdiction and remediate them. In the fall of 2013, the City began creek walks in conjunction with outfall inspections to review creek conditions. These walks include locating obstructions in the creek that may inhibit flows as well as areas with significant erosion. Per the City’s Standard Operating Procedures, creeks will be walked and evaluated in 2018. See Table 12 for a list of flood, drainage and creek stabilization projects from 2018 as well as Appendix E for maintenance in years past.



Keith Creek Sediment Cleanout and Streambank Stabilization

Table 6 shows a summary of creek inspection findings including number of miles in each maintenance category.

TABLE 6						
2016 CREEK INSPECTION MAINTENANCE RATINGS						
		Maintenance Categories (Miles)				
Year	Total Miles	None	Minor	Intermediate	Major	Life Safety
2016	69.7	65.0	3.0	1.7	0	.01
2018	69.7	67.47	1.8	0.49	0	0.03

Table 7 shows a breakdown of creek inspection findings.

TABLE 7			
CREEK INSPECTION FINDINGS			
	Finding Types (Miles)		
Year	Sediment	Erosion	Other
2016	1.7	0.6	0.6
2018	1.10	1.08	0.06

The 13.5 miles of the Rock River was inspected for outfalls and erosion for the first time in 2016. Because of high water levels, the 2018 outfall inspections were completed from shore. There were no erosion issues noted on the Rock River during this inspection. Outfalls are documented later in this report.

In 2017, the City temporarily stabilized a section of Keith Creek along Charles Street where the wall collapsed and was close to damaging the sidewalk and street. This was permanently stabilized when the adjacent box-culvert was replaced in 2018. The City also began an emergency repair of a failing box culvert on Yale Drive. This will be completed in 2019.



Temporary and final streambank stabilization along Keith Creek

2.2 EROSION & SEDIMENTATION CONTROL, CONSTRUCTION SITE RUNOFF AND POST-CONSTRUCTION STORMWATER MANAGEMENT PROGRAM

This section addresses Part II.A.2 and III.A of the permit. This program is detailed in the Erosion and Sediment Control Plan review and Regulatory Inspections Standard Operating Procedures located in Part D-2 of the City’s Stormwater Master Plan.

In 2018, 117 site development permit applications were received and reviewed by Department of Public Works staff for application of proper construction site erosion controls. Most projects did not require Stormwater Pollution Prevention Plans (SWPPP), but erosion and sedimentation control plans were reviewed. Many projects were not built, but staff reviewed all permit applications for compliance with the ordinance. Appendix F lists project reviews that had or needed to have SWPPPs. The City closely monitors IEPA’s permitting page (<http://dataservices.epa.illinois.gov/NoticesofIntent/ConstructQuickSearch.aspx>) to make sure all projects requiring IEPA permitting receive proper City permitting as well. In addition, since IEPA does not review SWPPP’s and Erosion Control Plans, the City does as a part of their review process. Appendix F also lists the dates of the City’s review of the IEPA permitting page, the number of permits, their status and inspection frequencies.

In 2018, the City completed 290 erosion and sediment control inspections (Pre-Grading, Drive-through and Full reviews combined). Drive-thru inspections are visual assessments of a construction site and takes into account site cleanliness and condition of in-place BMP’s. An erosion and sediment control inspection is a review of the SWPPP, erosion and sediment control plan, inspection records, as well as site conditions. Table 8 gives a yearly review of plan reviews and inspections. Appendix G gives dates of these inspections and generalities of follow-up actions. These inspections are performed in compliance with Permit Parts II.A.3.a.iii. All inspection goals were met in 2018.



Year	# Plans Reviewed	Pre-Grading Inspection (completed when adjacent to environmentally sensitive areas)	# Drive Through Inspections	# Full ESC Inspections	# Requiring Follow Up Inspections	# Stop work Orders Issued/Submitted to Code Enforcement
2012	100	Not Available	Not Available	59	27	0
2013	127	Not Available	154	62	109	0
2014	149	Not Available	110	95	152	2
2015	150	5	129	130	116	1
2016	153	5	235	122	80	3
2017	137	1	78	126	53	0
2018	117	6	135	149	86	2

The City also adopted its Stormwater Master Plan on September 21, 2015. This plan details the City of Rockford's entire Stormwater Program including goals and strategies for watershed improvement. A copy of the City's Stormwater Master Plan can be found at the following link: <https://cdn.rockfordil.gov/wp-content/uploads/2017/06/FINAL-Stormwater-Master-Plan.pdf>.

Permit Parts II.A.2.a.vi and a.vii requires the City to adopt existing field guides for inspection of construction site BMPs and to establish minimum requirements for regulatory inspections. The City references the Illinois Urban Manual as well as IDOT's Erosion and Sediment Control Field Guide for Construction Inspections, as their primary field guides for doing inspections.

The City has also developed Standard Operating Procedures for performing regulatory inspections, which has been incorporated into the Stormwater Master Plan (SWMP). The SWMP was developed and approved in 2015 as well as encompasses the entire City of Rockford Stormwater Program. This plan is reviewed and updated annually. A record of updates is kept with the document.

In April of 2018, the City hosted its annual water pre-con training session for contractors and consultants. During this training, the City reviewed erosion and sediment control requirements. In addition, Stormwater Staff held an in-house training for all public works and community development employees for an overview of erosion and sediment control as well as illicit discharge detection and elimination requirements. This training is completed on PowerDMS which is an online training tool that staff has access too.

In 2018, select City staff participated in numerous stormwater related training opportunities. This demonstrates the City's compliance with Permit Part II.A.2.a.viii. Appendix I includes training activities and other aspects of stormwater management for conciseness.

The City is also required by the permit to respond to citizen complaints. In 2018, the City received three complaints from citizens and/or City Staff regarding erosion controls (or the lack thereof). The results of these complaints can also be found in Appendix G.

Permit Part II.A.2.b requires the City to use a comprehensive master planning approach to minimize the discharge of pollutants from areas of development and redevelopment after construction is completed. Further, paragraph (i) of this section specifically requires the City to use the master planning approach to identify stormwater management issues on a watershed scale. A stormwater watershed assessment was completed in 2008, and the master planning process continues. In 2012, the City's master planning consultant completed steady and unsteady-state models of Keith Creek, and in 2013, watershed assessments were completed for Madigan and Buckbee Creeks. The City continues to complete projects based on those assessments. In 2014, the City began a drainage watershed study of the Airport East Watershed. The study is intended to be used to update the City's 2006 FEMA maps to properly dictate the limits of the floodplain for this watershed and determine potential water quality and quantity improvement projects. The City is presently reviewing this study to determine the next course of action. In 2016, preliminary subwatershed assessments were completed for Spring Lake by the neighborhood association and for Levings Lake by the Rockford Park District. The assessments are also being evaluated.

Permit Part II.A.2.b.iv requests that the City monitor facilities during dry weather, conduct field surveys, as well as work with private owners of existing facilities and neighborhood organizations to assess performance. As referenced in Section 2.1, the City completed inspections on all known detention basins in 2017 and those with deficiencies were given notifications to make repairs (see Table 3).

2.3 ROADWAYS

This addresses Parts II.A.3 and III.A of the Permit. This program is detailed in the Street Sweeping Standard Operating Procedures located in Part D-5 of the City’s Stormwater Master Plan.

Subsequent to 2012, all street sweeping activities within the City of Rockford were performed internally. During this period, the City owned and maintained seven street sweepers at all times, although it was an aging fleet in need of replacement. In the four years prior to 2012, the annual cost to the City for personnel, equipment and disposal was \$850,000 to \$950,000 per year. In August of 2011, it was decided to outsource street sweeping to a contractor in an effort to realize a savings in overall annual costs for this City service, while at the same time reassigning labor resources to the Forestry Section of the Street Division. As a result, City street sweeping costs were reduced to \$560,000 for the year 2012, and all sweeping cycles were completed. Street sweeping has gone through an evolution of practices over the past 25 years to include once or twice a year sweeping to a continuous citywide street sweeping operation throughout the warm weather season. The current practice described in the Street Sweeping SOP evolved as a compromise between the various extremes in order to suit both budget and lower staffing issues.

The City of Rockford once again outsourced street sweeping in 2018. The records are tabulated in Table 9, and a yearly comparison is shown in Table 10. In total, the contractor performed sweeping on 1,706 miles of roads, removed approximately 1,660 tons of debris and kept these pollutants out of the MS4. All street sweeping goals were met.

Month	Quantity (tons)*	Street Sweeping Miles (Outside Central Business District)*	Central Business District Miles	Parking Lots (# Lots Swept)	Special Events
January	---	---	---	---	---
February	---	---	---	---	---
March	34.6	14.4	0	---	
April	412.7	226.7	48	33	
May	383.3	174.4	72	33	
June	223.4	234.7	48	33	3.5
July	39.8	63.0	48	---	10
August	0	0	48	33	3.5
September	52.0	226.7	48	33	3.5
October	272.4	230.0	48	33	3.5
November	237.4	128.6	48	---	
December	--	---	---	---	---
Total	1,659.67	1,298.5	408		

*Quantities rounded to nearest tenth

TABLE 10					
YEARLY COMPARISON OF STREET SWEEPING OPERATIONS					
Year	Quantity(tons)	Miles (Outside CBD)	Miles (CBD)	# Miles Not Completed	# Parking Lot Cycles Not Completed
2009	4720	2626	1367	**	**
2010	3951	2304	1306	**	**
2011	3345	1427	1077	**	**
2012	1989	1877	408	**	**
2013	1751	1581	432	93	0
2014	2597	1877	432	0	0
2015	1997	1513	344	0	0
2016	1813	1346	432	0	0
2017	2050	1,490	442	0	0
2018	1660	1298.5	408	0	0

The 2009 through 2011 yearly tonnage numbers are based on the City having a street sweeping dump location at the City Yards. The other Divisions within Public Works utilized this dump location for truck cleanout and small debris cleanup; therefore, the tonnage numbers include those quantities, as well. The mileage difference in the Central Business District (CBD) is due to the City utilizing 1-2 sweepers nightly for 7 months to clean the area, in 2009-2011. The contractor is able to sweep the CBD in 3 nights twice a month and still maintain a clean environment downtown. The decrease in tonnage and miles for 2013 is due to the contractor only completing 85% of the contract since the winter weather hit Rockford earlier in the year than expected. As noted previously, all street sweeping goals were completed in 2017. After the 2015 season, it had been noticed the last few years the CBD required an additional 2 cycles, and the parking lots did not require the full 7-8 cycles as the debris was not sufficient. The Standard Operating Procedures have been evaluated and revised to reflect this change. During the 2015/2016 winter season, the City has been evaluating sweeping mileage for a baseline figure in order to comply with the consent decree. This annual evaluation will be based on developments, annexations, intergovernmental agreements, construction projects and other factors. For 2017, the baseline miles for outside CBD remained the same at 1346 miles due to the number and timing of roadway projects. There were no new developments, annexations or intergovernmental agreements in 2017 that affected the mileage. In 2017, the City implemented an Automatic Vehicle Location (AVL) system in the contractor's streets sweepers to provide a more accurate mileage count.

Each year prior to and through the winter season, the City analyzes its salt supply and the rate it is being applied during the operations. If needed, the amount of salt ordered, used and applied is adjusted. The City chooses to use salt for de-icing operations since using sand is harsh on the street sweepers and spreaders. Since the City is responsible for keeping the gutters, storm structures and ditches clean, using sand for de-icing operations puts undue burden on the City staff, budget and equipment as well as is counter-productive to stormwater management. Salt shortages may force the City to use sand similar to year 2009, but this is a last resort option. Table 11 provides details for the City's deicing program for the last ten years.

TABLE 11**CITY OF ROCKFORD DEICING PROGRAM**

Year	Snow Accumulation	Salt Used	Salt/Snow	Brine Mix Used	Sand Used	Mixed Salt & Sand
2009	37 inches	16,150 tons	436 tons/in	8,600 gal *	800 tons	0
2010	43 inches	22,900 tons	533 tons/in	12,700 gal *	0	100 tons
2011	32.6 inches	7,200 tons	221 tons/in	8800 gal *	0	0
2012	25.1 inches	8,100 tons	323 tons/in	9,500 gal	0	0
2013	49 inches	18,933 tons	386 tons/in	25,000 gal	0	0
2014	47.5 inches	17,808 tons	378 tons/in	60,000 gal	0	0
2015	43.6 inches	12,091 tons	277 tons/in	40,000 gal	0	0
2016	28.8 Inches	12,105 tons	420 tons/in.	61,600 gal	0	0
2017	12.3 Inches	8,064 tons	656 tons/in.	35,861 gal.	0	0
2018	43.8 Inches	12,423 tons	283 tons/in.	50,635 gal.	0	0

* Prior to 2012, straight calcium chloride was used. 2012 on used 70/20/10 brine/beet juice/calcium chloride.

Deicing material use varies not only with snow accumulations, but also with ice, freezing rain, and ambient temperatures. In 2014, the City evaluated salt usage for sidewalks on City owned properties. The product used during the 2012/2013 season had to be applied twice as much as previous products to be effective. During the 2013/2014 season, another product was used, but still had to use 50% more product than wanted. For the 2014/2015 season, the City decided to pay slightly more for Powerthaw. This is an eco-friendly product that allows the City to get the desired effects by using less product.

The City did purchase a new brine tank and relocated it to a position, so it was farther away from existing inlets.

2.4 FLOOD CONTROL

This section addresses Parts II.A.1.d and II.A.5 III.A of the Permit.

2.4.1 NARRATIVE EVALUATION

In the aftermath of flooding events in recent years, the City has planned and began building multi-stage flood control structures in the Harmon Park neighborhood. The City has acquired and demolished several properties in the Harmon Park area and has begun building a series of detention basins. A regional detention basin was built in Harmon Park (3.54 ac.) in 2016, and the next two upstream basins were constructed in 2018.

The City also performed restoration and maintenance to a portion of the Kent Creek South Diversion Channel in 2016. Work included silt and tree removal from the channel as well as 8 foot drop structure. The channel was regraded to the original design plans.

The City has an ongoing drainage improvement program as part of its Capital Improvement Program. The City incorporates stormwater requirements within its Subdivision Ordinance and Stormwater Management Ordinance. In 2016, the City finalized a contract with a local contractor for silt and debris removal as well as for creek stabilization and continued maintenance projects under that contract in 2018. Table 12 shows projects completed under that contract.

TABLE 12			
FLOOD CONTROL, DRAINAGE PROJECTS and BANK STABILIZATION COMPLETED IN 2018			
Watershed	Project	Tonnage Removed	Description
Keith	E. State St. to Morsay Dr.	885	Removal of sediment from the creek and bank stabilization
Spring	Spring Brook Rd.	0	Bank stabilization along Spring Brook Rd.
Keith	South of East State St.	525	Removal of sediment
Keith	8 th Avenue Bridge Erosion	15	Bank stabilization at 8 th Ave. bridge
Kent	Diversion Channel Repairs		Stabilization of diversion channel bottom
South East	Sandy Hollow & 20 th St.	0	Repair of concrete channel wall
North Main	Mulberry St. behind Library	15	Cleanout and repair of stormsewer
Keith	!8 th Street Rip rap	0	Placement of rip rap in channel bottom to prevent scouring
Forest Hills	Pepper Dr. & Gambino Park outfall	30	Removal of sediment and repair of unseated outfall.
South East	Yale Drive Culvert Replacement	0	Replacement of failing road culvert and streambank stabilization.

See Appendix E for a list of past years Flood Control, Drainage and Streambank Stabilization Projects.



Harmon Park Drainage Improvements

The City also continued utilizing staff and resources to improve local drainage by clearing channels of debris and accumulated silt that were known to restrict conveyance. Table 13 tabulates these projects completed by City staff.

TABLE 13				
SILT AND DEBRIS REMOVAL FROM DETENTION BASINS, TRASH RACKS, DAMS & LEVEES, BOX CULVERTS & DRAINAGEWAYS IN 2018				
Date	Watershed	Address (Type)	Silt/Debris Removed (tons)	Operation
Multiple Occasions	Keith Creek	Arden Court (Detention Basin, Trash Rack)	0.7	Clean drainage ditch and trash rack
Multiple Occasions	Buckbee	Kishwaukee & Sandy Hollow (Trash Rack), permitted floatable location	0.6	Trash rack clean out
6/19/2018	Several locations	Trash Rack Cleanout	0.7	Leaves & brush removal
6/1/2018	South East	2018 Rexford	8 ton	Removal of sediment from around structure
6/6/2018	Keith Creek	Alpine Dam, permitted floatable location	3	Removal of debris from trash rack by Rockford Park District
6/21/2018	Keith Creek	Alpine Dam, permitted floatable location	0.1	Removal of debris from trash rack by City staff
6/27-28/2018	Several Locations	Trash Rack Cleanout	0.8	Leaves & brush removal
8/6/2018	Several Locations	Trash Rack Cleanout	0.5	Leaves & brush removal
8/15/2018	Keith	Charles St. Box Culvert	0.5	Branches
8/15/2018	Spring	Spring Creek Box Culvert	0.5	Branches
8/17/2018	Keith	Alpine Dam, permitted floatable location	3 ton	Removal of debris from trash rack by Rockford Park District
9/18/2018	Manning	Lyford & Conehill Box Culvert	1 Ton	Removal of branches & logs
9/18/2018	Several Locations	Trash Rack Cleanout	0.4	Leaves & brush removal
10/19/2018	Several Locations	Trash Rack Cleanout	0.4	Leaves & brush removal
10/25/2018	Keith Creek	Arden Court Detention Basin	3 ton	Removal of sediment from the concrete channel
12/21/2018	Several Locations	Trash Rack Cleanout	0.4	Leaves & brush removal

The summer of 2018 was reported to be the third wettest summer in Rockford history, and the month of June was the wettest month in Rockford history with 14.23 inches of rainfall. Due to this heavy rainfall, the City received several drainage complaints. Staff from the stormwater team reviewed all the complaints. Most complaints were the responsibility of the property owner to address, though the City did complete some small projects to address complaints. A list of drainage complaints received and actions taken by the City is available upon request.

In 2018 (or in recent years), the City has also achieved the following:

- The City of Rockford and the Rockford Local Development Corporation (RLDC) acquired and demolished over 115 properties as well as relocated the residents along Keith Creek in an ongoing effort to restore the floodplain and reduce future flood damage. See Appendix E for a detailed Keith Creek Mitigation Summary.
- Continued efforts to remove trees, brush and silt from Creeks and drainageways. See Tables 12 and 13 for locations.
- The revised FEMA-FIRM Maps for Rockford and Winnebago County were effective as of February 17, 2016. Note: the City is exploring enrolling into the Community Rating System (CRS), which is a credit based program comprised of a communities activities and programs which can reduce flood insurance rates citywide. This program is offered through FEMA.
- Over the past several years, the City completed bank stabilization at various locations with more under design for 2019. Primarily, the work has been completed on Keith Creek.
- Completed repairs in 2016 to the concrete channel in the Southeast/Buckbee Creek Watershed both along Wesleyan Avenue and Harrison Avenue.
- With the help of the Rockford Park District, continued twice annual cleaning of floatables and other debris from Alpine Dam trash rack as well as other stormwater structures and channels.
- The Rockford Park District removed trees and brush from Levings Lake Dam, which is along Kent Creek. Silt was also removed at the inlet of the lake.
- Trash racks were replaced at Alpine Dam in 2016. In 2018 the City entered into an Engineering Agreement with HNTB to provide plans to rehabilitate Alpine Dam.
- Ongoing maintenance of storm sewer system including street sweeping, inlet cleaning, inlet repairs, storm pipe cleaning and storm pipe repairs.
- The City reviewed 21 floodplain encroachment permits. All of which were approved.
- In 2016, the Rock River Water Reclamation District constructed an overflow basin at their facility. This private basin included a berm along the Rock River that has been classified as a dam.
- In 2016, as part of the construction of the new Mercy Health Systems Hospital, a detention basin was constructed offline of the upstream end of the north branch of Keith Creek. This private basin included a berm that has been classified as a dam. This basin will also be part of the regional detention system that includes Loves Park, City of Rockford and Winnebago County.

Permit Part II.A.4.a requires the City to evaluate the feasibility of retrofitting the City's existing flood control devices to provide additional pollutant removal. The Alpine Dam trash rack was replaced in October of 2016. The Page Park trash rack currently meets Army Corps of Engineers and Illinois Department of Natural Resources requirements.



New trash racks at Alpine Dam

In 2009, the City retrofitted the basins at Elliot Golf Course, and in 2014, the City, in cooperation with a local contractor, completed expansion of the Logistics Park basin. In 2015, the City installed drywells in the bottom of the basin. Though not City flood control structures, over the past several years, the City installed trash racks at Holmes Street and Harrison Avenue, Arden Court, Homewood Drive, Delcy Drive and Brookview Road, Greenleaf Way and Forest View Avenue, Weymouth Drive and Lansdale Drive as well as at Parkview Avenue and Crabapple Lane. Most of these structures are privately maintained. The City also has a trash rack located at Kishwaukee Street and Sandy Hollow Road at the southeast (Buckbee Creek) drainage ditch.

The permit condition at Part II.A.4.b requires the City to coordinate regional flood control planning with surrounding communities. A regional detention facility, the I-90/Riverside detention pond, was constructed in 2011 through a public-private partnership led by the Village of Loves Park, but also included the City of Rockford, Winnebago County, Boone County, and Rockford Memorial Hospital. Regional detention has been constructed during the construction of Mercy Rockford Health System's east side campus as well as Mercy Way. The Winnebago County Watershed Improvement Plan Steering Committee (WCWIPSC) is a consortium of municipalities, including the City of Rockford, whose goal is to reduce nonpoint source pollution inputs in the watershed, attain water quality standards, improve habitat and engage a wide range of audiences in their efforts. WCWIPSC has completed a study of the Buckbee and Madigan Creek watersheds, with an aim of preparing an action plan for nonpoint source pollution control. Although Cherry Valley and Rockford Township each completed improvements projects in those watersheds, the committee continues to seek ways to obtain funding to complete projects. Though not a surrounding community but a City partner, the Rockford Park District aided in the construction of a new regional detention facility in the southeast/Buckbee Creek Watershed (Harmon Park Detention Basin Phase 2). In another regional effort, FEMA funded a hydrologic and hydraulic study to update flood maps of the lower Rock River including large portions of the City's MS4 area. Revised floodplain maps resulting from this study were approved in February of 2016.

The City continues to work with the School District to address any flooding issues as they renovate and/or build new facilities.

Permit Part II.A.4.c requires the City to investigate ways to significantly reduce “nuisance” flooding. Under the Inlet Reconstruction Program, City crews and contractors continued to reconstruct problem inlets, having rebuilt 77 inlets as well as 5 manholes in 2018. The City also repaired and/or replaced inlets under the Capital Improvement Program. Additionally, catch basins and laterals are regularly deducted; in 2018, 162 inlets and manholes as well as 6,087 feet of laterals were cleaned removing approximately 1.3 tons of debris. The City continues to clear creek channels and drainageways. Channel clearing activities have included: Keith Creek (2010, 2011, 2016, 2017 and 2018), Kent Creek (2012, 2016 and 2018), Northwest Drainage Ditch (2012 and 2017), Kent Creek South Diversion Channel (2013, 2016, 2017 and 2018), Spring Creek (2017 and 2018), Buckbee Creek (annually), Manning (2018) and Logistics Park Drainageway (2014 and 2015). Almost 1,500 tons of accumulated sediment and debris were removed from open channels in 2018. In late 2015, the City began looking at options in the Gregory Heights Subdivision (Fieldcrest Drive) to address nuisance flooding in that area and continued this evaluation through 2018. The City is presently looking at concepts in the Kylemore East Subdivision to address drainage concerns with that detention basin. The City believes that partially due to the improvements to inspection and maintenance requirements, nuisance drainage complaints have been reduced.

A separate jurisdictional body, the Rockford Park District has a sustainability approach to stormwater management in its development, construction, operation and repair as well as replacement of parks and facilities. Recent redevelopment at Sinnissippi Park on Rockford’s riverfront included the installation of pervious pavers in the parking lot, green roof and bioswale at the Nicholas Conservatory and Gardens, as well as the installation of native plant buffers along the riverfront to filter runoff at the Eclipse Lagoon. In 2015, they planted native grasses in the basin of Alpine Dam to improve water quality and to absorb the excess water that saturates the park after a heavy rain.

2.5 PESTICIDE, HERBICIDE AND FERTILIZER (PHF) APPLICATION

This section addresses Parts II.A.5 and III.A of the Permit. This program is detailed in the Pesticide, Herbicide and Fertilizer Applications Standard Operating Procedures located in Part D-6 of the City’s Stormwater Master Plan.

On October 31, 2011, the City of Rockford was issued an NPDES Permit for pesticide use (ILG870147). This permit is issued to operators who discharge to waters of the State from the application of biological pesticides that leave a residue. The City’s activities in the areas of weed control, mosquito control, and other areas are subject to the limitation in this permit. The City of Rockford has sent letters to area applicators informing them of their obligations to comply with this regulation. This permit was renewed effective November 1, 2016.

The City monitors the use and application of PHF through the Public Works Department and its contractors. The City also monitors its stormwater and streams for nutrients and the aquatic effects thereof. Consistent with State regulations and label instructions, only City personnel that are licensed by the State are permitted to apply PHF, but contractors for the Streets Division apply most herbicides used on City facilities. All herbicides and pesticides are mixed and applied at a rate not to exceed the recommended amounts on the Safety Data Sheets.

Based on present conscientious practices, the City has not seen the need to modify its ordinances or to initiate actions to control the use of PHFs on City lands. Each year, THE Street Maintenance Division contractors apply herbicides to raised medians, paved ditches and sidewalks. In addition, cut brush and tree stumps are treated along areas being cleared to minimize regrowth. Table 14 lists the herbicide products used in 2018 by the Street Maintenance Division.

TABLE 14		
CITY OF ROCKFORD HERBICIDE USAGE IN 2018		
Product & Packaging	Amount Used	Active Ingredient
Makaze – 2.5 Gal jug	167.5 gal	Glyphosate 41%
Oust – 3lb bottle	3lb	Sulfometuron 56.5% Metsulfometuron 15%
Perspective – 1lb 4oz bottle	6lb	Aminocyclopyrachlor 39.5%, Chlorsulfuron 15.8%
Aquaneat – 2.5 gal jug	36.25 gal	Glyphosate 53.8%
Milestone – 2.5 gal jug	2.5 gal	Aminopyrolid Tri-Isopropanolamonium 40.6%
Pathfinder II – 2.5 gal jug	5 gal	Triclopyr NoTriclopyr((3,5,6,-trichloro – 2 –pyridinyl) oxy) Acetic acid, Butoxyethylester 13.6 %
Signal colorant – 1 gal jug	1 gal	No hazardous chemical
Treeage – 1 liter jug	39 liters	Emamectin Benzoate
Pathaway – 2.5 gal. jug	0 gal	Picloram: 4-amino-3,5,6-trichloropicolinic acid, triisopropanolamine salt 5.4%, 2, 4-dichlorophenoxyacetic acid 20.5%

The following Street Division employees received formal PHF training and Illinois Department of Agriculture certifications.

Brian Jacobi
Myron Cattage
Christina Loudermilk
Kyle Smith
Anthony Giacomazzo
Taylor Hennelly
Kyle Smith

All certifications expire on 12/31/2020.

The City has printed and continues to distribute an educational brochure on PHF use around water bodies. The brochures are available to the public in the lobby of City Hall, the Department of Public Works and at special events.

2.6 ILLICIT DISCHARGES AND IMPROPER DISPOSAL

This section addresses Parts II.A.6 and III.A of the Permit. This program is detailed in the Illicit Discharge Detection and Elimination Program Standard Operating Procedures located in Part D-7 of the City’s Stormwater Master Plan.

In 2015, the Rockford City Council approved its Stormwater Management Ordinance (Ord. # 2015-093-O) which includes requirements to prevent, control and reduce stormwater pollutants by the use of best management practices. This revised ordinance demonstrates compliance with Part II.A.7 of the permit.

Public Works staff regularly performs inspections for illicit discharges and improper disposal. In 2018, the City completed 13 Illicit Discharge Detection and Elimination (IDDE) Investigations (see Table 15 for yearly comparisons). See the inspection data that is recorded in field logs and electronic databases (Appendix I) for more detail. The City believes the decrease in complaints from previous years is due to better education, enforcement and maturity of the stormwater program. Supplemental dry weather inspections are performed on all outfalls during even years and as needed if stormwater quality monitoring indicates a need for further evaluation.

TABLE 15
ILLICIT DISCHARGE DETECTION AND ELIMINATION YEARLY COMPARISON

Year	Number of Complaints / Reports	# Illicit Discharges	# Unknown	Non-Illicit Discharges	Number Submitted to Code Enforcement	HazMat Responses by Rockford Fire Dept.
2012	22	Not Determined	Not Determined	Not Determined	0	4
2013	25	Not Determined	Not Determined	Not Determined	0	4
2014	35	15	6	14	0	2
2015	45	24	5	16	2	8
2016	36	13	10	13	2	3
2017	12	9	0	3	1	1
2018	26*	13	3	9	2	6

*One site remains under investigation

The City completed outfall inspections in 2011, 2014, 2016 and 2018. The basic procedure to complete an inspection at each outfall is to enter or update data, take a picture of the outfall and, if necessary, mark location on the map. Outfall data includes a description of the outfall (e.g., pipe material, diameter) and a description of physical indicators of potential illicit discharges for both flowing and non-flowing outfalls. For outfalls with indicators, an illicit discharge investigation will be implemented as indicated in the Illicit Discharge Detection and Elimination Standard Operating Procedures. The City will be inputting data into the Hansen (Infor) System which is a Citywide program utilized to track inspections and maintenance.



Mortar Mix dumped in inlet

With every new cycle of outfall inspections, the City fine-tunes the data which sometimes results in the removal or an addition of outfalls. The removal of outfalls from the database has been typically due to them being roof drains. In addition to updating the creek outfall data, the Stormwater Staff worked with the Rockford Fire Department to ascertain access to a boat, which allowed inspections and data collection of the outfalls along the Rock River. Although, due to high river levels, those inspections were done from shore in 2018.

The City, in cooperation with the Illinois EPA and Rock River Water Reclamation District, collects household hazardous wastes (HHW) as well as PHF, used tires and used motor oil. Aerosols, corrosives, oxidizers, solvents, oil-based paints, latex paints, waste oils, pesticides, batteries, fluorescent lamps and insulin disposal service are all accepted. Radioactive wastes, compressed gases and explosives are not accepted. The collection program is available to all city residents and is publicized on the Illinois EPA's website (<http://www.epa.state.il.us/land/hazardous-waste/household-haz-waste/hhwc-schedule.html>). In 2018, there were approximately 239,082 pounds of household hazardous waste collected at the Rockford site (1,048 drums), but it is a regional facility and not all the waste was from Rockford. In 2018, about 73% of the vehicles dropping off HHW were registered to Rockford residents.

2.7 SPILL PREVENTION AND RESPONSE

Part II.A.7 of the Permit requires the City to implement a program to prevent, contain and respond to spills that may discharge into the MS4. The Rockford Fire Department is the “First Emergency Responder” in the City. This program is detailed in the Hazardous Materials (Spill Prevention and response) Standard Operating Procedures located in Part D-8 of the City’s Stormwater Master Plan. In compliance with Part II.A.7.a, the Fire Department’s records were searched for all incidents of a material spill that may have entered the storm sewer system within the MS4 service area (personal communication, Captain Kyle D. Hill, Rockford Fire Department). In 2018, there were reportable six spills encountered by the Fire Department that could have entered the storm sewer system within the MS4 service area (Table 16). In 2014, the Fire Department updated the Hazardous Materials Standard Operating Procedures within the 2014 Emergency Operations Plan.

Date	Incident #	Address	Comments	Quantity
5/3/18	18-9827	Iroquois & S. Main	Diesel fuel spill due to a motor vehicle accident	75 gal.
5/27/18	18-11810	215 18 th Avenue	Test run-off from an oily rag fire	0
5/31/18	18-12117	215 18 th Avenue	Bulging poly drum due to a chemical reaction	55 gal.
6/9/18	18-12881	6150 Cessna Drive	Jet fuel spill	666 gal.
7/14/18	18-16054	4902 Hydraulic Road	Venting gas tanks – normal occurrence	0
10/02/18	18-22778	3012 Wallin Avenue	Plating chemicals were leaking from drums that were being stored inside a building. Some of the chemicals that were unidentified had leaked out underneath an overhead door. Most of the chemical remained inside the building on the floor.	< 10 gal.

Permit Part II.A.7.b requires the City to include a summary of spill prevention activities in the Annual Report. Currently, most industries are responsible for their own training and education. Hazardous Waste Operations and Emergency Response Standard (HAZWOPER) training is required by most industries, and spill containment/prevention procedures have been developed by most industries. The Fire Department visits industrial facilities to develop a Pre-fire Plan Survey which includes information such as egress/ingress routes, location and types of chemicals on-site, combustible and flammable materials, special hazards, fire suppression methods, facility maps, emergency contact information, etc. The City has an active recycling campaign, thereby indirectly removing possible spill material from the environment. Overall, the City has not experienced many industrial spills.

The investigation at 3012 Wallin was initiated by a complaint to IEPA of dead vegetation and liquid material in the curblin. Illinois EPA attempted to make contact with the owners and when they could not they asked for assistance from the City of Rockford. On October 2, 2018, City staff from the Building Department, Public Works, the Fire Department and the Illinois EPA entered the building and found several drums of acid and cyanide inside the building much of which was standing in yellow water due to a leaking roof. The City condemned the building and the Illinois EPA contacted the USEPA to conduct a removal action, which began on October 15 and was completed on October 19.

City staff also serves on the Winnebago County Local Emergency Planning Committee (LEPC), which is made up of local officials who are required to develop a local chemical emergency response plan and to provide public education and information.

2.8 INDUSTRIAL AND HIGH RISK RUNOFF

This section addresses Parts II.A.8 and III.A of the permit. This program is detailed in the Industrial High Risk Runoff Program Standard Operating Procedures located in Part D-9 of the City’s Stormwater Master Plan.

The City of Rockford continued its Industrial and High Risk Runoff Facility Inspection Program (IHRRI) in 2018. The City made a concerted effort to broaden the database to assure better representation of the locations of industries and other potential high-risk runoff facilities within City limits. These databases provide likely locations for industrial as well as high-risk runoff and are currently the basis for future inspections. The City then prioritized these facilities based on potential for stormwater pollution. The City has a database of almost 4,800 industrial and commercial facilities, restaurants, fueling stations and businesses. The City reviews and reprioritizes these facilities annually and is committed to inspecting all high priority facilities and 50% of the medium priority facilities each permit term. Low priority facilities are only inspected when complaints are submitted. Inspections can also be triggered by citizen complaints, City crew field reports, stormwater monitoring data reviews or other information suggesting a need for inspections or monitoring. Table 17 indicates the number of industrial and commercial facilities in Rockford and their ranking.

Year	# High Priority Facilities	% High Priority Facilities Inspected (during Permit term)	# Medium Priority Facilities	% Medium Priority Facilities Inspected (during Permit term)	# Low Priority Facilities
2013	355	**	**	**	**
2014	385	**	416	**	5929
2015***	329	24% (Year 1)	431	7% (Year 1)	5822
2016	329	44% (Year 2)	428	20% (Year 2)	6570
2017	295	71% (Year 3)	470	29% (Year 3)	5,790
2018	299	90% (Year 4)	412	44% (Year 4)	4,776

*Facilities not prioritized

**Not Tracked

***Start of Permit Term

The permit requires the City to review and evaluate industries to ensure they do not have unpermitted discharges entering the City’s storm system. The Illinois EPA is responsible for implementing industrial stormwater permitting and for compliance with the associated SWPPPs. No SWPPPs are sent to the City for review by the permittees. However, during inspections the City staff request to see any SWPPPs, and records whether a SWPPP is present or missing from each facility.



City Stormwater Staff performed 105 industrial stormwater inspections during 2018. Appendix J is a summary report on the findings and follow-up actions. Table 18 provides a yearly comparison for industrial stormwater inspections.

TABLE 18					
INDUSTRIAL HIGH RISK RUNOFF STORMWATER INSPECTIONS YEARLY COMPARISON					
Year	Number of Inspections			# Requiring Follow Up Inspections	# Submitted to Code Enforcement
	High	Medium	Low		
2012	55	NA	NA	6	0
2013	60	NA	NA	25	0
2014	78	41	3	67	2
2015	78	32	13	92	1
2016	65	56	6	61	1
2017	66	48	3	30	1
2018	59	45	1	49	0*

* One site was under an IEPA enforcement action involving site clean-up (see below)

The majority of facilities requiring follow-up inspections were due to lack of permitting with regards to the Illinois EPA's industrial stormwater program. Many facilities also had the wrong Standard Industrial Classification (SIC) based on their operations, which in most cases indicated they did not need permitting.

In June of 2018, the City of Rockford was notified by the local Illinois EPA office of an enforcement action and clean up being initiated by them at 217 Peoples Avenue in Rockford. The site was a former tire recycling operation which was abandoned by the company owner. Rockford and IEPA staff met and reviewed the site to determine the necessary clean up. IEPA staff recommended that City staff continue to monitor the site while IEPA continues with the enforcement. The site clean-up was completed in August of 2018.

2.9 PUBLIC EDUCATION, POLLUTION PREVENTION AND GOOD HOUSEKEEPING

This section addresses Parts II.A.9 and III.A of the permit. This program is detailed in the Stormwater & Environmental Education Standard Operating Procedures located in Part D-10 of the City's Stormwater Master Plan.

The City of Rockford continues to expand programs on public education, pollution prevention and good housekeeping. The City currently advertises these through brochures, workshops, speaking events, newspaper inserts and its website. A list of these events is noted in Appendix L.

Annually the City distributes hundreds of pamphlets or brochures, which includes the following titles:

- Yard Waste
- Water Friendly Landscaping
- Recycling
- Residential Deicing
- Pet Waste
- Illicit Discharge
- Hazardous Materials
- Pesticide, Herbicide, Fertilizer
- Fats, Oils, Grease
- Erosion and Sediment Control
- Concrete Waste
- Stream Corridor Protection and Maintenance
- Rain Barrels
- City's Stormwater Management Program

All of these brochures focus on protection of water quality and are available to the public.

In 2014, the City also purchased two Enviroscope models to provide further education throughout the City. One depicts the cause and effect on non-point source pollution runoff; the other is for point source pollution runoff.

The City of Rockford continues to provide information on the Stormwater and Environmental webpage on the City of Rockford website. This information can be found at: <https://rockfordil.gov/city-departments/public-works/engineering-division/stormwater-environmental-team/>. This Stormwater page provides stormwater education on a variety of topics including, but not limited to:

- Stormwater Master Plan
- Erosion and Sediment Control
- Industrial High Risk Runoff
- Illicit Discharge Detection and Elimination
- Minimizing Pollution Around Your Home
- Watershed Assessment Data
- Reporting links for complaints
- Information about your property (floodplain, soils types, wetlands, etc.)



These demonstrate the City's compliance with the permit condition to publicize, promote and facilitate improved stormwater management in Rockford.

The City worked with the Rockford School District to develop a stormwater education program to meet the District's curriculum requirements. In 2018, stormwater staff presented to nine classrooms at Rockford Elementary Schools educating over 500 students.

Recycling data for the last few years is found in Table 19 and suggests that residents are recycling a consistent portion of Rockford’s solid waste stream.

TABLE 19					
CITY OF ROCKFORD RECYCLING PROGRAM					
Year	Refuse(tons)	Recycled (tons)	Yard Waste (tons)	Demo (tons)	Portion Diverted from Landfill*
2008	53,875	7,239	15,854	NA	30%
2009	51,786	6,830	16,620	NA	31%
2010	49,739	6,736	14,490	NA	30%
2011	48,038	6,886	14,811	NA	31%
2012	45,497	6,604	12,440	NA	30%
2013	45,970	6,499	13,226	NA	30%
2014	47,314	7,250	11,994	NA	29%
2015	47,139	8,229	12,470	7,485	31%
2016	48,609	7,674	12,776	8,662	30%
2017	51,110	6,969	11,627	3,904	27%
2018	49,985	7,638	12,719	5,794	29%

* Figure does not include demolition tonnage

Because of regulations banning all electronic waste (E-Waste) from landfills, the City had an agreement with an e-waste hauler, but because the state no longer funds that program, that contract was terminated. Presently the City has an agreement with Keep Northern Illinois Beautiful, 4665 Hydraulic Road in Rockford, to have E-Waste dropped off at their location during their business hours. The City also allows residents to place electronic devices smaller than 2 feet by 2 feet in the recycle bins. Table 20 gives a breakdown of E-Waste collected since 2015.

TABLE 20	
QUANTITY OF E-WASTE COLLECTIONS	
Year	Pounds Collected (TV’s, Computer Equipment, Cell Phones, etc.)
2015	1,513,870
2016	1,900,108
2017	1,464,343
2018	817,438

The City did note a significant drop off in the amount of E-Waste collected. This is believed to be from the limited hours Keep Northern Illinois Beautiful is open. The previous E-Waste contractor had a 24-hour drop off site.

As mentioned earlier, the City cooperates with the Illinois EPA for the collection of household hazardous wastes (HHW), as well. In 2018, there were approximately 239,082 pounds of household hazardous waste collected at the Rockford site (1,048 drums), but it is a regional facility and not all the waste was from Rockford. In 2018, about 73% of the vehicles dropping off HHW were registered to Rockford residents. The City has renewed this service with Clean Harbors to continue for the next several years. Table 21 provides a yearly summary of the HHW

collections. There was a slight decrease in the number of pounds collected, which can be attributed to no longer accepting latex paint, in effect since November in 2015.

TABLE 21			
SUMMARY OF HOUSEHOLD HAZARDOUS WASTE (HHW) COLLECTION SITE			
Year	Pounds of HHW Collected	# Drums	% Vehicles Rockford Residents
2010	495,000	2,054	76
2011	444,000	1520	75
2012	424,620	1,915	76
2013	431,285	1,567	75
2014	445,684	1,552	75
2015	*440,855	*1,584	75
2016	**325,694	**1,383	72
2017	261,126	1,149	74
2018	239,082	1,048	73%

*Numbers adjusted because 2015 report inadvertently combined 2014 & 2015 data

** The collection of latex paint ended in November 2015

3. SWMP FISCAL MATTERS, EFFECTIVENESS AND OTHER ISSUES

3.1 ANNUAL EXPENDITURES

City expenditures for 2018 for SWMP activities are tabulated below. Table 22 also includes budgeted costs for 2019.

Item(s)	Budget Source	2015 (Actual)	2016 (Budget)	2016 (Actual)	2017 (Actual)	2018 (Actual)	2019 (Budgeted)
Street Sweeping	Street (includes staff)	\$486,041	\$473,335	\$487,815	\$508,131	\$301,089	\$558,708
Sewer Repair/Inlet Cleaning	Street (includes staff)	\$770,377	\$693,002	\$757,700	\$740,202	\$580,474	\$775,846
Bridge, Dam, Ditch Maintenance	Street (includes staff)	\$80,114	\$91,000	\$100,726	\$25,035	\$9,854	\$91,000
City-Wide Inlet Repair ##	CIP	##	\$150,000	##	\$249,712	\$107,167	\$100,000
Stormwater City-Wide Drainage Fund	CIP	\$86,305	\$450,000	\$371,614	\$79,925	\$476,658	\$550,000
Stormwater Sampling and Testing / Miscellaneous	General	\$32,740	\$75,000	\$21,264	\$66,556	\$27,545	\$40,000
Stormwater (Other Projects)	CIP	\$181,429	\$1,500,000	\$3,341,802	\$700,000	\$500,000*	\$1,000,000*
Stormwater Maintenance & Monitoring	CIP	\$150,839	\$120,000	\$29,891	\$200,836	\$5,120	\$0
City-Wide Bank Stabilization	CIP	\$1,379,260	\$500,000	\$164,198	\$11,746	\$409,969	\$1,000,000
Bridge/ Box Culvert Projects	CIP	\$526,870	\$490,000	\$426,440	\$460,517	\$1,470,025	\$2,280,000
Bridge/ Box Culvert Projects	State/Fed	\$1,103,942	\$0	\$0	\$1,096,655	\$0 (project delayed)	\$4,636,000
Stormwater (Other Projects)	IDOT	\$955,893	---	\$3,717,451	\$1,200,000	---	---
Stormwater Personnel Costs	CIP - General	\$845,490	\$1,033,066	\$883,228	\$422,860	\$388,635	\$473,202
TOTAL BUDGET COSTS		\$5,495,358	\$5,575,403	\$6,584,678	\$5,737,140	\$4,276,536	\$11,504,756

*Funds being saved for Alpine Dam Rehabilitation Project

- IDOT has budgeted \$33,000,000 for complete reconstruction of North Main Street from Auburn Street for Riverside Boulevard. This includes drainage improvements. This is scheduled for completion in 2019.
- IDOT has budgeted \$11,600,000 for complete reconstruction of West State Street from Day Avenue to Independence Avenue, including drainage improvements. This project is presently in the land acquisition and design phase.

3.2 PROGRAM REVIEW

The status of Rockford's SWMP implementation and compliance is reviewed in Section 2. In 2018, the City's Stormwater Management Program continued to accomplish a myriad of new and continuing objectives, most notably:

- The City's Stormwater Master Plan was completed and approved by the City Council on September 21, 2015. This plan includes goals and strategies for the Stormwater Program as well as Standard Operating Procedures; all of which are located in the Stormwater Master Plan.
- Completed several projects to reduce nuisance flooding as well as to repair areas experiencing streambank erosion.
- 137 site development permit applications were received and reviewed, including Stormwater Pollution Prevention Plans (where the developments required them).
- Completed 78 drive through erosion and sediment control reviews, 126 construction site erosion and sedimentation control inspections as well as 1 pre-grading inspections.
- Received 2 complaints regarding erosion controls (or the lack thereof).
- 159 inlets and manholes and 6,927 feet of storm drains were vacuumed to improve performance.
- 112 inlets and manholes were repaired by the Street Department as well as 630 inlets and manholes through CIP.
- Removed approximately 2,113 tons of accumulated silt, debris and floatables from open channels.
- Prevented approximately 2,050 tons of solids from entering the stormwater system through street sweeping.
- Performed 12 new investigations for illicit discharge and/or improper disposal.
- The Fire Department's HAZMAT Response Team investigated 1 incident where hazardous materials may have entered the stormwater system.
- Performed 117 inspections of industrial and potentially high risk runoff sites.
- Distributed various pamphlets and brochures as well as gave numerous seminars or presentations to the general public, businesses and civic groups.
- Completed two sets of samples at five wet weather locations for stormwater pollutant load assessment.
- Analyzed 40 tributary samples (base flow events) for 18 different pollutants.
- City Stormwater Staff continues to integrate GIS and Infor/Hansen asset management software in order to better manage stormwater related inspections, work orders, maintenance and inventory of each Stormwater asset.
- The City utilized a camera system to record the condition of storm pipes.

3.3 EFFECTIVENESS OF CONTROLS

The current stormwater monitoring program was started in the 1990s. Monitoring stations were constructed and automation equipment was purchased, but routine monitoring did not begin until summer 2003. Storm event and dry-weather screening of water quality began in 2003 and continues through the present. Appendices A and B contains this data and interprets their effectiveness. The City contends that monitoring data for the year 2018 is primarily at or below previous year's levels.

3.4 ENFORCEMENT ACTIONS

In 2007, the US EPA began an audit of NPDES Permit ILS000001. A report was issued the following year (SAIC 2008). Implementation of the US EPA's recommendations continues. In December 2010, the US EPA again contacted the City regarding its follow-up activities for improving compliance with the NPDES Permit. Those discussions have continued throughout 2014. In December of 2015, the City finalized a Consent Decree with the US Department of Justice, the US Environmental Protection Agency and the Illinois Environmental Protection Agency. The City agreed to pay a penalty of \$329,395.00 as well as implement the Stormwater Program as negotiated in the consent decree and detailed in the Stormwater Master Plan. As required by the consent decree, the City submitted the 2016, 2017 and 2018 reports.

REFERENCES

2015 NPDES Permit (ILS000001)

Consent Decree between the City of Rockford and the USEPA, IEPA and the US Department of Justice.

City of Rockford Stormwater Master Plan

City of Rockford Stormwater Management Ordinance (Chapter 109) and the Enforcement Response Plan

APPENDICES A-B
(WATER QUALITY MONITORING DATA & STORMWATER POLLUTANT LOADS)

Appendix A - Water Quality Monitoring Data

In 2018 the City collected a minimum of two samples for analyses from the five-identified storm sewer monitoring locations (R1-R5) during wet weather conditions. In addition, four sets of samples were collected from the five tributary sample locations (T1-T5) during base flow conditions. The storm sewer samples were analyzed for fifteen parameters and the tributary samples were analyzed for nineteen parameters.

Data has been provided in charts which compare the data from 2003 - 2012, 2013 - 2017, and the 2018 average data. In addition, tables have been provided for all the 2018 parameter data. A map is attached showing the locations of the five-storm sewer and five tributary stream sample locations. A description of each sampling location is also provided.

The City of Rockford's NPDES Storm Water Permit cites five locations for monitoring the storm sewer. These locations were prepared for ongoing sampling by the City with the installation of automatic samplers and rain gauges. Monitoring parameters are defined in the permit.

**Table A-1
Storm Water Monitoring Locations**

Outfall	Latitude	Longitude	Location	Watershed Description
R1 (001)	42.30576	89.09617	Paradise Boulevard Section 11, T44N, R1E	225-ac residential and open space
R2 (002)	42.27045	89.09043	Market St. & North First Section 23, T44N, R1E	50-ac commercial, offices, and residential
R3 (003)	42.26955	89.04381	Fairview Blvd & Crosby St. Section 19, T44N, R2E	510-ac residential
R4 (004)	42.23405	89.07985	8 th St. & Willis St. Section 36, T44N, R1E	780-ac industrial, commercial, and resident.
R5 (005)	42.23266	89.02128	Forest View Rd. & 28 th Ave. Section 5, T43N, R2E	80-ac light industrial

**Table A-2
Stream Monitoring Locations**

Station ID	Stream and Location
T1	North Kent Creek at Fairgrounds
T2	South Kent Creek near intersection of Tay and Corbin St
T3	Keith Creek at Tenth Avenue Park
T4	Keith Creek at Dahlquist Park
T5	Spring Creek at Starkweather Avenue

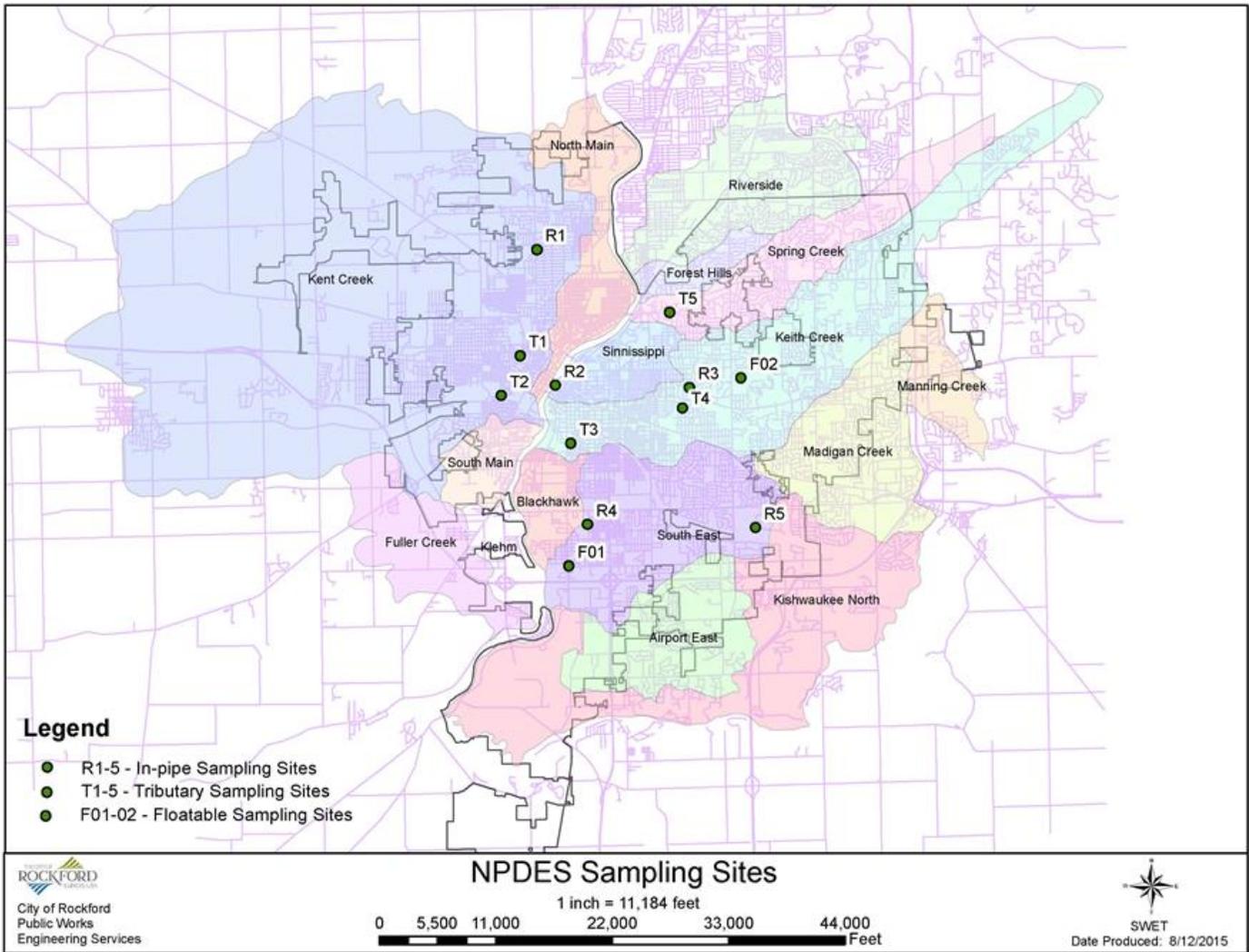


Figure A.1 Map of Stormwater and Tributary Sampling Locations

Appendix B - Stormwater and Tributary Analyses

This appendix summarizes the stormwater pollutant concentration and loads from the City of Rockford's MS4 system. It also provides the tributary sampling data for comparison purposes with comments when sampling locations had the same parameters analyzed. The stream data is used to assess general water quality and the health of the streams in the City of Rockford. Water quality monitoring tends to be completed in dry weather periods (base flows), however, some historical data, prior to 2008 was collected during higher flow periods.

B.1 Stormwater Pollutant Concentrations and Stream Quality

During 2018, four storm events were sampled from the five identified outfalls (R1 - R5), found in Figure A.1. Due to inadequate sample volume, resampling events were completed so two full sets of data were collected. Samples were collected as either composites or grab samples and field analyzed or sent to the Rock River Water Reclamation District (RRWRD) laboratory. Data was compiled into three sets of data for trend and current year analyses. Sample data was averaged for each outfall for years 2003 to 2012, 2013 to 2017, and current year 2018.

The data for each 2018 sample event and 2018 averages were determined and placed into the table at the end of this section (Table B-1). These averages were then used to calculate the loadings discussed in section B.3.

Stream water quality is assessed at five locations, T1 through T5 (Figure A.1 and Table B-2), on a quarterly basis by the City. These are the main receiving waters for the MS4. Typically, the field measurements and water samples are collected during low flow periods (base flow), however, prior to 2008 samples were collected without consideration for flow rates. Average levels of parameters in 2018 are presented in the following graphs (Tributary titles are in blue) and can be compared to historical numbers. Table B - 2 contains the 2018 collected data for all events.

Following are the discussions and charts representing each of the pollutants analyzed. Comparisons will be made between the wet weather stormwater samples and the base flow tributary stream samples. In Section B.2 the storm events and runoff volumes will be presented. In Section B.3 the pollutant loads to the streams will be presented.

B.1.1a Storm Sewer Fecal Coliform Bacteria - The bacteria levels detected in the five sample locations, have been on an overall downward trend. This trend continued in 2018 and overall bacteria levels continued to decline. Outfall R5 continues to have higher levels than the other locations. As mentioned previously, there are several hypotheses on why this is the case. The FCB levels will continue to be monitored in the future for sources and trends. Typical wastewater discharge objectives are as low as 400 CFU/100ml.

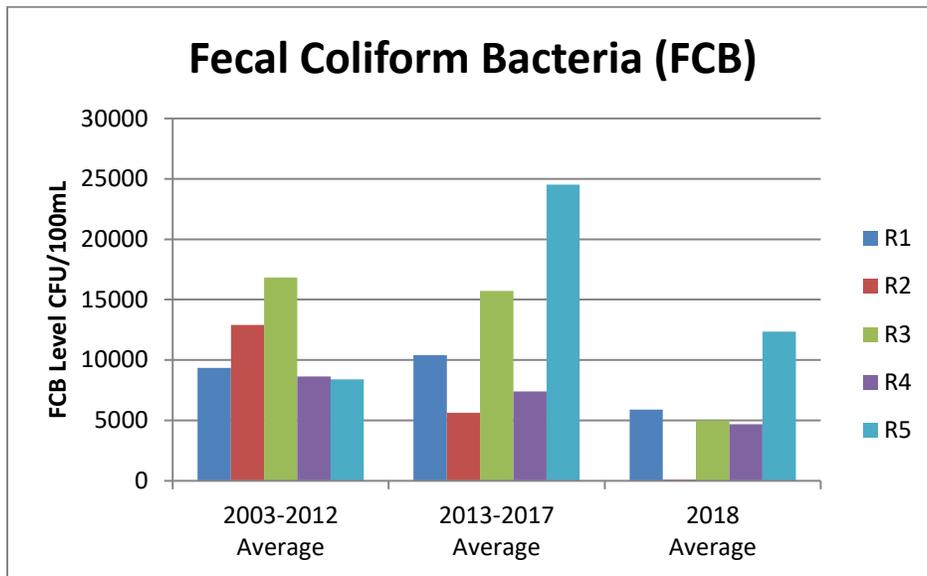


Chart B.1.1a - Storm Sewer

B.1.1b Tributary Fecal Coliform Bacteria - Bacteria levels in the streams continued a relative downward trend 2018. About one-third of the samples were over 400 CFU/100ml, an objective level for surface waters. Some locations (T1, T2, & T5) had slightly elevated levels from the past five-year averages, but other (T3 & T4) were down considerably. The samples were collected in lower flow periods. Historically, when higher bacteria levels were encountered, the flows were higher (wet weather), indicating land runoff containing animal droppings.

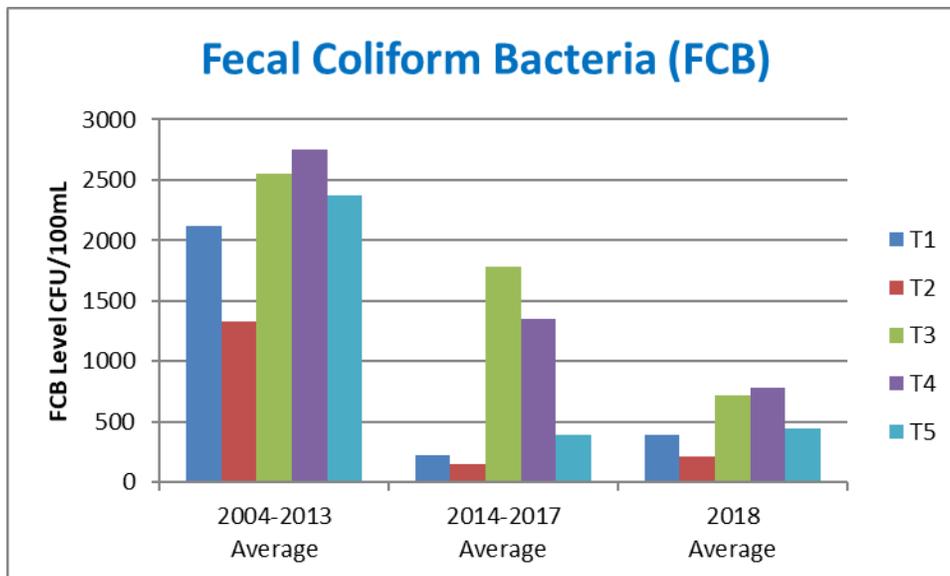


Chart B.1.1b - Tributary

B.1.1c Comparison of Storm Sewer vs. Tributary - Note the charts indicate a tenfold difference in concentration between the storm sewer and tributary samples. Fecal coliform bacteria can be an indicator of illicit sewer discharges, but with the low levels of bacteria in the dry weather conditions of the tributaries and periodically in the storm sewer samples, one would deduce this is not the case.

Storm sewers are checked for dry weather flow. If flows are detected, source investigations are completed and FCB samples can be collected when warranted.

B.1.2 Biochemical Oxygen Demand - The five-day Biochemical Oxygen Demand (BOD) is a measure to determine the need of the water to decompose organic matter. The greater the need for oxygen, the more oxygen that will be pulled from the receiving water source, thus reducing the oxygen content of the water. When organic loadings remove oxygen from the water, more favorable natural organisms (aquatic bugs, crustaceans, fish, etc.) are reduced in number. Typically, BOD levels of less than 30 mg/l are acceptable for wastewater discharge. R3 had one sample event with a result of 39mg/l. If this trend continues an investigation may be warranted.

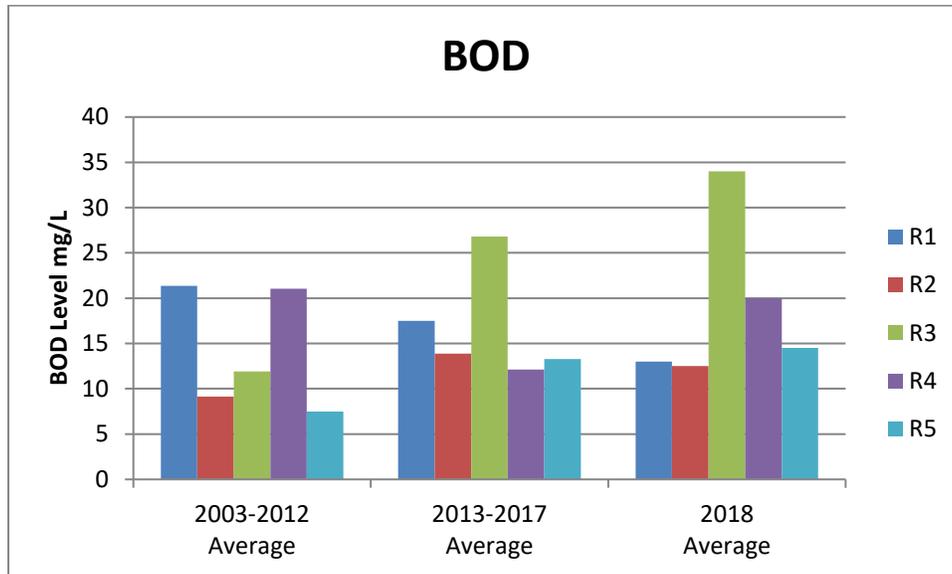


Chart B.1.2

B.1.3a Storm Sewer Chemical Oxygen Demand - The Chemical Oxygen Demand (COD) is a measure of the total oxygen needs of all chemicals (inorganic and organic matter) in the water. The COD levels tend to be 10 to 100 percent higher than BOD, which only measures what can naturally biodegrade. High COD readings can indicate chemical contamination versus an organic contamination. COD results were in line with historical concentrations. Concentrations tend to be slightly higher in the spring.

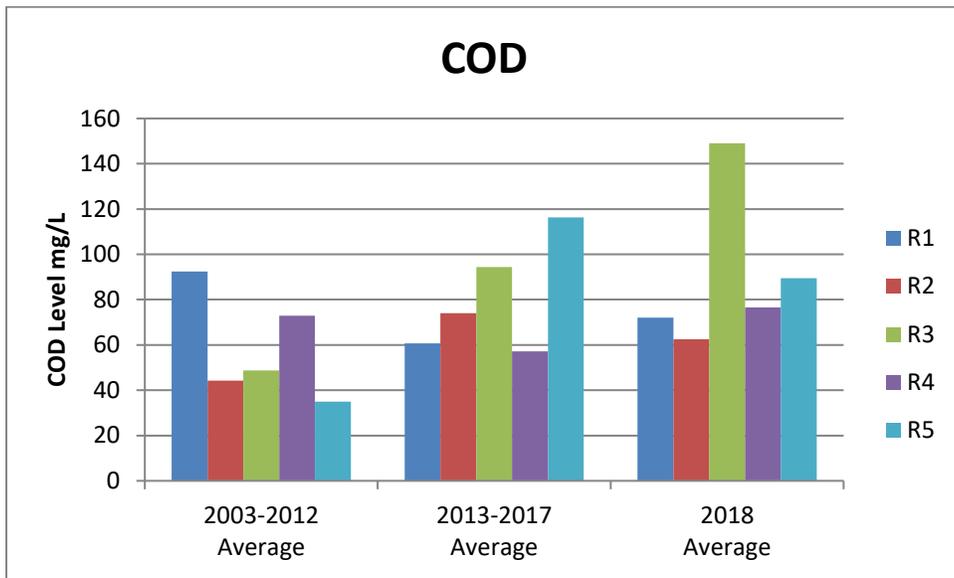


Chart B.1.3a - Storm Sewer

B.1.3b Tributary Chemical Oxygen Demand - There appears to be a decrease in COD levels in 2018 from historical levels. The average levels of 6 to 11 mg/L are excellent.

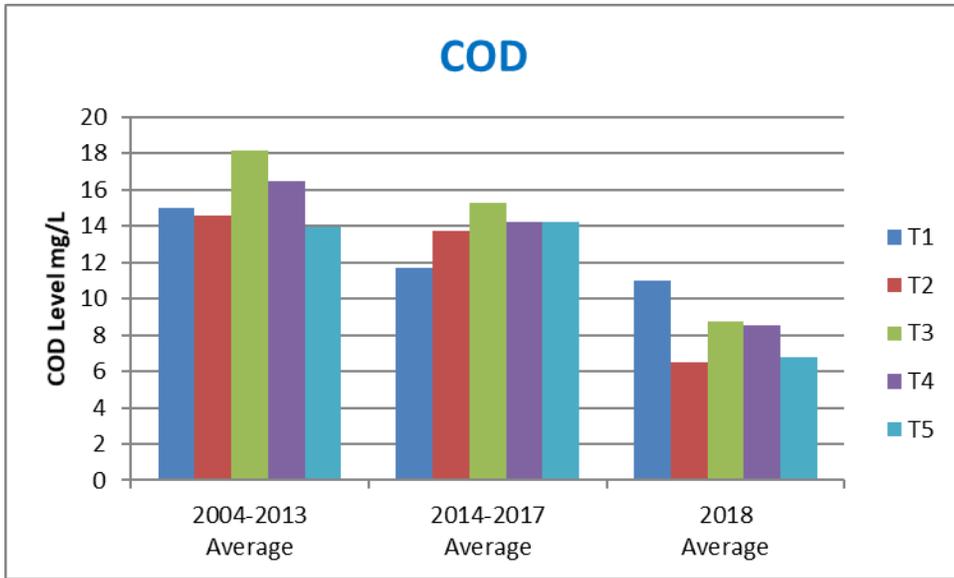


Chart B.1.3b - Tributary

B.1.3c Comparison of Storm Sewer vs. Tributary - The COD levels in the storm sewer run on average an order of magnitude over the stream samples. Streams are constantly biodegrading the organics and therefore would expect lower numbers.

B.1.4a Storm Sewer Total Suspended Solids - Total Suspended Solids (TSS) is a measure of the particulates being carried in the water. Based upon the analyses, the amounts detected have generally been trending down or have remained similar. If you look at the details for each outfall, you will notice the TSS results were highest in the spring with the first major rainfall event after winter. We would suspect this may be a direct result of sand/grit privately applied during the winter to roadways and sidewalks. The City of Rockford stopped applying grit several years ago. The 2018 average concentrations were within historical levels, with one exception, R5 was very high in the March sample event (634mg/l). A source was not identified for the high TSS.

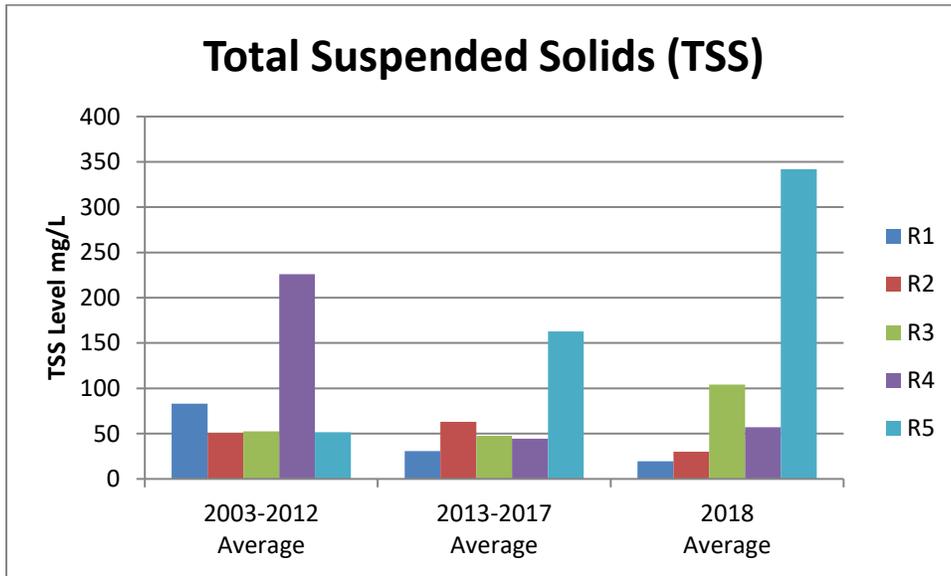


Chart B.1.4a - Storm Sewer

B.1.4b Tributary Total Suspended Solids - Suspended solids decreased in 2018 compared to recent history. T1 and T5 were back to lower levels compared to 2017.

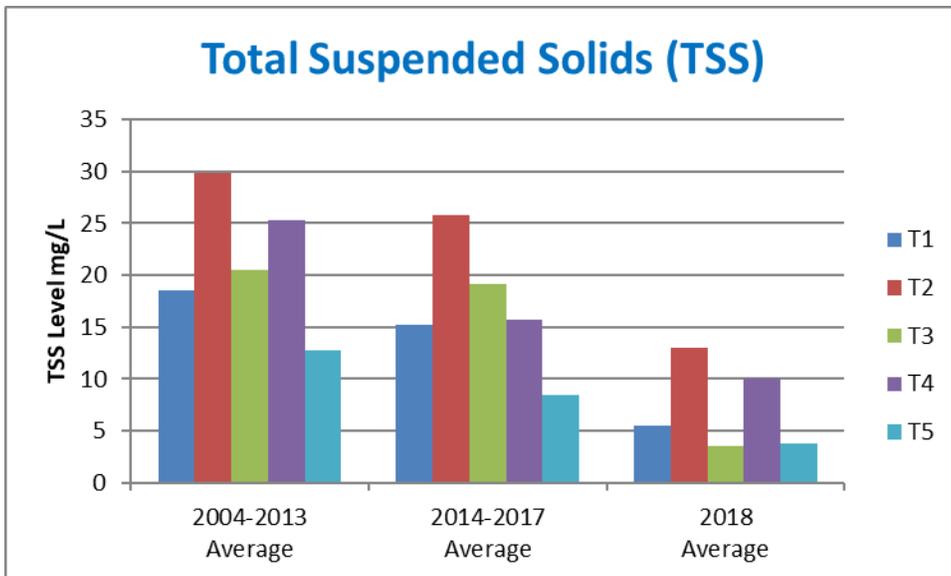


Chart B.1.4b - Tributary

B.1.4c Comparison of Storm Sewer vs. Tributary - The TSS levels are about 10 times higher in the storm sewer samples. Taking the samples in the tributaries during base flow levels would naturally explain the lower solids levels in the streams (solids not washed in).

B.1.5a Storm Sewer Total Dissolved Solids - Total Dissolved solids (TDS) is a measure of all inorganic and organic substances dissolve in the water. For instance, salt would dissolve in water and elevate the content of TDS. The average TDS concentrations for the five outfalls ranged from about 150 to 350 mg/l. The graph indicates higher levels compared to recent samples. You can see a trend of the first spring samples tending to have the highest TDS, believed to be caused by salt residues from winter. In the 2018 spring samples, there may have been higher salt residues from winter applications, than have historically been present.

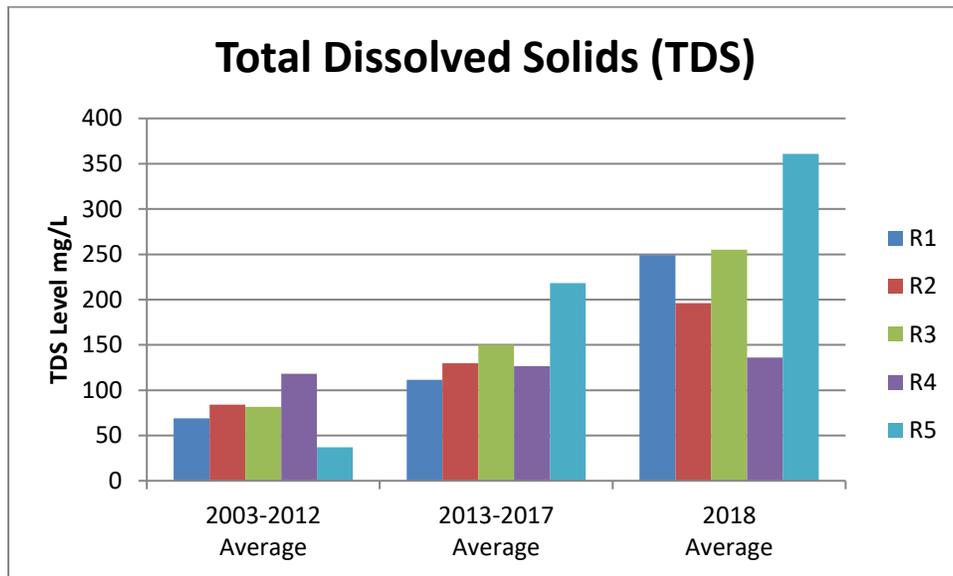


Chart B.1.5a - Storm Sewer

B.1.5b Tributary Total Dissolved Solids - The dissolved solids levels were comparable to historical levels. There is a good correlation between dissolved solids and conductivity levels; salt levels drive both numbers. Tributary sample zones T3, T4, and T5 all have more commercial parking areas with salt application. There are no standards to compare these levels to in Illinois.

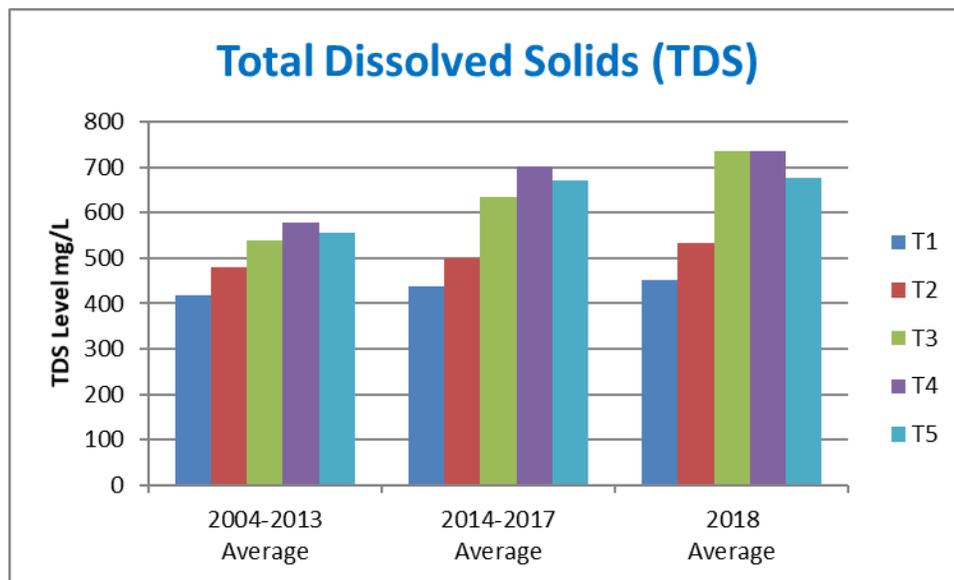


Chart B.1.5b - Tributary

B.1.5c Comparison of Storm Water vs. Tributary - The TDS levels are two to four times higher in the tributary samples than in the sewer samples. The stream and ground water in the region are very hard (high TDS), where rain water is very soft. The high TDS in the tributaries would be expected.

B.1.6 Fats Oils and Grease - Stormwater is analyzed for the presence of Fats, Oils, and Grease (FOG) to assess the impacts from human activities. Industrial and automotive activities would be the sources of elevated numbers. Fortunately, FOG results have been very stable and within a normal range. Typical industrial discharge limits are 15 mg/l and the 2018 average discharge amounts were 10 to 11 mg/l, with 10 being the analytical detection level.

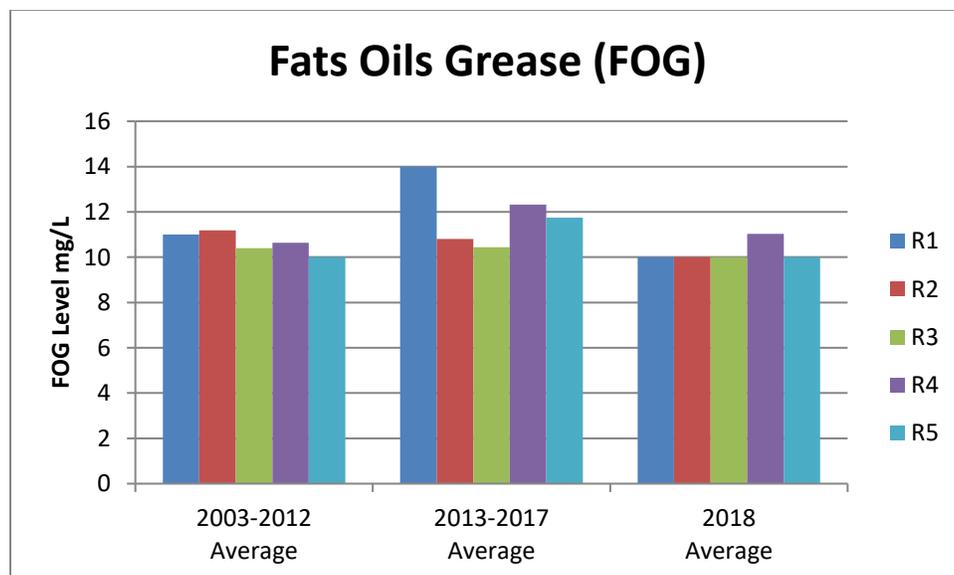


Chart B.1.6

B.1.7 Hardness - Water hardness is monitored as an indicator of water quality and the presence of some metals. Water hardness in 2018 was lower than historical numbers with a range of 12 to 22 mg/l (as CaCO₃) in the stormwater. Hardness levels of under 600 would be normal for surface waters in the region, due to limestone stream sources. Storm sewer water should be primarily rainwater, and this would have low hardness.

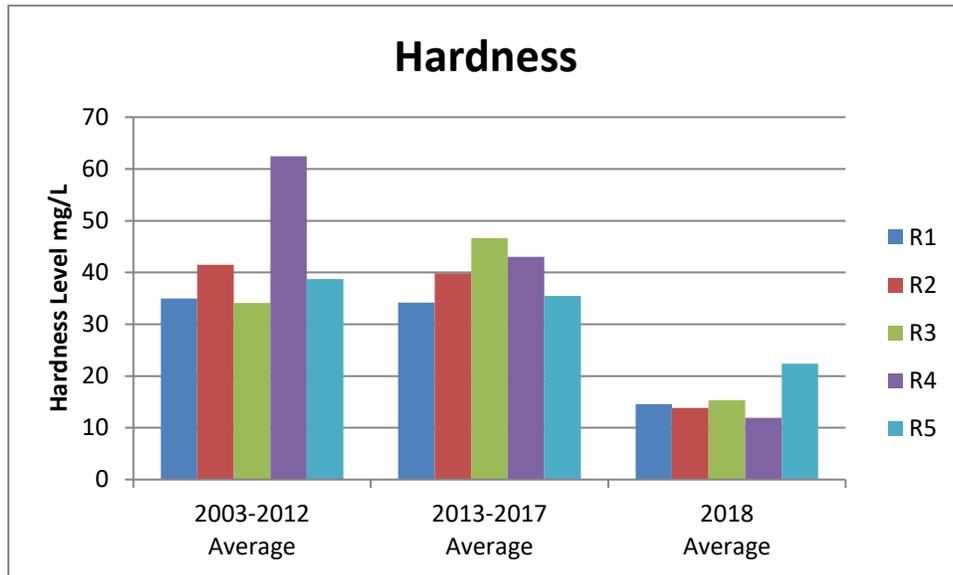


Chart B.1.7

B.1.8a Storm Sewer Nitrogen and Phosphorus - Four different analyses are used to evaluate these nutrient concentrations in the water. Ammonia nitrogen levels were lower than historical numbers. Discharge limits for treated waste water are typically around 3.0 mg/l for ammonia. The five storm sewer outfall averages ranged from 0.5 to 0.9 mg/l ammonia.

Nitrate and nitrite levels are comparable to recent historical levels. The five storm sewer outfalls averaged 0.4 to 0.7 mg/l. Surface water averages about 0.6 mg/l and groundwater about 2.0 mg/l in the region.

Total Kjeldahl Nitrogen (TKN) is a representation of all nitrogen compounds. The five outfalls averaged from about 1.6 to 3.8 mg/l. These concentrations are higher than historical levels. The spring samples were considerably higher than the past.

Currently, typical discharge limits of phosphorus are about 1.0 mg/l. The phosphorus level for the five outfalls range from 0.2 to 1.6 mg/l. Phosphorus levels for R3 and R4 were higher than historical levels. No source for R3 and R4 were identified, with one high result from the spring and the other from the fall.

B.1.8b Tributary Nitrogen and Phosphorus - Phosphorus is a nutrient considered to be the limiting factor for lake eutrophication and algae blooms. Ideally, surface waters should strive to have levels below 0.1 mg/l. Levels of nutrients in the five stream samples have been very similar over the past twelve years. Phosphorus displayed a moderate decline in concentrations. The levels of nitrate and nitrite in the T1 and T2 samples are indicative of agricultural practices that can be found in the Kent Creek watershed. There are no standards to compare these numbers to for surface waters.

B.1.8c Comparison of Storm Water vs. Tributary - Ammonia levels in the storm sewer are about five times that of tributaries. Nitrate and nitrite levels are about double or more in the tributary samples as compared to the storm sewer samples. Phosphorus levels in the storm sewer are about twice that of the tributary levels.

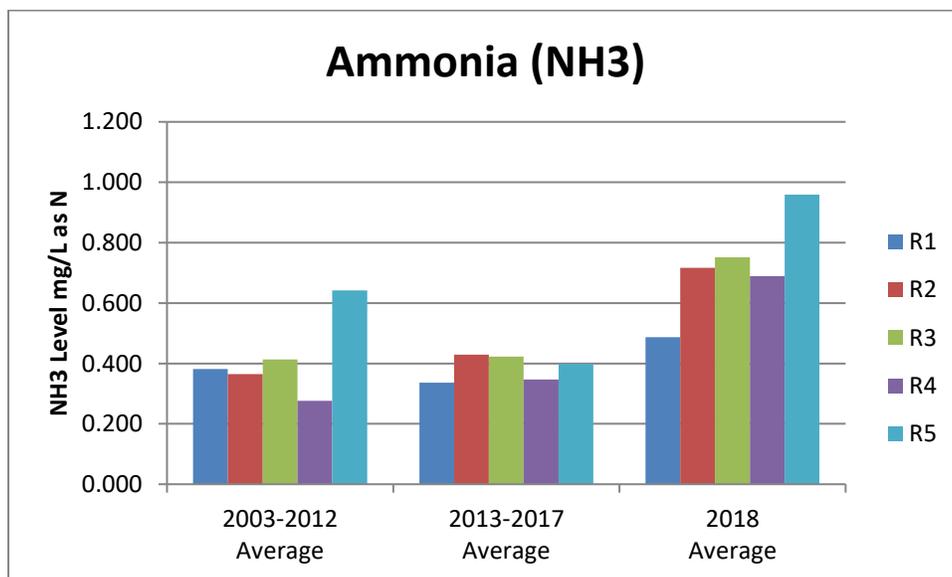


Chart B.1.8a - Storm Sewer

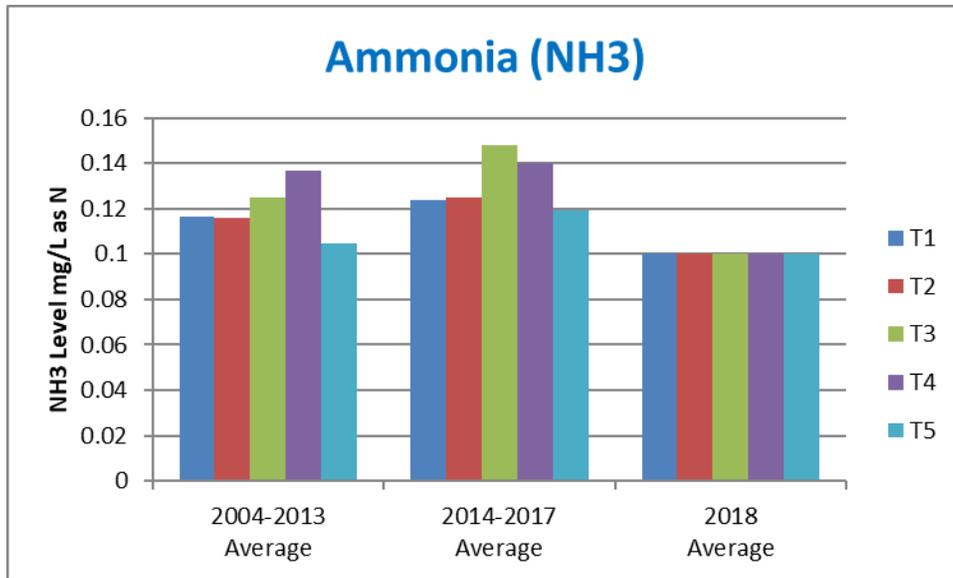


Chart B.1.8b Tributary

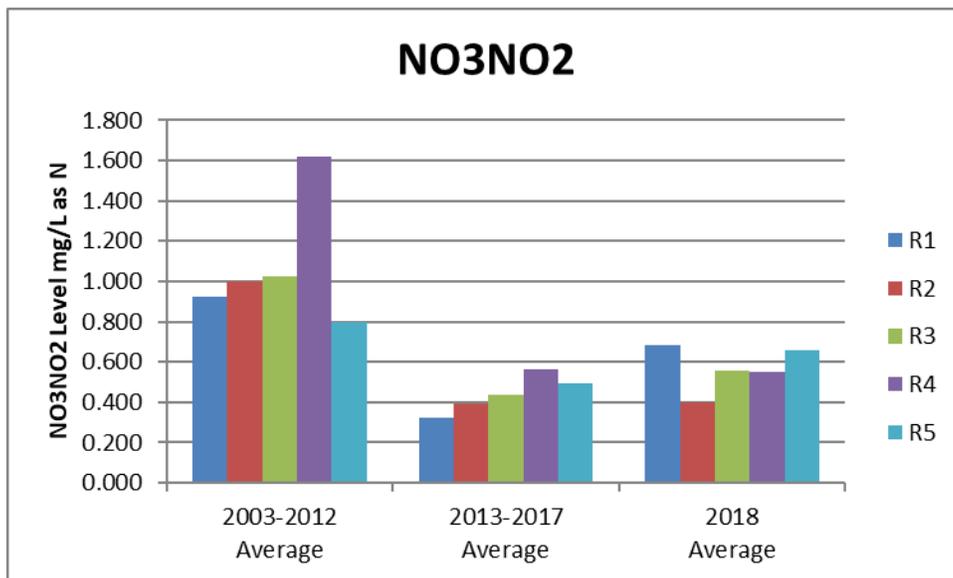


Chart B.1.8c -Storm Sewer

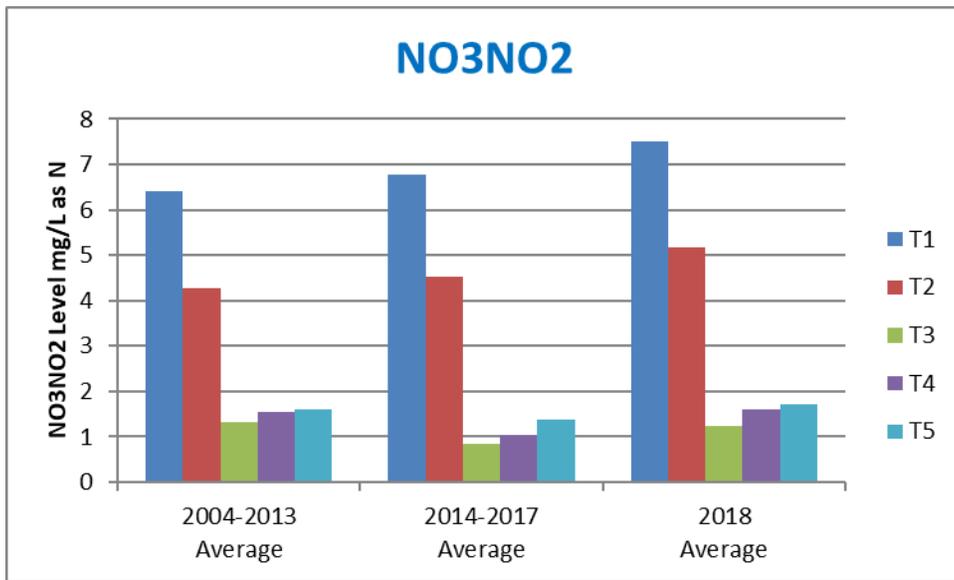


Chart B.1.8d - Tributary

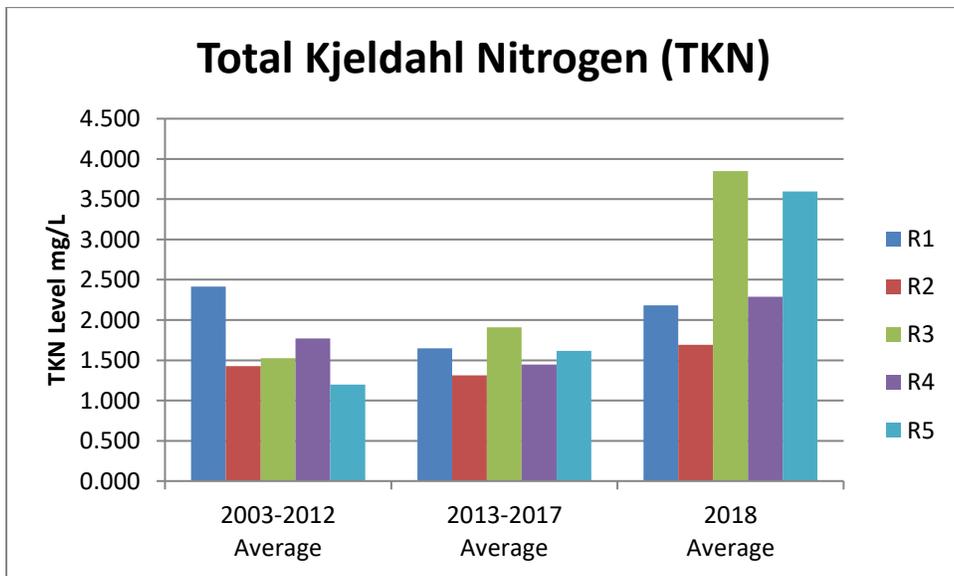


Chart B.1.8e - Storm Sewer

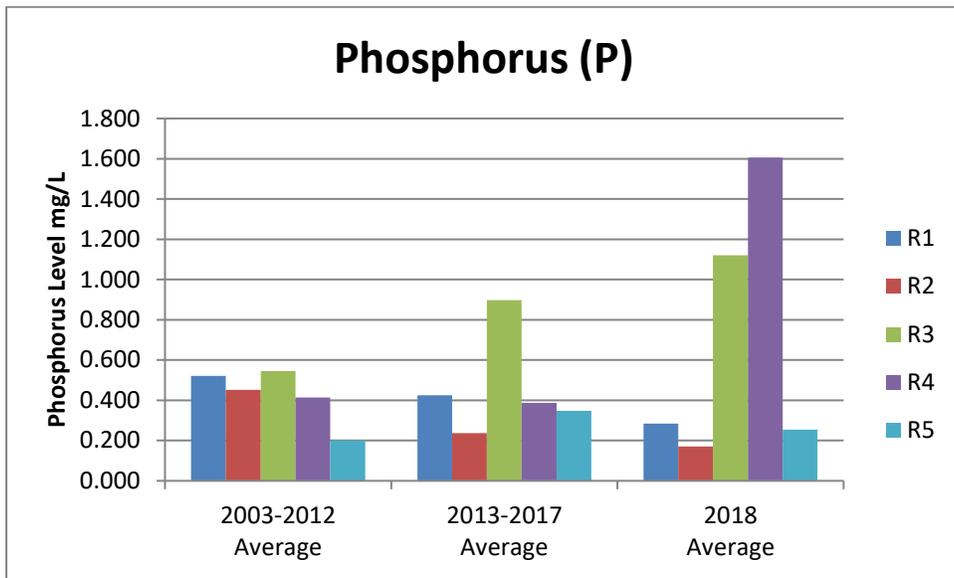


Chart B.1.8f - Storm Sewer

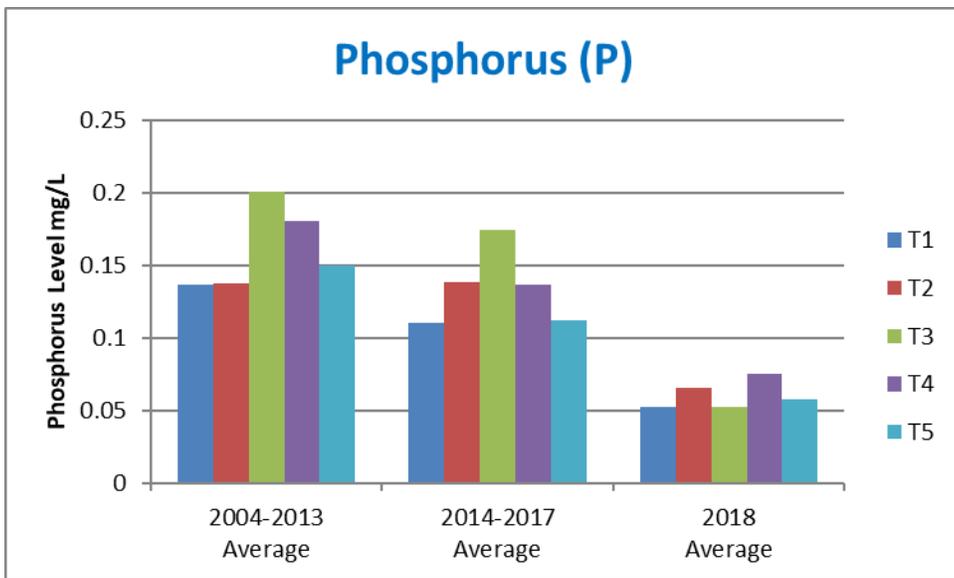
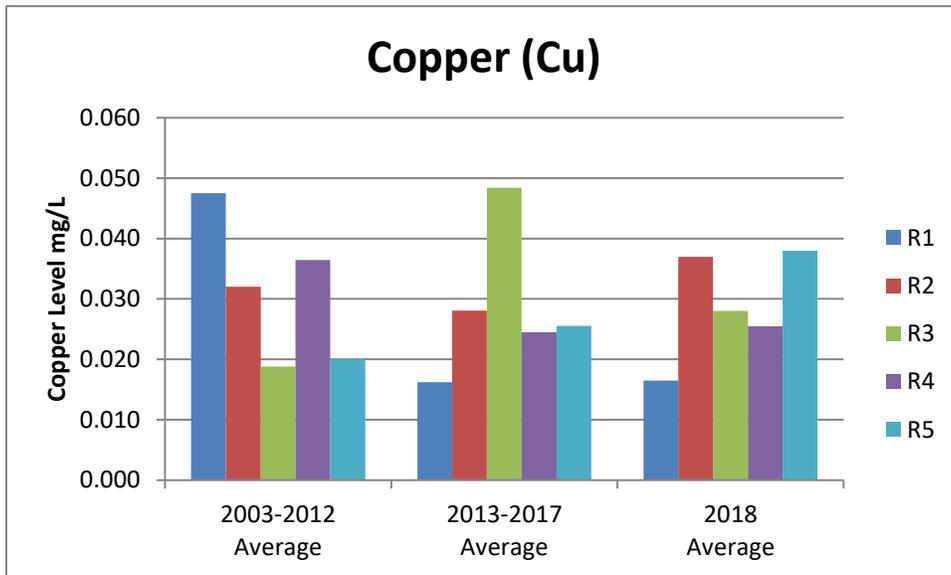


Chart B.1.8g - Tributary

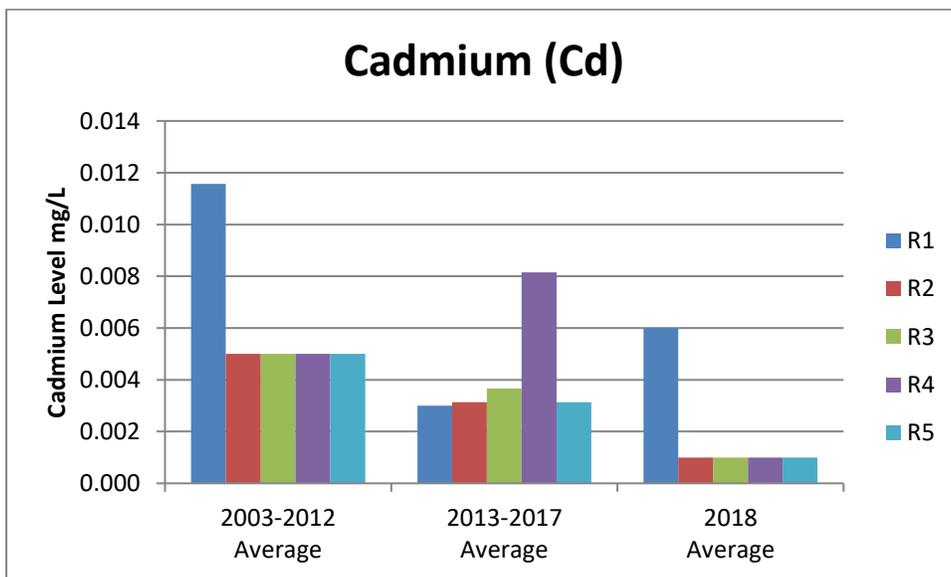
B.1.9a Storm Sewer Metals - Copper, cadmium, zinc, and lead are monitored in the stormwater discharges of all five outfalls. All the metal concentrations were within historical ranges. The March 27th R5 sample for zinc was elevated at 0.494 mg/l. No specific reason is known; however, this level has been observed historically.

B.1.9b Tributary Metals - Results for the tributary metal concentrations are not represented in graphs. The results are all at or only slightly above the detection levels of analysis. Metal levels in the streams are generally not detectable. We would ask the IEPA consider removing the need to sample for tributary metal levels. No comparison is being made.



Note: April 13, 2014 copper results are suspect and were removed from data.

Chart B.1.9a - Storm Sewer



Note: April 13, 2014 cadmium result for outfall R3 was suspect and removed from data.

Chart B.1.9b - Storm Sewer

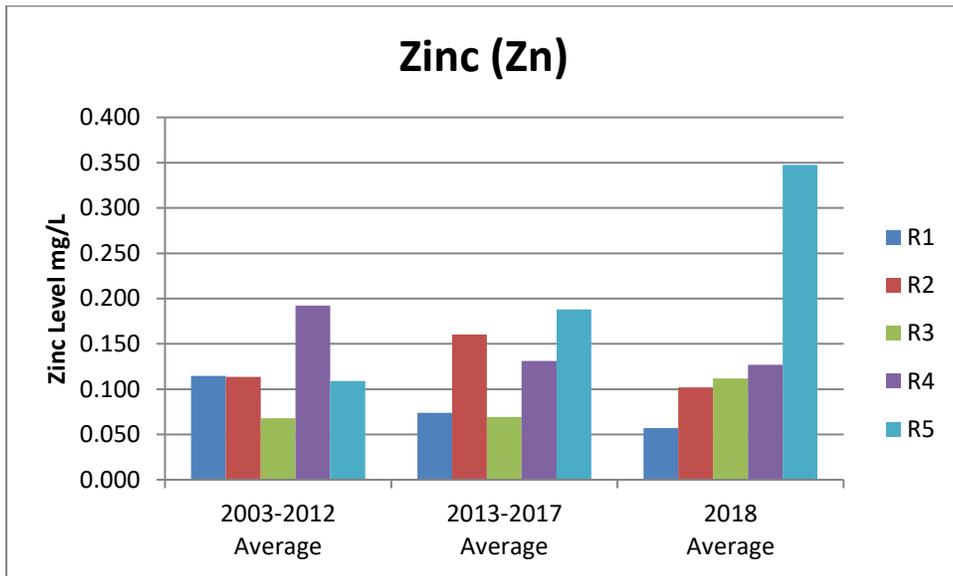


Chart B.1.9c - Storm Sewer

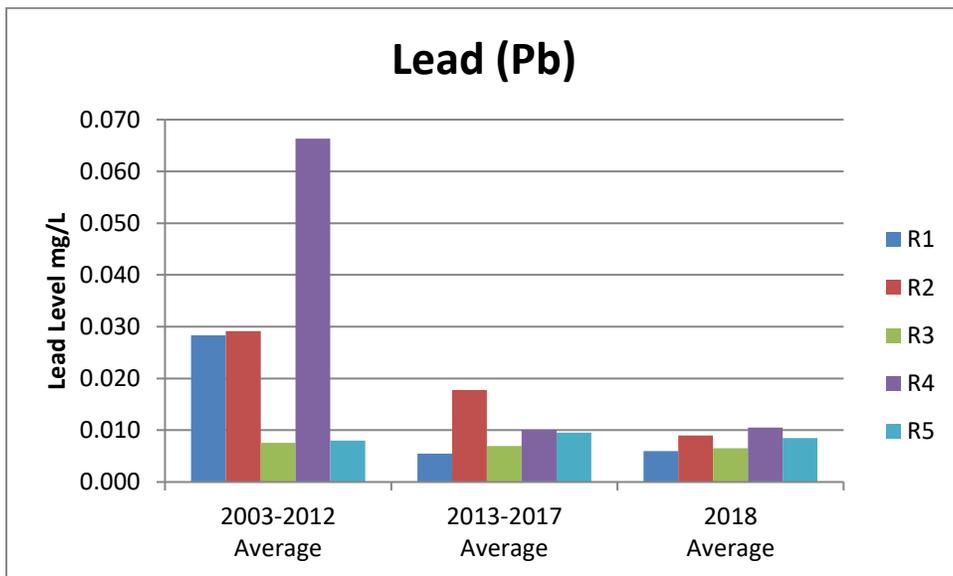


Chart B.1.9d - Storm Sewer

B.1.10 Other Tributary Parameters - Several other analyses are completed on the tributary samples and are displayed here.

B.1.10a Dissolved Oxygen - The levels of dissolved oxygen in the stream are very good. Average stream levels are above 10.0 mg/L. General Use Water Quality Standards strive to see numbers above 6.25 mg/L and never lower than 4.0 mg/L in the summer. There was one reading on 8/13/18 where T1 was recorded as 3.2 mg/l, this is believed to have been an analytical or recording error. High/favorable DO measurements indicate low oxygen demand and minimal sewage or organic loads.

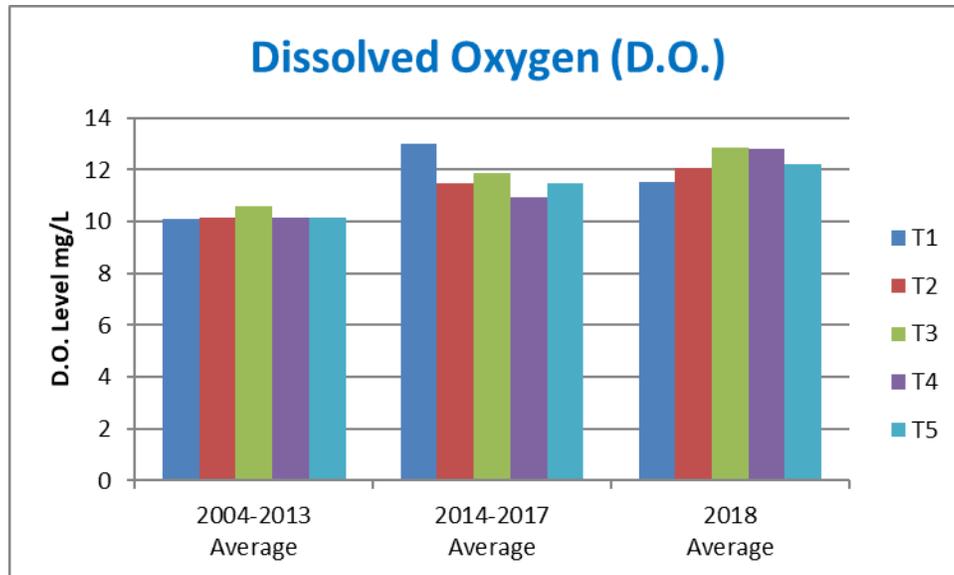


Chart B.1.10a - Tributary

B.1.10b pH - The General Use Water Quality Standard provides an acceptable range of 6.5 to 9.0. For 2018, the pH range of all samples was 7.01 to 8.11. All these numbers are within the normal range of surface water.

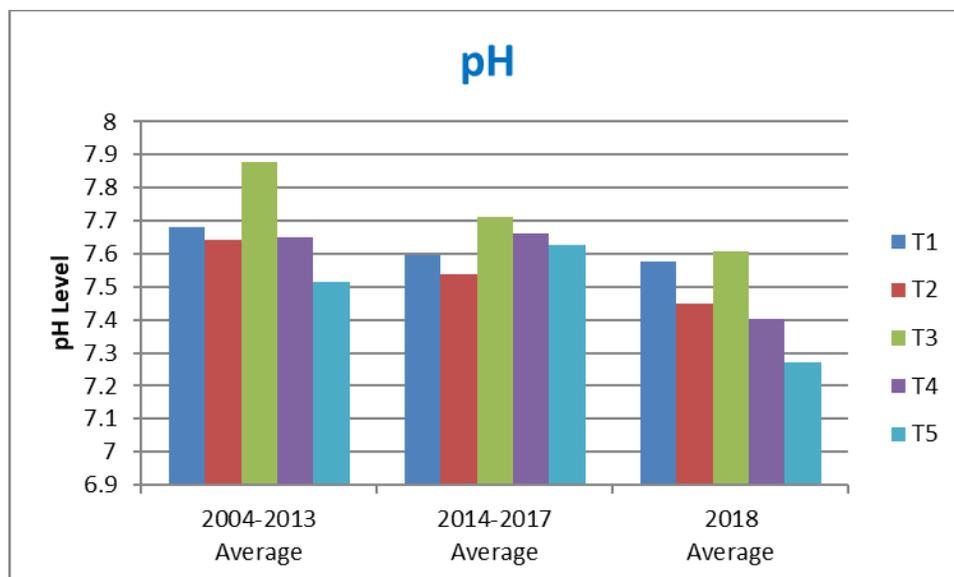


Chart B.1.10b - Tributary

B.1.10c Conductivity - The results demonstrate average levels of 800 to 1500. Conductivity is the measure of ions (salts) dissolved in the water. Stream samples at T1 and T2 on average are lower. This is probably due to less commercial and industrial activities with salt applications on the roads and parking lots. The drainage areas of T1 and T2 are more residential and agricultural. Salt is probably the primary contributor to elevated conductivity and is evident by the elevated levels during the winter.

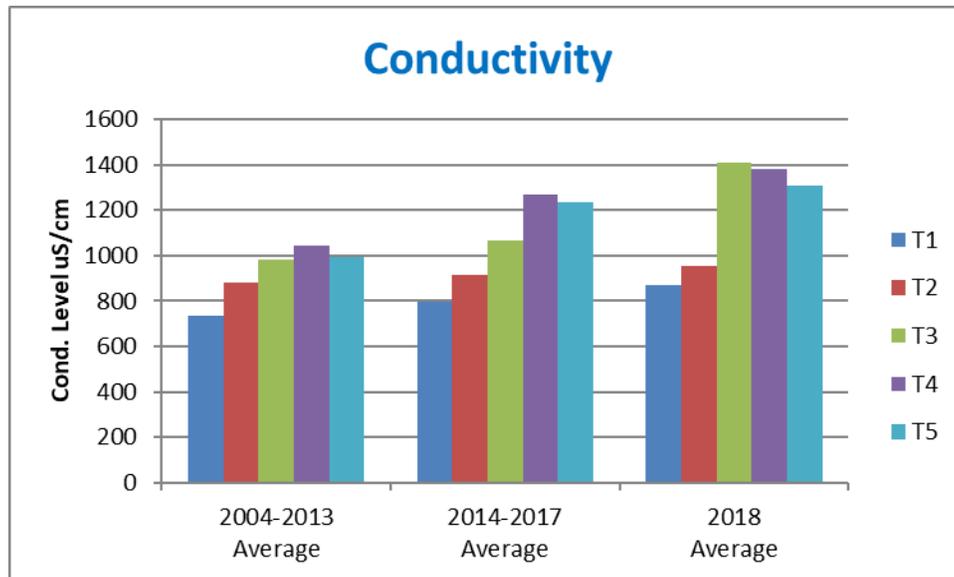


Chart B.1.10c - Tributary

**Table B-1
2018 Storm Sewer Analytical Results**

R1	Outfall: 001	Location Description: Paradise Boulevard Latitude: 42.30576 Longitude: -89.09617			Date:	3/27/2018	5/3/2018	12/27/2018	2018
					Time:	8:20 AM	8:30 AM	8:00 AM	Average
			FCB	CFU/100mL		8164	8164	3654	6661
			BOD	mg/L		21		5	13
			COD	mg/L		107		37	72
			TSS	mg/L		30		9	20
			TDS	mg/L		390		108	249
			FOG	mg/L		10	10	10	10
			Hardness	mg/L		10		19.1	15
			NH3	mg/L as N		0.71		0.265	0.488
			NO3NO2	mg/L as N		0.97		0.394	0.682
			TKN	mg/L		3.36		1	2.180
			P	mg/L		0.35		0.22	0.285
			Cu	mg/L		0.026		0.007	0.017
			Cd	mg/L		0.001		0.011	0.006
			Zn	mg/L		0.084		0.03	0.057
			Pb	mg/L		0.01		0.002	0.006

R2	Outfall: 002	Location Description: Market Street and North First Latitude: 42.27045 Longitude: -89.09043			Date:	3/27/2018	5/3/2018	10/31/2018	2018
					Time:	8:45 AM	8:48 AM	8:45 AM	Average
			FCB	CFU/100mL		52	52	173	92
			BOD	mg/L		15		10	13
			COD	mg/L		94		31	63
			TSS	mg/L		50		10	30
			TDS	mg/L		340		52	196
			FOG	mg/L		10	10	10	10
			Hardness	mg/L		10		17.7	14
			NH3	mg/L as N		0.718		0.716	0.717
			NO3NO2	mg/L as N		0.463		0.335	0.399
			TKN	mg/L		2.04		1.34	1.690
			P	mg/L		0.15		0.19	0.170
			Cu	mg/L		0.061		0.013	0.037
			Cd	mg/L		0.001		0.001	0.001
			Zn	mg/L		0.170		0.034	0.102
			Pb	mg/L		0.011		0.007	0.009

2018 Storm Sewer Analytical Results

R3 Outfall: 003 Location Description: Fairview Blvd. and Crosby Street Latitude: 42.26955 Longitude: -89.04381			Date: 5/3/2018	10/31/2018	2018	
			Time: 9:05 AM	9:07 AM	Average	
	FCB	CFU/100mL		2755	7270	5013
	BOD	mg/L		29	39	34
	COD	mg/L		177	121	149
	TSS	mg/L		186	22	104
	TDS	mg/L		458	52	255
	FOG	mg/L		10	10	10
	Hardness	mg/L		10	20.6	15
	NH3	mg/L as N		0.971	0.532	0.752
	NO3NO2	mg/L as N		0.602	0.516	0.559
	TKN	mg/L		5.16	2.54	3.850
	P	mg/L		0.79	1.45	1.120
	Cu	mg/L		0.039	0.017	0.028
	Cd	mg/L		0.001	0.001	0.001
Zn	mg/L		0.173	0.051	0.112	
Pb	mg/L		0.011	0.002	0.007	

R4 Outfall: 004 Location Description: 9th St, 1 block South of Harrison Latitude: 42.23405 Longitude: -89.07985			Date: 3/27/2018	5/3/2018	10/31/2018	12/27/2018	2018	
			Time: 9:25 AM	9:39 AM	9:30 AM	8:45 AM	Average	
	FCB	CFU/100mL		3255	3255		6131	4214
	BOD	mg/L		15		25		20
	COD	mg/L		85		68		77
	TSS	mg/L		88		26		57
	TDS	mg/L		204		68		136
	FOG	mg/L		10	10	10	13.1	11
	Hardness	mg/L		10		13.8		12
	NH3	mg/L as N		0.618		0.76		0.689
	NO3NO2	mg/L as N		0.594		0.503		0.549
	TKN	mg/L		2.48		2.1		2.290
	P	mg/L		2.9		0.31		1.605
	Cu	mg/L		0.032		0.019		0.026
	Cd	mg/L		0.001		0.001		0.001
	Zn	mg/L		0.161		0.093		0.127
	Pb	mg/L		0.016		0.005		0.011

2018 Storm Sewer Analytical Results

R5	Outfall: 005	Location Description: Forest View Rd and 28th Latitude: 42.23266 Longitude: -89.02128	Date:			2018	
			3/27/2018	5/3/2018	12/27/2018		
			Time:			Average	
			9:15 AM	9:22 AM	8:30 AM		
		FCB	CFU/100mL	24196	24196	529	16307
		BOD	mg/L	19		10	15
		COD	mg/L	106		73	90
		TSS	mg/L	634		50	342
		TDS	mg/L	494		228	361
		FOG	mg/L	10	10	10	10
		Hardness	mg/L	17.6		27.2	22
		NH3	mg/L as N	1.37		0.548	0.959
		NO3NO2	mg/L as N	0.798		0.513	0.656
		TKN	mg/L	5.56		1.63	3.595
		P	mg/L	0.25		0.26	0.255
		Cu	mg/L	0.043		0.033	0.038
		Cd	mg/L	0.001		0.001	0.001
		Zn	mg/L	0.494		0.201	0.348
		Pb	mg/L	0.013		0.004	0.009

	= Indicates below analytical detection level
	= Indicates greater than analytical detection level

Table B - 2
2018 Stream Sampling Analytical Results

T1	Tributary : 1	Location Description: North Kent Creek at Fairgrounds Latitude: 42.27818 Longitude: 89.10305			date	3/5/2018	6/4/2018	8/13/2018	11/19/2018	12/19/2018
					time	8:25AM	8:35AM	8:30AM	9:30 AM	
stream monitoring data			D.O.	mg/L		16.80	11.00	3.20		15.1
			pH			7.72	7.94	7.07		7.57
			Temp	deg. C		2.2	13.9	17		1.5
			Cond	uS/cm		861	860	880		875
conventional pollutants			Fecal	cfu/100 mL		41	816	677	52	
			COD	mg/L		1	23	15	5	
			TSS	mg/L		3	8	7	4	
			TDS	mg/L		470	438	436	460	
			Hardness	mg/L		359	356	377	369.12	
nutrients			NH ₃ -N	mg/L		0.1	0.1	0.1	0.1	
			NO ₃ -N	mg/L		7.4	6.7	6.6	8.38	
			P	mg/L		0.08	0.03	0.06	0.04	
heavy metals			Cu	mg/L		0.006	0.003	0.007	0.001	
			Cd	mg/L		0.001	0.001	0.001	0.001	
			Ni	mg/L		0.001	0.001	0.001	0.001	
			Cr	mg/L		0.001	0.001	0.001	0.001	
			Zn	mg/L		0.015	0.022	0.045	0.018	
			Pb	mg/L		0.001	0.001	0.001	0.001	

T2	Tributary : 2	Location Description: South Kent Creek near intersection of Tay and Corbin St.			date	3/5/2018	6/4/2018	8/13/2018	11/19/2018	12/19/2018
					time	8:35AM	8:46AM	8:35AM	9:40 AM	
stream monitoring data			D.O.	mg/L		16.70	8.20	8.40		14.90
			pH			7.80	7.87	6.89		7.24
			Temp	deg. C		2.7	16.1	19		2.4
			Cond	uS/cm		923	980	980		925
conventional pollutants			Fecal	cfu/100 mL		52	393	379	20	
			COD	mg/L		1	6	15	4	
			TSS	mg/L		14	12	18	8	
			TDS	mg/L		538	528	522	544	
			Hardness	mg/L		364	372	390	376.56	
nutrients			NH ₃ -N	mg/L		0.1	0.1	0.1	0.1	
			NO ₃ -N	mg/L		5.2	3.9	4.4	6.39	
			P	mg/L		0.11	0.06	0.05	0.04	
heavy metals			Cu	mg/L		0.002	0.002	0.002	0.001	
			Cd	mg/L		0.001	0.001	0.001	0.001	
			Ni	mg/L		0.001	0.001	0.001	0.001	
			Cr	mg/L		0.001	0.001	0.001	0.001	
			Zn	mg/L		0.018	0.019	0.027	0.016	
			Pb	mg/L		0.001	0.001	0.001	0.001	

2018 Stream Sampling Analytical Results

T3	Tributary : 3	Location Description: Keith Creek at Tenth Avenue Park Latitude: 42.25622 Longitude: 89.08460			date	3/5/2018	6/4/2018	8/13/2018	11/19/2018	12/19/2018
					time	8:50AM	9:00AM	8:45AM	9:50 AM	
stream monitoring data			D.O.	mg/L		18.10	7.50	8.60		17.20
			pH			8.00	8.11	7.11		7.21
			Temp	deg. C		0.8	15.5	19.2		-0.1
			Cond	uS/cm		1813	1420	1200		1210
conventional pollutants			Fecal	cfu/100 mL		160	1450	1039	223	
			COD	mg/L		7	8	15	5	
			TSS	mg/L		2	4	4	4	
			TDS	mg/L		784	790	600	768	
			Hardness	mg/L		434	478	419	405.04	
nutrients			NH ₃ -N	mg/L		0.1	0.1	0.1	0.1	
			NO ₃ -N	mg/L		1.7	0.2	0.2	1.84	
			P	mg/L		0.03	0.05	0.09	0.04	
heavy metals			Cu	mg/L		0.003	0.001	0.009	0.001	
			Cd	mg/L		0.001	0.001	0.001	0.001	
			Ni	mg/L		0.001	0.001	0.001	0.001	
			Cr	mg/L		0.001	0.001	0.001	0.001	
			Zn	mg/L		0.015	0.042	0.0035	0.015	
			Pb	mg/L		0.001	0.001	0.001	0.001	

T4	Tributary : 4	Location Description: Keith Creek at Dahlquist Park Latitude: 42.26425 Longitude: 89.04542			date	3/5/2018	6/4/2018	8/13/2018	11/19/2018	12/19/2018
					time	9:05AM	9:15AM	8:55AM	10:05 AM	
stream monitoring data			D.O.	mg/L		16.60	9.60	9.60		15.50
			pH			7.93	7.94	6.73		7.01
			Temp	deg. C		2.4	12.9	16.4		1.9
			Cond	uS/cm		1514	1460	1270		1275
conventional pollutants			Fecal	cfu/100 mL		41	1050	1789	226	
			COD	mg/L		1	11	15	7	
			TSS	mg/L		9	20	7	4	
			TDS	mg/L		788	778	620	754	
			Hardness	mg/L		436	506	440	402.48	
nutrients			NH ₃ -N	mg/L		0.1	0.1	0.1	0.1	
			NO ₃ -N	mg/L		1.8	0.9	0.5	2.14	
			P	mg/L		0.05	0.09	0.11	0.05	
heavy metals			Cu	mg/L		0.001	0.004	0.004	0.001	
			Cd	mg/L		0.001	0.001	0.001	0.001	
			Ni	mg/L		0.001	0.001	0.001	0.001	
			Cr	mg/L		0.001	0.001	0.001	0.001	
			Zn	mg/L		0.015	0.039	0.076	0.015	
			Pb	mg/L		0.001	0.001	0.001	0.001	

2018 Stream Sampling Analytical Results

T5	Tributary : 5	Location Description: Spring Creek at Starweather Avenue Latitude: 42.28903 Longitude: 89.05027			date	3/5/2018	6/4/2018	8/13/2018	11/19/2018	12/19/2018
					time	9:23AM	9:35AM	8:13AM	10:20 AM	
stream monitoring data			D.O.	mg/L		15.90	8.70	10.00		14.20
			pH			7.86	7.68	6.46		7.08
			Temp	deg. C		2.4	12	15		2.4
			Cond	uS/cm		1589	1280	1120		1238
conventional pollutants			Fecal	cfu/100 mL		63	464	279	959	
			COD	mg/L		3	7	15	2	
			TSS	mg/L		1	6	7	1	
			TDS	mg/L		736	688	588	694	
			Hardness	mg/L		426	487	443	428.56	
nutrients			NH ₃ -N	mg/L		0.1	0.1	0.1	0.1	
			NO ₃ -N	mg/L		2.3	1.3	1.56	1.56	
			P	mg/L		0.03	0.1	0.05	0.05	
heavy metals			Cu	mg/L		0.002	0.001	0.002	0.002	
			Cd	mg/L		0.001	0.001	0.001	0.001	
			Ni	mg/L		0.001	0.001	0.001	0.001	
			Cr	mg/L		0.001	0.001	0.001	0.001	
			Zn	mg/L		0.015	0.029	0.015	0.015	
			Pb	mg/L		0.001	0.001	0.001	0.001	

	= Indicates below analytical detection level
	= Indicates greater than analytical detection level

B.2 Storm Events and Runoff

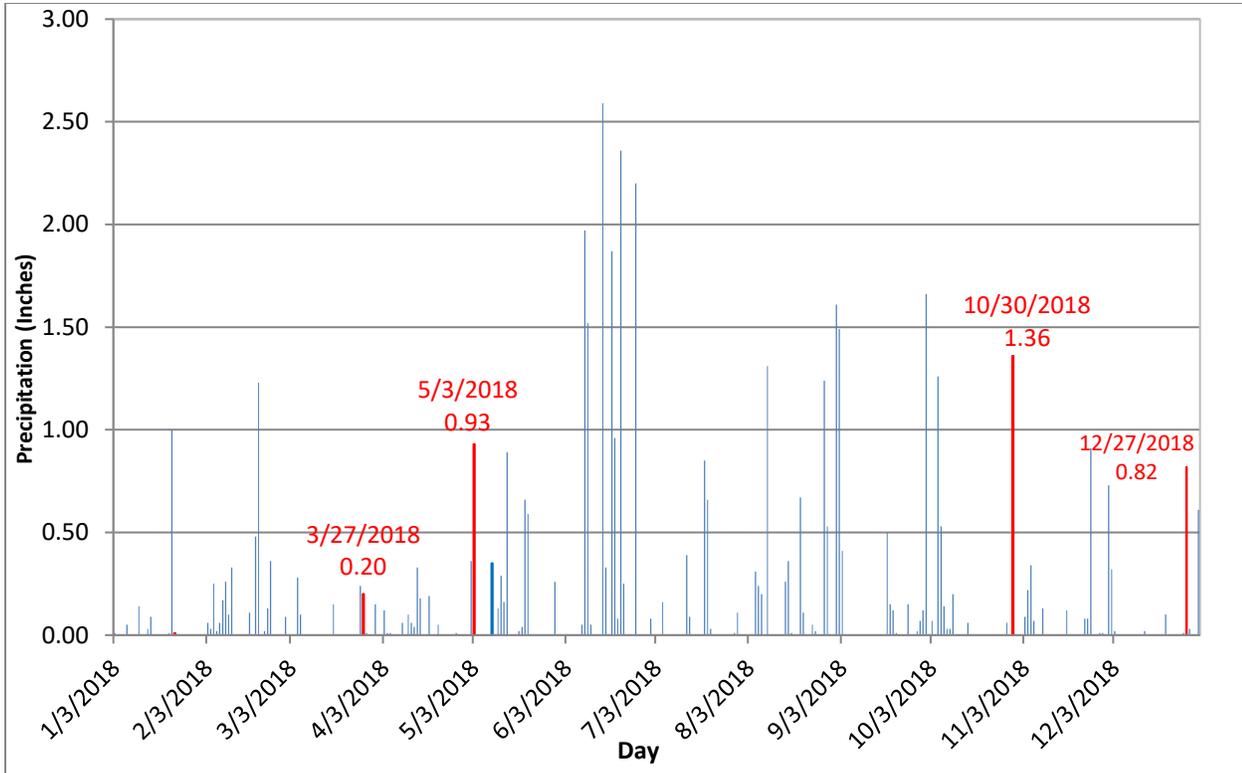
The average precipitation at the Rockford airport over 40 years is 36.3 inches in 118 rainfall events. During the past year, there were 131 rainfall events (>0.1”) totaling 48.70 inches of rain. The following Table B-3 and Graph B-2 provide the historical and 2018 data for each rainfall event and days when samples were collected and highlighted red.

The automatic sampling stations are triggered by rain gauges at each location. They are tipping bucket-type gauges and do not record rain amounts other than the number of tips since the meter was last reset. The samplers are programmed to sample after the first 0.10 inch of rain is measured, pumping storm sewer water into the sample bottle in proportion to the amount of rainfall (i.e. number of bucket tips). The resulting sample is thereby a precipitation-weighted sample. Data in the following tables is from the Rockford International Airport. Because rainfall is not evenly distributed across Rockford, not all stations are triggered during all storm events. In addition, samplers periodically have mechanical problems and water samples may not be collected or may need to be discarded. Mechanical problems (battery outages, or fuse failures) most commonly arise from flooding of the underground vault that house the samplers.

Table B-3

Average Days of Precipitation , 0.01 inches or more														
	YRS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ROCKFORD, IL 1961-1993	43	9	8	11	12	11	10	10	9	9	9	9	10	118
2003	1	6	4	13	8	14	9	9	6	6	7	12	7	101
2004	1	7	7	19	6	17	9	10	10	1	13	14	5	118
2005	1	13	11	9	10	12	9	6	7	9	4	10	11	111
2006	1	8	6	14	11	16	12	11	9	13	11	5	8	124
2007	1	10	10	11	9	11	11	8	17	6	11	5	15	124
2008	1	13	15	10	11	10	15	11	6	8	8	8	16	131
2009	1	9	7	9	11	9	10	9	11	5	17	8	15	120
2010	1	5	9	9	11	11	16	13	9	10	5	2	14	114
2011	1	14	12	8	16	13	11	8	10	9	9	7	11	128
2012	1	9	8	12	10	11	4	12	8	7	10	3	12	106
2013	1	8	8	4	9	14	12	5	3	2	5	5	1	76
2014	1	13	8	12	13	12	16	8	10	8	9	8	6	123
2015	1	4	1	3	3	8	9	4	4	4	4	5	5	54
2016	1	2	2	6	4	8	3	5	10	3	3	3	7	56
2017	1	11	7	17	16	14	14	11	5	1	7	4	0	107
2018	1	8	15	8	12	12	12	9	13	11	11	11	9	131
MONTHLY PRECIPITATION (inches)														
	YRS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
ROCKFORD, IL 1961 - 90	40	1.28	1.14	2.46	3.65	3.66	4.52	4.12	4.15	3.80	2.88	2.57	2.05	36.3
2003	1	0.34	0.16	1.45	2.33	4.20	1.98	3.71	0.48	1.89	1.30	3.70	3.20	24.7
2004	1	0.46	0.79	4.04	1.79	8.21	3.40	3.25	6.89	0.08	2.56	3.03	0.61	35.1
2005	1	3.29	1.51	0.43	1.71	1.78	2.45	1.45	5.10	1.86	0.24	2.81	0.98	23.6
2006	1	2.98	0.66	4.05	4.30	3.72	3.32	3.64	3.55	2.91	3.52	2.69	2.52	37.9
2007	1	0.79	1.43	3.25	2.73	1.25	4.07	2.43	13.98	2.04	1.44	0.40	3.27	37.1
2008	1	1.14	3.06	2.23	5.42	3.12	6.27	7.35	1.91	6.36	1.68	1.39	4.18	44.1
2009	1	0.81	2.22	5.80	4.60	3.35	7.36	2.60	7.19	1.69	5.94	1.44	3.55	46.6
2010	1	0.85	0.66	1.41	2.78	5.82	4.78	9.40	1.96	1.89	3.02	0.25	1.73	34.6
2011	1	0.88	1.90	3.41	3.40	3.18	3.39	8.00	4.47	5.33	1.58	4.10	2.06	41.7
2012	1	1.23	1.31	2.09	4.13	1.62	0.61	2.69	2.38	1.74	2.42	0.60	2.49	23.3
2013	1	2.99	1.96	1.97	7.82	2.91	7.33	1.83	2.61	1.28	3.02	1.95	0.21	35.9
2014	1	1.98	1.76	1.03	2.87	2.33	8.06	2.46	5.76	2.00	2.69	1.63	0.93	33.5
2015	1	1.26	0.14	1.19	2.73	4.70	4.59	3.36	4.71	2.70	1.98	3.84	4.38	35.6
2016	1	0.98	0.53	3.85	2.64	2.95	2.00	5.64	4.29	2.84	1.23	2.58	1.82	31.4
2016	1	0.50	0.39	5.01	1.47	3.23	2.85	5.14	4.88	1.51	1.73	2.42	1.82	30.95
2017	1	2.25	1.79	2.74	6.83	4.90	7.49	7.43	0.88	0.39	5.59	0.96	0.00	41.25
2018	1	1.34	3.61	1.22	1.16	4.68	14.23	2.38	5.31	4.65	5.40	2.06	2.66	48.70

Graph B-2



B.3 Storm Water Pollutant Load

The EPA Simple Method was used to develop storm runoff volumes and associated pollutant loads. The method is discussed in the EPA guidance manual¹. In the Simple Method, annual pollutant loads are estimated as the product of storm runoff volume and average pollutant concentrations, summed over the course of one year. Annual runoff was estimated as the product of rainfall, a runoff coefficient, and the fraction of annual rainfall events that produce runoff (recommended by USEPA guidance as 0.9). The runoff coefficients account for imperviousness and were estimated from 30-m pixel satellite imagery from the Illinois GAP Project².

Table B-4 provides the updated event average concentrations (EAC) and estimates for 2018 storm water pollutant loads. These loads do not include areas outside City Limits or any baseflow (or natural background) pollutant loads. The averages were calculated from the data presented in Table B-1.

¹ Guidance Manual for the Preparation of Part 2 of the NPDES Permit Applications for Discharges from Municipal Separate Storm Sewer Systems. EPA-833-B-92-002. November 1992.

² Illinois Natural History Survey's 1999-2000 1:100,000 Scale Illinois Gap Analysis Land Cover Classification, Version 2.0, September 2003.

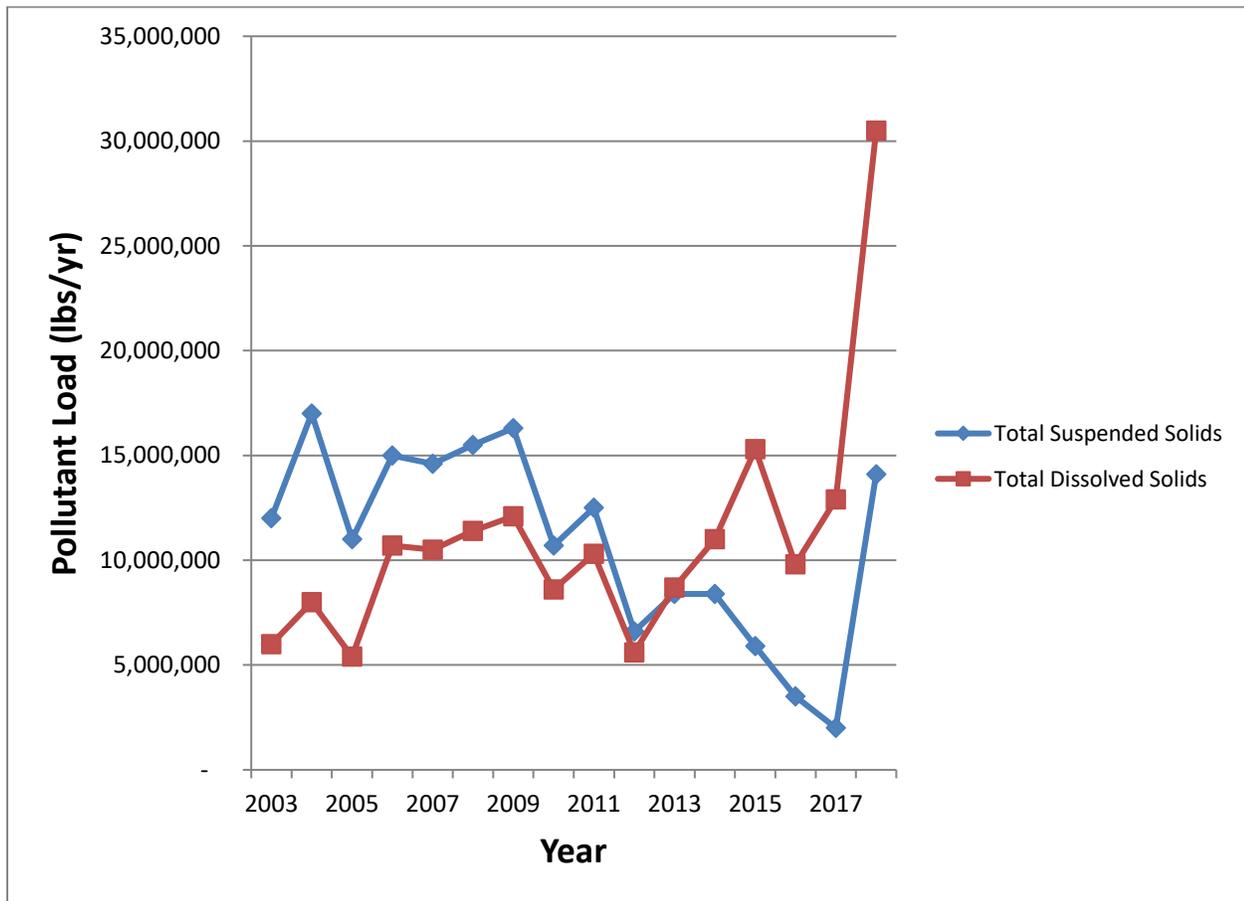
Table B-4

Stormwater Pollutant Loads for 2018				
Pollutant	Event Average Concentration		Pollutant Load	
Total Suspended Solids	110.5	mg/L	14,100,000	lbs/yr
Total Dissolved Solids	239.4	mg/L	30,500,000	lbs/yr
Biochemical Oxygen Demand	18.8	mg/L	2,400,000	lbs/yr
Chemical Oxygen Demand	89.9	mg/L	11,500,000	lbs/yr
Ammonia Nitrogen	0.7	mg/L	92,000	lbs/yr
Nitrate Nitrogen	0.6	mg/L	72,000	lbs/yr
Total Kjeldahl Nitrogen	2.7	mg/L	347,000	lbs/yr
Total Nitrogen	0.6	mg/L	72,000	lbs/yr
Total Phosphorus	0.7	mg/L	88,000	lbs/yr
Copper	29.0	ug/L	3,700	lbs/yr
Cadmium	2.0	ug/L	300	lbs/yr
Zinc	149.1	ug/L	19,000	lbs/yr
Lead	8.1	ug/L	1,000	lbs/yr
Fecal Coliform Bacteria	5617.9	CFU/100mL	3,300,000	Billion CFU/yr
FOG	10.2	mg/L	1,301,000	lbs/yr

Pollutant loadings increased due to the increased precipitation and greater concentrations for most parameters from 2017. Rainfall increased seven inches over 2017 totals, to the highest volume since the stormwater study began in 2003. The total dissolved solids levels were at historical highs.

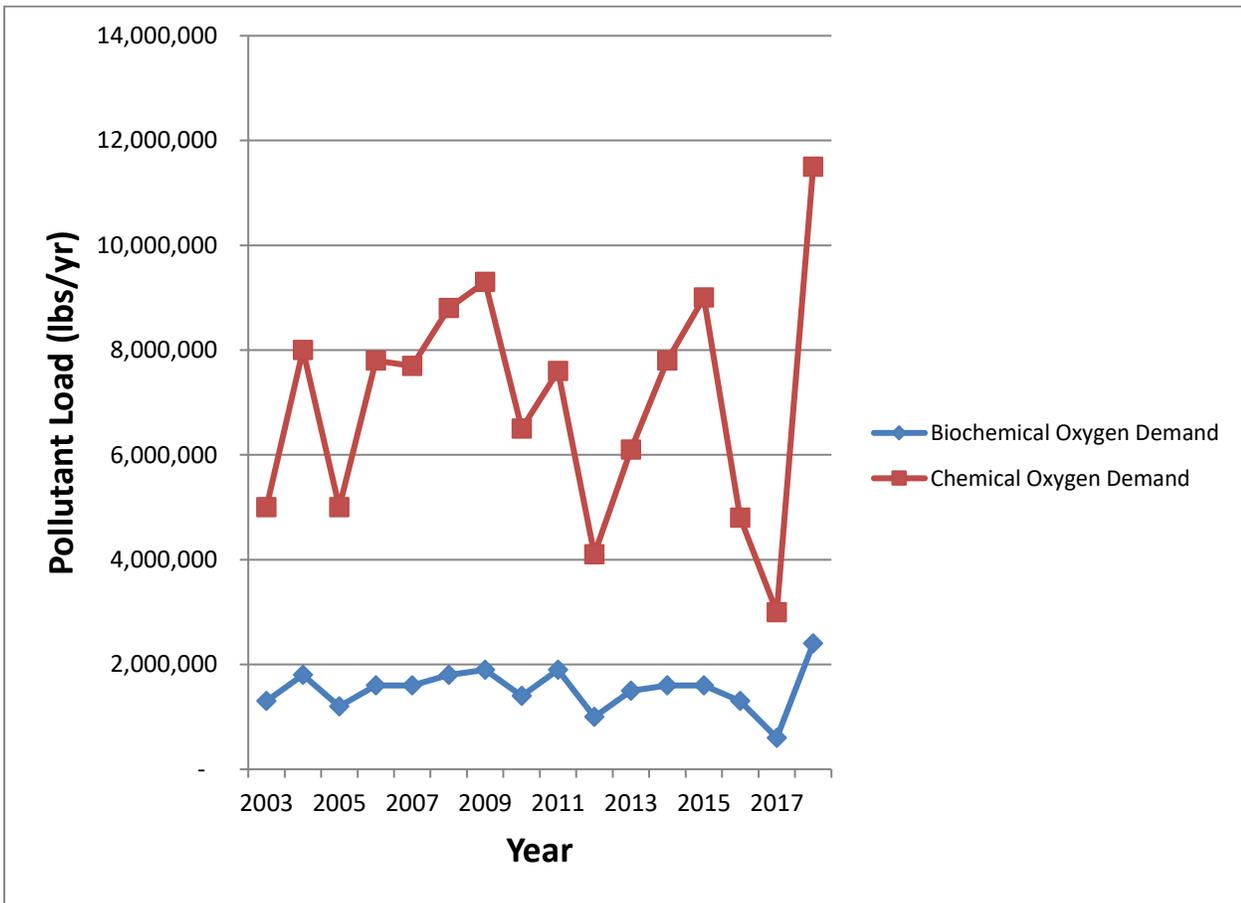
Graphs B.3.1 - The following four plot graphs represent storm water pollutant loads from the MS4 for several key parameters. Trends in these plots are a function of not only changes in the average concentration, but changes in annual runoff volumes.

B.3.1 Annual Solids Loading - Solids loading to the streams has been on a downward trend for suspended solids. This may be the result of discontinued practices by the City for grit applications. There was a reversal in this trend in 2018, back to near historical loadings. The dissolved solids loadings had been increasing the past few years and spiked in 2018 due to the increased volume of stormwater and the higher concentrations of dissolved solids. This upward trend could be the result of increased salt application, due to the fact concentrations are three to four times higher in the spring.



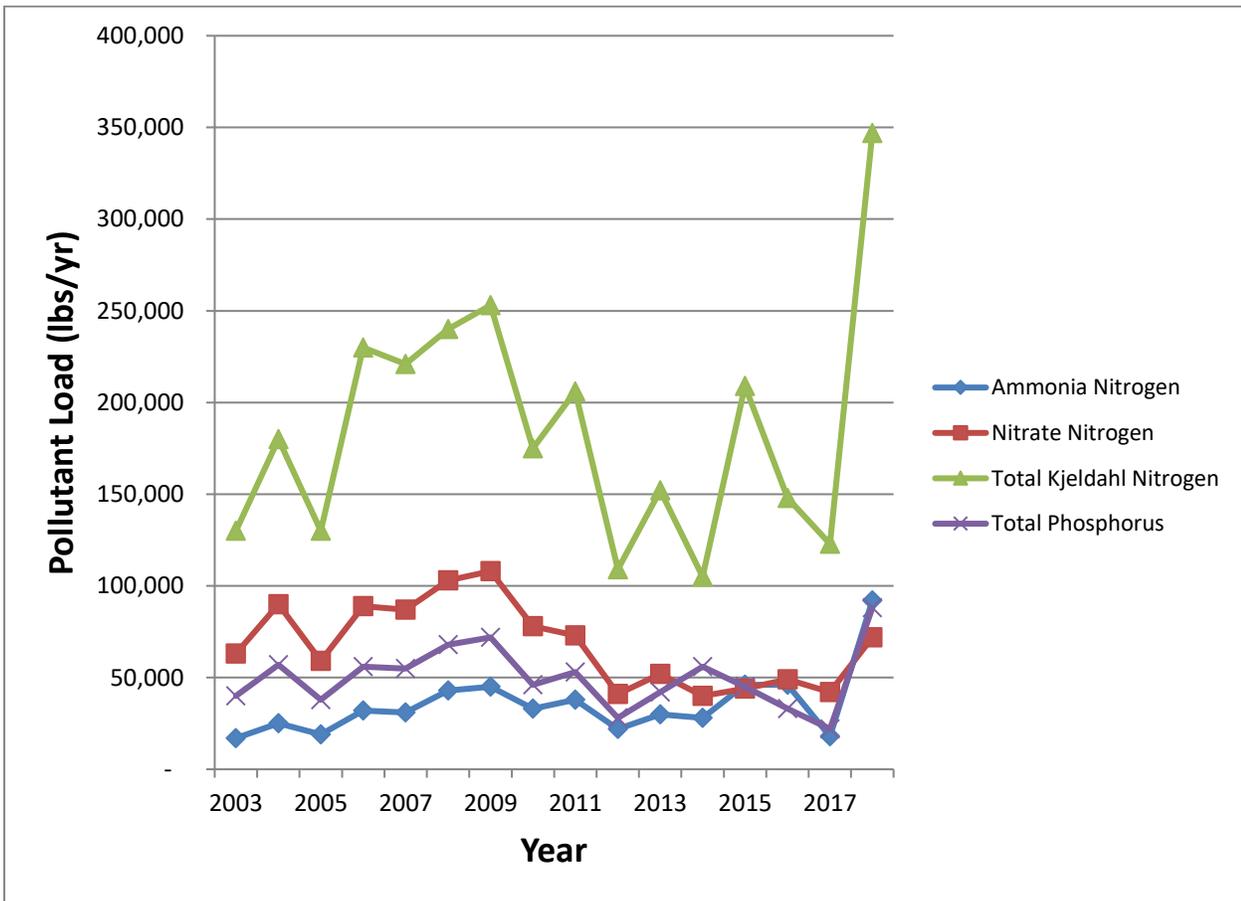
Graph B.3.1

B.3.2 Oxygen Demand - The oxygen demand over time has stayed very similar from one year to the next. BOD has little variation, but COD has some larger swings in the loading values.



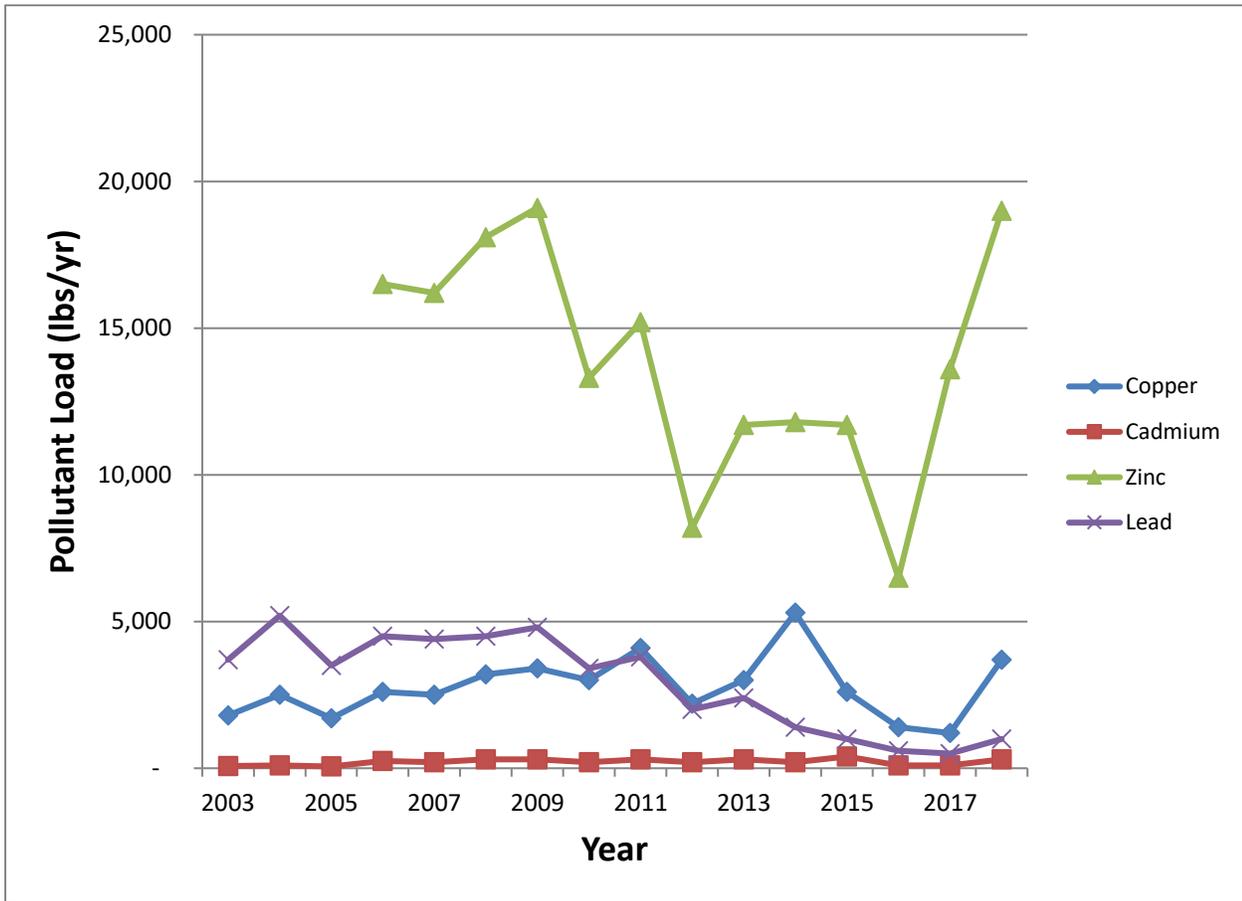
Graph B.3.2

B.3.3 - Nutrient Loadings - The nutrient loadings from the City appear to be stable with minor fluctuations from one year to the next. 2018 saw an increase in all parameters.



Graph B.3.3

B.3.4 Metals Loading - The metal loadings have shown a slight decreasing trend in recent history. But 2018 had increased loading, primarily due to the increased amount of precipitation. Copper and cadmium have been relatively stable.



Graph B.3.4

APPENDIX C
(MAINTENANCE OF CITY OWNED/MANAGED DETENTION BASINS AND FLOOD CONTROL STRUCTURES)

City of Rockford Detention Basins and Flood Control Structures

Detention Basins

1. Arden Court

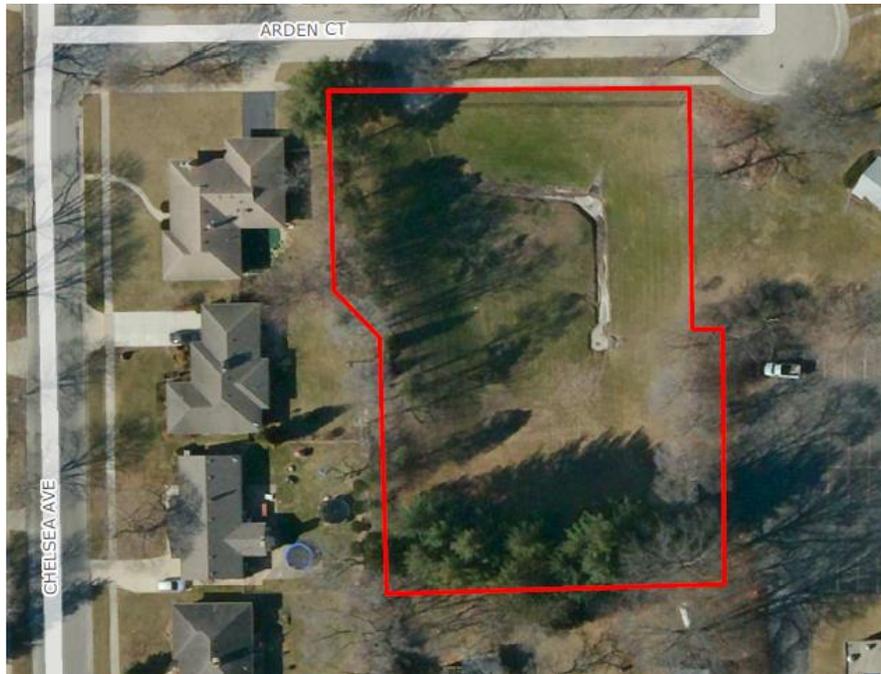
Year Built: 1990

Watershed: Keith Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: SE Corner of Chelsea Avenue & Arden Court



Maintenance Activities by Year:

Year	Maintenance
2012	Removed .75 ton of sediment, routine mowing
2013	Removed 3 tons of sediment, routine mowing
2014	Removed 3 tons of sediment, routine mowing
2015	Removed 4.5 tons of sediment, adjusted outlet flare & routine mowing
2016	Removal of sediment & routine mowing
2017	Sediment removal, trash rack cleanout, routine mowing.
2018	Sediment removal, trash rack cleanout, routine mowing.

Notes: A study was completed to retrofit this basin but the City's stormwater consultant recommended against it in 2010.

2. Lowes Distribution Center

Year Built: 2005

Watershed: Fuller Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford (structural),
Lowes (mowing)

Location: SE Springfield Ave & Montague Rd.



Maintenance Activities by Year:

Year	Maintenance
2012	Routine Mowing
2013	Routine Mowing
2014	Routine Mowing
2015	Routine Mowing
2016	Routine Mowing
2017	Routine Mowing
2018	Routine Mowing

Notes: This detention basin was built in 2006 with a multi-stage outlet structure. Since the basin was recently built and mowing has been performed regularly, maintenance on the basin itself has been minimal.

3. Greater Rockford Industrial Park

Year Built: 1984

Watershed: Southeast

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: 1052 Research Parkway



Maintenance Activities by Year:

Year	Maintenance
2012	Routine Mowing
2013	Routine Mowing
2014	Routine Mowing
2015	Routine Mowing
2016	Routine Mowing
2017	Routine Mowing
2018	Routine Mowing

Notes: This is a wet detention basin. The City continues to look into expanding this basin and clearing trees and brush that has overtaken its perimeter.

4. Elliot Golf Course Regional Detention Facility

Year Built: 1968

Watershed: Manning Creek

Owners: Rockford Park District

Maintenance Responsibility: City of Rockford (structural),
Rockford Park District (weekly)

Location: 888 South Lyford Road



Maintenance Activities by Year:

Year	Maintenance
2008	Routine Mowing, Basin dredged, reshaped, sediment basin constructed
2009	Routine Mowing
2010	Routine Mowing
2011	Routine Mowing
2012	Routine Mowing, minor erosion repaired and reseeded
2013	Routine Mowing
2014	Routine Mowing
2015	Routine Mowing
2016	Routine Mowing, debris removal
2017	Woody debris removal, pipe repair, erosion repair and stabilization
2018	Routine Mowing

Notes: This is a wet detention basin. In 2009, the basin was dredged, re-graded and a sediment basin was constructed to make it a regional facility. In 2017, erosion was repaired and stabilized.

5. Logistics Park Detention Basin

Year Built: 2005

Watershed: Airport East

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: 1650 Blackhawk Road



Maintenance Activities by Year:

Year	Maintenance
2009	Detention Basin Constructed
2010	None
2011	None
2012	None
2013	Construction began to complete basin design with local contractor
2014	Basin construction completed. Additional designs underway for retrofit
2015	Dry wells installed for better drainage, Routine Mowing
2016	Routine Mowing
2017	Routine Mowing
2018	Routine Mowing

Notes: The City became aware this basin was not completed properly in 2012. An agreement was entered with a local contractor to complete the project, which was done in 2014.

6. New Towne and Javelin Drive Detention Basin

Year Built: 1997

Watershed: Keith Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: NW New Towne and Javelin Drives



Maintenance Activities by Year:

Year	Maintenance items
2014	Removed 37.66 tons of sediment from concrete channel and reseeded and routine mowing
2015	Routine Mowing
2016	Removal of 1 ton of sediment and added riprap to prevent erosion. Routine Mowing
2017	Routine Mowing
2018	Routine Mowing

Notes: The City became aware this basin was their maintenance responsibility in 2014. After inspecting the basin, the City removed sediment accumulated in the concrete channel and reseeded the disturbed areas.

7. Linden Pointe Detention Basin

Year Built: 2007

Watershed: Airport East

Owners: Rockford Park District

Maintenance Responsibility: City of Rockford (structural)
Rockford Park District (routine maintenance)

Location: Scarlet Oak Drive and Bypass 20



Maintenance Activities by Year:

Year	Maintenance items
2012	Routine Mowing
2013	Routine Mowing & tree removal
2014	Routine Mowing
2015	Routine Mowing & tree removal
2016	Routine Mowing & repairs to berm.
2017	Routine Mowing
2018	Routine Mowing

Notes: In 2016, the south and southwest berms of the basin were removed and replaced. Ditch cleaning and repairs were completed from the outlet west through several properties.

8. Harmon Park Regional Detention Basin

Year Built: 2016

Watershed: Buckbee

Owners: Rockford Park District

Maintenance Responsibility: Rockford Park District, City of Rockford maintains structures.

Location: Executive 1924 East Gate Parkway



Maintenance Activities by Year:

Year	Maintenance items
2016	Regional basin was built.
2017	Routine Mowing
2018	Routine Mowing

Notes: See Appendix E for the history of the basin and the Harmon Park Drainage efforts.

9. Executive Parkway Detention Basin

Year Built: 1980

Watershed: Keith Creek

Owners: City of Rockford

Maintenance Responsibility: Mulford Village Office Park Owners Association

Location: Executive Parkway east of Mulford Road



Maintenance Activities by Year:

Year	Maintenance items
2013	Inspection indicated no immediate maintenance is needed.
2015	Inspection indicated no immediate maintenance is needed.
2016	Inspection indicated no immediate maintenance is needed.
2017	Association contacted to complete maintenance
2018	Routine Mowing

Notes: No maintenance requirements

10. Fire Station #3 Detention Basin

Year Built: 2015

Watershed: South Main

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: 802 Marchesano Dr.



Maintenance Activities by Year:

Year	Maintenance items
2015	Detention basin was built.
2016	Routine mowing
2017	Routine Mowing
2018	Routine Mowing

Notes: No maintenance requirements

11. Police Station #1 Detention Basin

Year Built: 2016

Watershed: Kent Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: 227 Avon St.



Maintenance Activities by Year:

Year	Maintenance items
2016	Basin Built in 2016
2017	Routine Mowing
2018	Routine Mowing

Notes: No maintenance requirements

12. Airport & Assembly Dr. Detention Basin

Year Built: 2016

Watershed: Buckbee

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: 1004 39th Ave.



Maintenance Activities by Year:

Year	Maintenance items
2016	Basin was built in 2016
2017	Routine Mowing
2018	Routine Mowing

Notes: No maintenance requirements

13. District 3 Police Station

Year Built:

Watershed: Keith Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: 557 S. New Towne Dr.



Maintenance Activities by Year:

Year	Maintenance items
2015	Routine Mowing
2016	Routine Mowing
2017	Trees cleared from basin & Routine Mowing
2018	Routine Mowing

Notes: City took over ownership of the post office property in 2014 and became aware that this area was a basin in January 2017. Until then it was treated as part of the overall property to be mowed. The basin is scheduled to be cleared in early 2017.

Dams, Levees & Drainageways

1. Alpine Dam (Per the City of Rockford’s MS4 permit this a one of the City’s floatable locations)

Year Built: 1942

Watershed: Keith Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford & Rockford Park District

Location: 623 N. Alpine Road (Aldeen Park)



Maintenance Activities by Year:

Year	Maintenance items
2012	Mowing of the embankments and removal of 70 tons of accumulated silt, debris, and floatables.
2013	Mowing of the embankments and removal of approximately 15 tons of accumulated silt, debris, and floatables from the trash rack. Erosion control work was also completed on the embankments where citizens walk up and down the slope.
2014	Replacement of handrails, mowing of the embankments and removal of approximately 38 tons of accumulated silt, debris, and floatables from the trash rack and spillway.
2015	Removal of approximately 17 tons of sediment and debris, mowing of embankments. Reseeded bottom of the basin with a native prairie mix.
2016	Routine Mowing & removal of approximately 11.5 ton of sediment & debris. New trash racks were also installed.
2017	Removal of approximately 3 ton of debris from the trash rack and routine mowing.
2018	Removal of approximately 6 ton of debris from the trash rack and routine mowing.

Notes: In 2018, the City of Rockford entered into an agreement with HNTB Corporation to update plans and specifications to rehabilitate the dam. The City hopes to fund the repair in 2020.

2. Page Park Dam

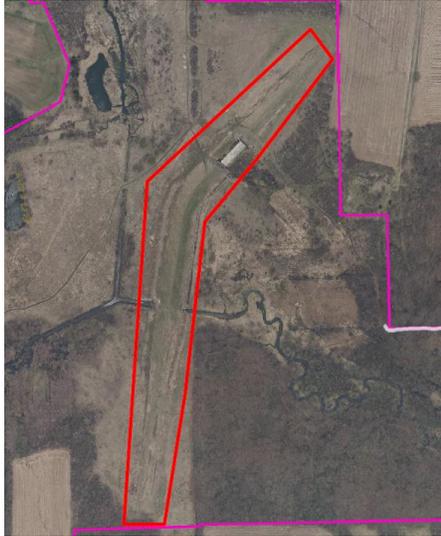
Year Built: 1980

Watershed: North Kent Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford &
Rockford Park District

Location: Porter Road (Page Park)



Maintenance Activities by Year:

Year	Maintenance items
2012	Beaver dam removal. Minimal mowing took place due to wet conditions.
2013	Routine mowing, replacement of marker posts, brush cutting and spraying, removal of debris from trash rack and removal of several beaver dams.
2014	Routine mowing, brush cutting and spraying, removal of debris from trash rack and removal of several beaver dams. The City installed a depth gauge at this dam.
2015	Routine mowing, tree and brush removal at the toe.
2016	Routine Mowing, removal of approximately 5 ton of sediment.
2017	Routine Mowing.
2018	Routine Mowing

Notes: This dam is inspected annually by the US Army Corps of Engineers as well as the City of Rockford per IDNR requirements. Late March 2016, when staff was checking on garbage removal, they noticed water behind the dam. Water was above both trash racks and the transducer. There had been no significant rain that would have caused this type of flooding. A contractor was called in and immediately started efforts to pump and clear the debris that was partially blocking the outflow pipe. After water receded, staff inspected the area from the dam west to Meridian Rd and found a few springs that had surfaced. The official cause of the flooding was not able to be determined.

3. Levings Lake Dam

Year Built: 1935

Watershed: South Kent Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford & Rockford Park District

Location: South Pierpont Avenue (Levings Lake Park)



Maintenance Activities by Year:

Year	Maintenance items
2012	Routine mowing of the embankments.
2013	Routine mowing of the embankments, repairing the cable buoys and filling and reseeding washouts along the dam structure.
2014	Routine mowing of the embankments. The City installed a depth gauge.
2015	Routine mowing, tree and brush removal at the toe
2016	Routine mowing, tree and brush removal at the toe. Silt removal at the inlet of the lake
2017	Routine Mowing
2018	Routine Mowing

Notes: This dam is inspected annually by the US Army Corps of Engineers as well as the City of Rockford per IDNR requirements.

4. South Diversion Channel & Levee

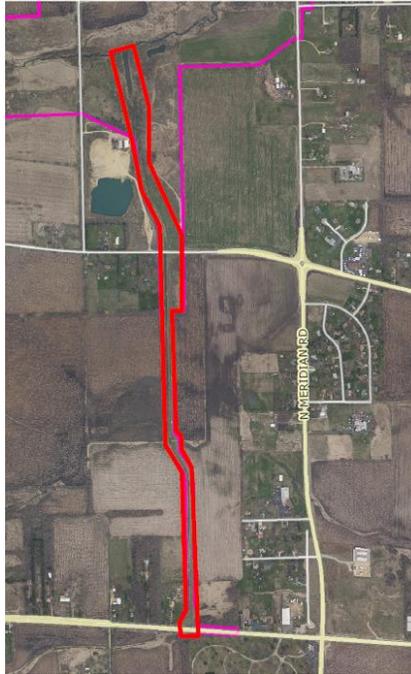
Year Built: 1981

Watershed: North Kent Creek

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: West of Meridian Road along West State Street proceeding north to quarry north of Auburn Street.



Maintenance Activities by Year:

Year	Maintenance items
2013	Repaired the end section of a structure and utilized inmates from the Winnebago County jail for tree and brush removal and filling of animal burrows.
2014	Routine mowing & repair of erosion. Continued tree and brush clearing of the thalweg.
2015	Routine mowing. Survey of the channel
2016	Routine Mowing, sediment removal in the bottom of the channel and drop structure & tree & brush removal at specified areas.
2017	Routine Mowing.
2018	Routine Mowing, repairs to eroding channel at the Auburn St. bridge.

Notes: This structure is inspected annually by the US Army Corps of Engineers. In 2016, channel improvements were completed that included tree removal along the levee on West State Street, various tree removal within the channel and at the drop structure. Silt was removed from the bottom and sides of the channel from Auburn St to just north of the drop structure, including removal of the silt in the drop structure. Erosion repairs were completed at various locations along the channel.

5. Logistics Park Drainageway

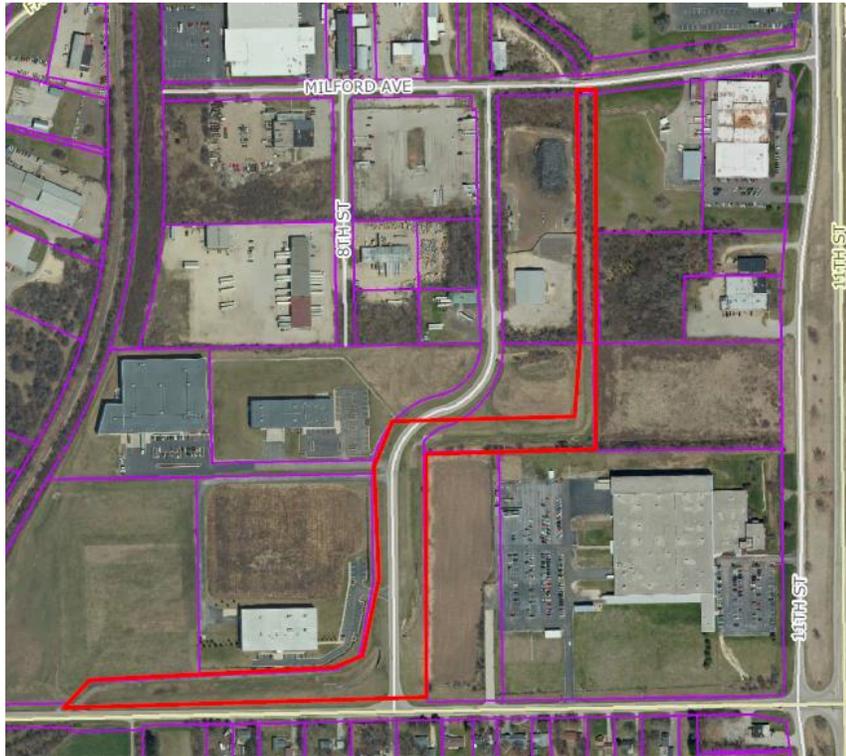
Year Built:

Watershed: Airport East

Owners: City of Rockford

Maintenance Responsibility: City of Rockford

Location: Blackhawk Road proceeding North on Logistics Parkway



Maintenance Activities by Year:

Year	Maintenance items
2013	Routine mowing.
2014	Removal of trees and brush in the drainage way and routine mowing.
2015	Routine mowing, tree and brush removal. Erosion repair.
2016	Routine mowing and tree removal along the slopes.
2017	Routine Mowing & trees removal just south of Milford Road.
2018	Routine Mowing

Notes: No maintenance requirements

APPENDIX D
(MULTI-YEAR FLOOD CONTROL PROJECTS)

Keith Creek Mitigation – Keith Creek Watershed

In September 2006, August 2007, and June 2008, portions of the City of Rockford, Illinois were devastated by severe flooding. Our community had over 900 homeowners that were affected by the recurring flooding. The City Council voted to financially assist a not-for-profit organization in the acquisition and maintenance of 130 homes that are adjacent to Keith Creek in the Churchill Park neighborhood due to the life-safety magnitude of the situation, and with the knowledge that federal funds take considerable time to secure. The economic recession and job loss has only made matters even more urgent, with Rockford having the largest job loss in the United States from January 2009 to January 2010.

These acquired homes will be part of the Keith Creek Mitigation Project, which is a large FEMA mitigation and flood control project that will widen a 25 foot creek to a 200 foot wide creek. Once the widening is completed, the remaining 200+ homes and 50+ businesses will see a drastic drop in their flood risk.

Below is a summary of the grants received for the project:

IEMA HMGP 1 & DCEO CDBG 1: The City received \$3,014,025 in federal hazard mitigation funds to purchase and demolish 34 of the 115 properties located in the floodplain. The City received \$1,004,675 from DCEO to match these federal funds. Property demolitions were completed in 2010.

IEMA HMGP 2 & DCEO CDBG 2: The City received \$2,226,740 in federal hazard mitigation funds to purchase and demolish another 38 properties. The City received \$1,913,511 from DCEO to match these federal funds. Property demolitions were completed in 2011.

DCEO CDBG “IKE” 3: The City received \$3,443,546 in DCEO funds to purchase and demolish 43 properties. Property demolitions were completed in 2013-2014.

The widening project is currently in need of funding.

Harmon Park Drainage Basin (Rolling Green) – Buckbee Watershed

Significant damage from surface water occurred in the Rolling Green Subdivision. The Harmon Park Drainage Basin is an area of 680 acres with commercial and single-family land use (see Figure 4). The basin is not tributary to Keith Creek. The area is part of the upper portion of the Southeast Drainage Basin and does not have a major drainage way passing through it.

Flooding was caused by intense rain falling on the basin that exceeded the capacity of the local drainage system. The Harmon Park Basin is located in the heart of the severe weather experienced on September 4th. The measurement of rainfall obtained nearest the area indicated a total of 8.1 inches. As the Rolling Green name implies, the area has well defined topography and the lower lying areas become the overflow when the storm sewer capacity is exceeded.

There is a history of surface water problems in the area. The Harmon Park Basin has two distinct tributary areas. Residential neighborhoods within the north section were developed between 1925 and 1950 with varying degrees of urban improvements (curb & gutter, sidewalks, etc.). The south section of the basin developed primarily between 1950 and 1974. The storm sewer system evolved as the area developed with varying levels of service. One of the contributing factors to surface water problems is that the original subdivisions did not provide for positive drainage, a route that naturally overflows when the storm sewer capacity is exceeded. Most often this is the street system. When storm sewers are full, surplus water has to find its way through yards and between houses to reach the main drainage channel.

Since 2008 the City has been acquiring properties to re-create the natural drainage way through the Rolling Green and Harmon Park neighborhoods that flows from the intersection of Alpine Road and Newburg/Broadway towards Harmon Park at Eastgate Parkway. Removal of the homes within the natural water path and the construction of the in-series detention ponds and regional detention pond in Harmon Park would help alleviate flooding problems for these neighborhoods. By allowing a path for the flood waters through a series of ponds and releasing the waters to a downstream regional detention pond would reduce flood damage, improving health and safety in the area along with improving water quality. Constructing the regional detention facility is the next phase of a 10-year flood improvement project.

- 2008 – Demolition and construction of drainage way at 1740 Colorado Avenue, 1623 Log Cabin Avenue and 1649 Log Cabin Avenue.
- 2010 – Demolition of 3533 Louisiana Road, 1822 Nebraska Road, 1827 Nebraska Road and 3522 Westgate Parkway.
- 2011 – Demolition of 2208 Colorado Avenue, 2211 Colorado Avenue, 2003 Montana Avenue and 1727 MacArthur Drive.
- 2012 – Demolition of 1620 Log Cabin Avenue, 1716 Sexton Drive and 1731 MacArthur Drive. Construction of Harmon Park 4b, drainage ways at 2003 Montana Avenue, 2208 Colorado Avenue and 2211 Colorado Avenue.
- 2013 – Demolition of 1707 Eastmoreland Avenue and 1715 Sexton Drive.
- 2014 – Demolition of 1715 Sexton Drive.
- 2015 – Continued additional construction and repair of Harmon Park 4b, drainage ways at 2003 Montana Avenue, 2208 Colorado Avenue and 2211 Colorado Avenue, as part of the Buckbee Outfall and Harmon Park Repairs project.
- 2016 – Constructed regional detention basin at Harmon Park to address neighborhood flooding.
- 2016 – Constructed new/larger inlet and reconstructed curb line and driveway apron at Firestone along Alpine Road at upper end of watershed to reduce flooding of homes on Remington Road.
- 2018 – Constructed detention ponds at 1822 & 1827 Nebraska, 3522 Westgate, and 3533 Louisiana.

APPENDIX E
(PAST YEARS FLOOD, DRAINAGE AND STREAMBANK STABILIZATION PROJECTS)

FLOOD CONTROL, DRAINAGE & STREAMBANK STABILIZATION PROJECTS PAST YEARS		
Year	Project	Description
2012	Parmele Storm Sewer	Removal of combined sewer connection
2012	Harmon Park Phase 4b Storm Sewer	Storm sewer, grassed swale, and detention basins
2012	Clover Avenue Drainage Swale	Re-grading of drainage swale
2012	Yale Drive Ditch	Madigan Creek gabion basket installation
2012	Hampton Avenue/Weaver Road	Storm sewer extension
2012	Marshall Street/Reed Avenue	Storm sewer extension
2012	Alley between Deborah Ave/N Church Street	Dry well installation
2012	Lapey Street	Curb installation
2012	Shelford Lane	Paved ditch extension
2012	Logli, Charles Street	Gabions installed on Keith Creek
2012	Cloisters Apts.	Storm sewer extension
2012	306 Palm	Storm sewer extension and structure installation
2013	Rural & Parkwood	Additional storm sewer installed
2013	Harmon Park 4B	Construction of reinforced grassed drainageway
2013	Logistics Detention Pond	Basin expansion and silt cleanout
2013	Gregory Street	Drainage improvements
2013	Citadel Drive & Samuelson Rd.	Drainage improvements
2013	Turnberry Ridge Improvements	Silt cleanout of multi-stage detention and re-establishment of the berms and drainage ditches
2013	East High School	Installed swale or drainage
2013	Pilgrim Baptist Church	Sewer & inlet installation
2013	Southeast Drainageway @ Harrison Ave.	Ditch Repair
2013	Gregory Street	Storm sewer install
2013	West State Street Reconstruction – Kilburn Ave. at Kent Creek to Sunset Ave.	As part of the street reconstruction and widening project the entire storm sewer system was removed and replaced to improve drainage
2014	Tallwood Ave.	Inserted HDPE liner to replace corroded corrugated metal pipe.
2014	Kennon Road	Flood mitigation: Reconstructed road, added storm sewer, and drywell to better control run-off.
2014	Harrison Ditch	Replaced failed concrete ditch
2014	Junction Road Ditch Repair	Stabilized failed drainage ditch
2014	1741 South Trainer Road	Flood mitigation: installed inlets and storm sewer at 1741 Trainer Road to better control significant rain events.

2014	Pierpont Ave. Box Culvert Cleaning	Cleaned sediment from box culvert to improve functionality of drainage system.
2014	Deer Path Shoulder	Shoulder Stabilization: Added rip rap to shoulder to better control erosion.
2014	Wesleyan Ditch	Temporary stabilization: Installed rip rap in areas where concrete ditch has failed.
2015	Buckbee Drainage Repairs	Stabilization of eroding concrete channel in several locations.
2015	Bridge over Kent Creek on Cedar Street	Stabilization of erosion occurring around the bridge.
2015	Montedera Drainage Improvement	Stabilization of eroding drainageway.
2015	Buckbee Creek Outfall	Stabilization where creek enters Rock River
2015	5 th Street Wall Repair	Repair of collapsed creek wall
2015	Harmon Park 4b	Repair of eroding drainageway
2015	Wesleyan Ditch (several locations)	Temporary concrete channel stabilization
2015	Wesleyan Ditch, East of Ohio Parkway	Permanent concrete channel repairs
2016	Kent Creek South Diversion Channel Improvements	Re-grading of the diversion channel and tree removal.
2016	Wesleyan Ditch near 24 th St.	Concrete channel repairs
2016	E. State St. & Fairview Ave.	Streambank stabilization
2016	Keith Creek at Schnucks Cleanout	Removal of sediment from creek channel
2016	New Towne Dr. Keith Creek Cleanout	Removal of sediment from creek channel
2016	South Alpine Road Bank Stabilization	Stabilization of South Branch of Keith Creek along S. Alpine Rd.
2017	Keith Creek (5 th – 7 th St.)	Removal of trees & sediment.
2017	New England & Mayflower	Re-grading of ditch
2017	Tatum Road Ditch Repair	Drainageway cleanout and stabilization
2017	Alpine & Sandy Hollow Ditch repair	Removal of sediment
2017	Charles Street Wall Repair	Temporary repair of failed wall along Keith Creek
2017	5500 Newburg Rd.	Drainageway cleanout and stabilization
2017	Schnucks Creek Stabilization	Stabilization of eroding streambank on Keith Creek
2017	Milford Road Culvert Cleanout	Removal of trees along drainageway & sediment at the culvert.
2017	Ed Vera Stormsewer Upgrade	Installation of larger stormsewer due to continuous flooding.

2017	Imperial Oaks cleanout	Removal of sediment from culvert along Spring Creek and streambank stabilization.
2017	Sandy Hollow & Kishwaukee wall repair	Repair of wall along Buckbee Creek where it had washout out behind it.
2017	Alta Vista & Bradley Rd. Bank Stabilization	Sediment removal at culvert and streambank stabilization along Spring Creek.
2017	Horace over S. Kent Creek	Sediment removal & bank stabilization

APPENDIX F
(IEPA PERMITTING UPDATES, PLAN REVIEWS AND INSPECTION FREQUENCIES)

2018 IEPA MONTHLY PERMITTING SUBMITTALS

<u>Date</u>	<u>Source reviewed (i.e. IEPA website, local IEPA Office etc.)</u>	<u>Permits added since last Review</u>	<u>Is the Permit within City of Rockford Limits?</u>	<u>Submitted to City for Approval? / Date Received/approved</u>
1/2/18	IEPA Website (Construction & Industrial)	No New Permits		
2/5/18	IEPA Website (Construction & Industrial)	Rockford Christian School	Yes	Yes/3/2/18
		Strathmoor Extension Clearing	Yes	Yes/1/29/2018
		Walker Elementary School	Yes	Yes/1/25/2018
3/5/18	IEPA Website (Construction & Industrial)	New Milford School	Yes	Project not active, no permitting submitted to City
		Jaguar Land Rover Dealership	Yes	Yes/3/1/18
4/2/18	IEPA Website (Construction & Industrial)	AC Thompson Elementary	Yes	Project not active, no permitting submitted to City
		Swedish American Riverwest Clinic	Yes	Yes/3/19/18
5/7/18	IEPA Website (Construction & Industrial)	Guilford Crossing	Yes	No, Stop work order posted on 4/23/18, SWPPP submitted and approved on 5/3/18
		Construct NW Cargo Apron Expansion	Yes	Yes / 6/29/18
		Casey's General Store	Yes	Yes/5/14/18
		Area Salvage & Recycling (Industrial)	Yes	Yes, Inspection was completed in 2017 requiring permit submittal. Site is in compliance
6/4/18	IEPA Website (Construction & Industrial)	Riverside BLVD Parking lot Improvements	Yes	Yes/ 3/1/18 - Permit not needed because it is maintenance

		Cincinnati Tool & Steel Co. (Industrial)	Yes	Yes, Permit was required following City Inspection completed on 2/14/18, site is in compliance
7/2/18	IEPA Website (Construction & Industrial)	Pack Stack and Store	No	NA
		Eckberg_Pine Manor Park	Yes	Yes - 7/4/18
		Prelim. Grading Plans for Guilford Crossing	Yes	Site has another permit that was reviewed on 5/3/18
8/7/18	IEPA Website (Construction & Industrial)	Swedish American Edgewater Medical Clinic	Yes	Yes/9/28/18
		New Industrial Building Linden Road Property.	Yes	Project not active, no permitting submitted to City
		Warehouse Expansion (Specialty Screw)	Yes	Yes/8/1/18
		NW Cargo Building Expansion	Yes	Yes/ 9/19/18
9/4/18	IEPA Website (Construction & Industrial)	No New Permits		
10/1/18	IEPA Website (Construction & Industrial)	No New Permits		
11/5/18	IEPA Website (Construction & Industrial)	Proposed Improvements for PMI Aerospace	Yes	Yes-10/23/18
		Israel of God's Church	Yes	Yes - 8/01/18
		Rock City AutoParts (Industrial)	Yes	Yes, Submitted following City of Rockford inspection
12/3/18	IEPA Website (Construction & Industrial)	No New Permits		

2018 EROSION CONTROL PLAN REVIEWS

<u>Date</u>	<u>NPDES Permit # If applicable</u>	<u>Facility Name</u>	<u>Facility Owner</u>	<u>Facility Location</u>	<u>Is Site Adjacent to Environmentally Sensitive Area?</u>	<u>Construction Start Date on Permit application</u>	<u>SWPPP available for review yes/no</u>	<u>Notes</u>
1/25/17	Z694	Walker School	RPS 205	1520 Post Ave.	No	3/1/18	Yes	Needs Non-stormwater discharges included in the SWPPP. Permit has not been applied for with IEPA. 1/30/17 - SWPPP approved. NOI still not submitted.
1/29/18	Z688	Strathmoor Extension Clearing	City of Rockford	621 Roxbury Rd.	No	3/1/18	Yes	SWPPP written in-house and approved.
3/1/18	AD20	OrthoIllinois Parking Lot replacement	OrthoIllinois	5875 Riverside Blvd.	No	7/1/18	NA	Parking lot is being replaced. Though over an acre, IEPA considers this maintenance and a permit is not required.
3/1/18	Z805	Jaguar/Land Rover Dealership	Napeltons of Rockford	6677 Riverside Blvd.	No	4/1/18	Yes	SWPPP and ESC plans approved. We do recommend placing silt fence on the south side of the existing basin to keep sediment from entering overland.
3/2/18	Z638	Rockford Christian	Rockford Christian Schools	1401 Bell School Rd.	No	3/1/18	Yes	SWPPP and ESC plans approved.
3/19/18	AA03	SA/UW Riverwest Clinic	Swedish American	815 Marchesano Dr.	No	3/1/18	Yes	SWPPP and ESC plans have been approved however; no IEPA Construction Permit has been submitted. Permit submitted

<u>Date</u>	<u>NPDES Permit # If applicable</u>	<u>Facility Name</u>	<u>Facility Owner</u>	<u>Facility Location</u>	<u>Is Site Adjacent to Environmental y Sensitive Area?</u>	<u>Construction Start Date on Permit application</u>	<u>SWPPP available for review yes/no</u>	<u>Notes</u>
3/19/18	NA	Stowmarket Paving Improvements	William Charles Real Estate	2775 Stowmarket	No	4/1/18	NA	Because they are only removing the pavement and disturbing less than one acre of the base material IEPA considers this maintenance and not a construction project. Therefore, no IEPA permitting is required.
3/28/18	Z189	Swedish American Downtown Campus	Swedish American Health Systems	1401 E. State St.	No	Updated ESC plan submitted for Existing permit	Yes, Previously Approved	This was a previously approved (10/4/17) SWPPP and ESC plan. Revised ESC plan submitted and approved.
4/6/18	Y965	Clock Tower Demolition	815 Beltway Holdings, LLC	7801 E. State St.	No	4/9/18	Yes	Include Non-Stormwater Discharges, Update contractor info on NOI, and properly size Stab. Ent. Sweep street as needed.
4/9/18	NA	5958 Columbia Pky, Paving Improvements	Collier RV	5958 Columbia Parkway	No		NA	Site less than 1 acre so no SWPPP review is required. Monitor trackout during removal of sod.
4/20/18	NA	Meiborg Trucking paving improvements	Meiborg Trucking	3814 11th St.	No		NA	No IEPA permit needed. Projects is paving improvements. No comments
4/20/18	NA	Wobels Grocery paving Improvements	Minesh Patel	529 W. Jefferson	No	5/10/18	NA	No IEPA permit needed. Projects is paving improvements. No comments
4/25/18	NA	2922 N. Main Paving Improvements	Dominos Pizza	2922 N. Main St.	No		NA	No IEPA permit needed. Projects is paving improvements. No comments

<u>Date</u>	<u>NPDES Permit # If applicable</u>	<u>Facility Name</u>	<u>Facility Owner</u>	<u>Facility Location</u>	<u>Is Site Adjacent to Environmental y Sensitive Area?</u>	<u>Construction Start Date on Permit application</u>	<u>SWPPP available for review yes/no</u>	<u>Notes</u>
4/25/18	NA	2902 McFarland Rd. Paving Improvements	Prairie Oak Properties	2902 McFarland Rd.	No		NA	No IEPA permit needed. Projects is paving improvements. Place ESC measures at the NW corner of the property to control parking lot runoff.
4/27/18	NA	4670 Paving Improvements	Mega Express Inc.	4760 American Rd.	No	4/30/18	NA	No IEPA permit needed. Projects is paving improvements. Place Silt Fence along north boundary, 8/1/18 - Silt fence added.
4/27/18	NA	4950 Safford Rd. Cold Storage Building	Teslow Garages	4950 Safford Rd.	No		NA	No IEPA permit needed. Area of disturbance is less than 1 ac. Do not allow ant fill to be placed in the designated floodplain area.
4/27/18	NA	Blackhawk Bank Pavement improvements	Blackhawk Bank	3101-11th St.	No	5/15/18	NA	No IEPA permit needed. Projects is paving improvements. No comments
5/3/18	AA36/AE66	Guilford	Peace Residential	4747 Guilford Rd.	No	10/17/18	Yes	Approval for grading & tree removal
5/11/18	NA	Smokey Bones Bar & Grill	Barbeque Integrated, Inc.	6690 E. State St.	No	5/21/18	NA	No IEPA permit needed. Install stabilized entrance once pavement is removed. No other comments. 6/4/18 - Items addressed.
5/14/18	AC50	Casey's General Store	Casey's Retail Co.	5965 Columbia Pky.	No	7/1/18	Yes	IEPA permit has not been applied for. Add Non-stormwater Discharges to SWPPP. Remove reference to City of Bellevue under stockpile controls, 10/09/18 - all items addressed.

<u>Date</u>	<u>NPDES Permit # If applicable</u>	<u>Facility Name</u>	<u>Facility Owner</u>	<u>Facility Location</u>	<u>Is Site Adjacent to Environmentally Sensitive Area?</u>	<u>Construction Start Date on Permit application</u>	<u>SWPPP available for review yes/no</u>	<u>Notes</u>
5/31/18	NA	Aldeen Park Pavement Improvements	Rockford Park District	623 N. Alpine Rd.	No	At Permit approval	NA	IEPA permit not required. No Comments
5/31/18	NA	Sports Core 1 Pavement Improvements	Rockford Park District	4751 Hiawatha	Yes/Floodplain	At Permit approval	NA	Do not change existing grades. IEPA permitting not required. No other comments
5/31/18	NA	Brown Park Pavement Improvements	Rockford Park District	2010 N. Main St.	No	At Permit approval	NA	IEPA permit not required. No Comments
5/31/18	NA	Blackhawk Park Pavement Improvements	Rockford Park District	101 - 15th St.	Yes/Floodplain	At Permit approval	NA	Do not change existing grades in floodplain area. IEPA permitting not required. No other comments
5/31/18	NA	Pavement Improvements	Walmart Stores	7151 Walton	No	At Permit approval	NA	No IEPA permit needed. Projects is paving improvements. No comments
6/6/18	NA	Mail Package Receiving Area	Isa Barivic	2535 Halsted	No	At Permit approval	NA	Building of Small Structure onto existing structure. No SWPPP required, No Comments
6/6/18	NA	Parking Lot Improvements	Rockford United General Baptist	3126 Marshall St.	No	At Permit approval	NA	No IEPA permit required. No Comments
6/7/18	NA	Parking Lot Improvements	Saint Mary's Church	517 Elm St.	No	At Permit approval	NA	No IEPA permit required. No Comments
6/7/18	NA	Parking Lot Improvements	Rockford Park District	11xx Pierpont Ave. (Levings Lake)	No	At Permit approval	NA	No IEPA permit required. No Comments
7/5/18	AE74	Ekberg Manor Park	Rockford Park District	3750 Balsam Lane	No	At Permit approval	Yes	Site is an IEPA remediation project. No comments on SWPPP.

<u>Date</u>	<u>NPDES Permit # If applicable</u>	<u>Facility Name</u>	<u>Facility Owner</u>	<u>Facility Location</u>	<u>Is Site Adjacent to Environmental y Sensitive Area?</u>	<u>Construction Start Date on Permit application</u>	<u>SWPPP available for review yes/no</u>	<u>Notes</u>
7/5/18	V023	Rockford Ziock	Gorman	416 S. Main	No	Previously approved	Yes	Previously approved project. Review of plan changes didn't affect the SWPPP.
7/17/18	NA	Pavement Improvements	TMI Calibration	3240 Forest View Rd.	No	At Permit approval	Na	No IEPA permit is required. No Additional Comments.
7/18/18	NA	Pavement Improvements	RPS 205	1421 W. State St.	No	At Permit approval	NA	No IEPA permit required. No additional comments
7/18/18	NA	Building addition	Rockford Ball & Screw	940 Southrock Dr.	No	At Permit approval	NA	No IEPA permit required. No additional Comments
8/1/18	NA	Parking Lot Maintenance	Northern Illinois Food Bank	4450 Kishwaukee St.	No	At Permit approval	NA	Parking lot maintenance. No IEPA permitting required.
8/1/18	AG61	Building Addition	Specialty Screw	2801 Huffman Blvd.	No	At Permit approval	Yes	Need SWPPP for review/ 8/30/18 - SWPPP reviewed and approved. 9/28/18 - Paving improvements added to permit. No comments
8/1/18	NA	Library Demo	Rockford Public Library	215 N. Main St.	Yes/Rock River	At Permit approval	NA	Site less than an acre so no IEPA permit required. Property is along Rock River but demolition is over 100 feet from the river.
8/1/18	AK35	Isreal of God's Church	Israel of God's Church	916 Harding St.	No	TBD	Yes	No IEPA permitting submitted, need non-stormwater discharges, referencing old permitting requirements. 9/13/18 - SWPPP Items addressed.
8/21/18	NA	Building Addition	Maintain Your Smile	1110 S. Mulford Rd.	No	At Permit approval	NA	No IEPA Permit Required. No Comments
9/11/18	NA	Paving Improvements	Bill Wynkoop	7120 Colosseum Dr.	No	At Permit approval	Na	No IEPA Permit required. No Comments

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9/11/18	NA	Paving Improvements	UEP Investments	123 N. Firth St.	No	At Permit approval	NA	No IEPA Permit required. No Comments
9/18/18	NA	Paving Improvements	Schnuck Markets, Inc.	2624 Charles St.	No	At Permit approval	NA	No IEPA permit Required, floodplain permit application approved. No other comments.
9/19/18	NA	Pavement Improvements	Accurate Machine Services	3237 Pyramid Dr.	No	9/24/18	NA	No IEPA Permit Required. No Comments
9/19/18	AH04	Building Expansion	Rockford Airport	5824 Kishwaukee Rd.	No	At Permit Approval	Yes	IEPA permit approved. No comments on SWPPP
9/28/18	AF61	Swedish American Edgewater Clinic	Swedish American Hospital	2909 N. Main St.	No	TBD	Yes	IEPA permit approved, recommend perimeter protection along N. Main St., Old ILR10 permit is in SWPPP. 10/23/18 - all items addressed
9/28/18	NA	Paving Improvements	Kelley Williamson	550 Southrock Dr.	No	At Permit approval	NA	No IEPA Permit required. No Comments
9/28/18	NA	Paving Improvements	The Caldwell Group	4080 Logistics Pky.	No	At Permit approval	NA	No IEPA Permit required. No Comments
9/28/18	NA	Paving Improvements	Physicians Immediate Care	3475 S. Alpine Rd.	No	At Permit approval	NA	No IEPA Permit required. No Comments
10/10/18	NA	Paving Improvements	Mohammed Grocery Store	3001 W. State St.	No	At Permit Approval	NA	No IEPA Permit required. No Comments
10/10/18	NA	Paving Improvements	Lincoln Rental	3018 Auburn St.	No	At Permit Approval	NA	No IEPA Permit required. No Comments
10/10/18	NA	Nicor - AGL Storage Shed	Nicor	4651 Linden Road	No	At Permit Approval	NA	No IEPA Permit required. No Comments

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10/23/18	NA	Building addition	PCI Pharma Sales	4635 Assembly Dr.	No	At Permit approval	NA	No IEPA permit required. Include ESC measures in plans
10/23/18	AK62	Building Addition	PMI Aerospace	2801 East Rock Dr.	No	At Permit approval	Yes	Area of disturbance appears to be over an acre. Submit for IEPA permitting and provide the City a SWPPP for review. 11/1/18 - SWPPP submitted and approved.
10/23/18	NA	Pavement Improvements	UTC Aerospace	4747 Harrison Ave.	No	At Permit approval	NA	No IEPA Permit required. No Comments
11/2/18	NA	Pavement Improvements	Lincoln Rent-all	6625 E. Riverside Blvd.	No	At Permit approval	NA	No IEPA Permit required. No Comments
11/2/18	NA	Pavement Improvements	Adel thabet	607 W. State St.	No	At Permit approval	NA	No IEPA Permit required. No Comments
11/2/18	NA	Building Addition	Peterson Meadows	6401 Newburg Rd.	No	At Permit approval	NA	No IEPA Permit required. No Comments
11/7/18	NA	Pavement Improvements	Walmart Stores	7219 Walton Dr.	No	At Permit approval	NA	No IEPA permit required, No comments

Summary of Sediment and Erosion Control Plan Reviews						
<u>Reporting Period</u>	<u># New IEPA Permits (per website)</u>	<u># SWPPP's/ESC Plans Reviewed by City</u>		<u>% IEPA New IEPA Permits Reviewed by City</u>	<u># SWPPP's & ESC plans Requiring Revisions</u>	<u>% Revised Per City Specifications</u>
		<u>New IEPA Permitted Site</u>	<u>IEPA Permitting Not required</u>			
01/1/15 – 06/30/15	14	14	4	100%	12	100%
07/01/15-12/31/15	15	16	6	92%	7	100%
01/01/16-06/30/16	19	15	6	89%	6	100%
01/01/16-12/31/16	28	22	9	89%	9	100%
01/01/17-12/31/17	20*	19	4	95%	6	100%
01/01/18-12/31/18	18	15*	41	83%	7	100%

*Three projects have not submitted for City of Rockford Permitting. None of those projects has begun construction.

APPENDIX G
(EROSION AND SEDIMENT CONTROL INSPECTIONS)

<u>Date</u>	<u>Construction Site</u>	<u>Site Address</u>	<u>Complaint Driven?</u>	<u>Pre-Const. Insp.</u>	<u>Drive Thru Insp.</u>	<u>Full ESC Insp.</u>	<u>First Site Inspection?</u>	<u>NPDES Permit # ILR10</u>	<u>Follow-up needed</u>	<u>Date of Follow-up (if needed)</u>	<u>Corrective Actions Addressed</u>	<u>Submit to Code Enforcement</u>	<u>Notes</u>
5/22/18	Swedish American Riverwest Clinic	815 Marchesano Drive				X	Yes	AA03	No	NA	No	No	Silt fence is installed. Currently grading the site. Will install construction exit after utility issue is fixed. Trackout issue
6/5/18	Swedish American Riverwest Clinic	815 Marchesano Drive				X	No	AA03	No	NA	No	No	Site looks good. Construction exit is installed. Working on the footings of the building.
6/11/18	Swedish American Riverwest Clinic	815 Marchesano Drive			X		No	AA03	No	NA	No	No	Rain had washed rock from the construction entrance onto Marchesano Dr. The site superintendent was made aware of the issue and had the street swept and entrance repaired by the end of the day.
6/29/18	Swedish American Riverwest Clinic	815 Marchesano Drive			X		No	AA03	No	NA	No	No	Site looks good, no issues.
7/23/18	Swedish American Riverwest Clinic	815 Marchesano Drive				X	No	AA03	No	NA	No	No	Everything on site looks good.
4/23/18	Guilford Crossing	4760 Murphy Woods Rd.			X		Yes/ 4/23/18	AA36, submitted on 4/3/18	Yes	4/2/4/18	Yes	Stop Work Order Posted	Tree clearing and hauling of fill material taking place. Site does not have City or IEPA permitting. A stop work order has been posted. Other than installing ESC measures, no other work can take place. 4.24.18 - Stab. Ent and silt fence installed but rock check dams are needed. Permitting has been submitted to City and IEPA for review. No work is taking place.

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10/22/18	Guilford Crossing	4760 Murphy Woods Rd.				X	No	AE66	Yes	11/05/18	Yes	No	S.F. installed on North side of site but additional S.F. needed on East, South, and West sides of site. I.P. needed along Navard Blvd. and Murphy Woods Dr.
11/2/18	Guilford Crossing	4760 Murphy Woods Rd.			X		No	AE66	Yes	11/09/18	Yes	No	No erosion control BMPs installed yet. No SWPPP mailbox installed.
11/16/18	Guilford Crossing	4760 Murphy Woods Rd.				X	No	AE66	Yes				No SWPPP onsite, trackout-taking place, reinstall perimeter S.F. and inlet protection, sweep street.
11/20/18	Guilford Crossing	4760 Murphy Woods Rd.			X		No	AE66	Yes	11/21/18	Yes	No	No SWPPP onsite. Track out has been cleaned up and the rest of the site looks good.
11/21/18	Guilford Crossing	4760 Murphy Woods Rd.			X		No	AE66	No	NA	No	No	SWPPP mailbox installed w/recent inspections in SWPPP folder. I.P. wattles in place where needed. Trackout has been swept up.
7/24/18	Ekberg Pine Manor Remediation Site	3750 Balsam Ln.				X	Yes	AE74	No	NA	NA	No	Vertical construction completed on building. S.F. installed around site where needed. Landscaping & stabilization of site taking place in 2 weeks.
8/30/18	Ekberg Pine Manor Remediation Site	3750 Balsam Ln.			X		No	AE74	No	NA	NA	No	S.F. was good on site. Site needs stabilization. Superintendent will be installing seed and E.C.B. next week. Check back after that.
10/31/18	Ekberg Pine Manor Remediation Site	3750 Balsam Ln.			X		No	AE74	No	NA	NA	No	Site has been stabilized. S.F. still up throughout site.

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10/24/18	Swedish American	2909 N. Main St.		X			Yes	AF61	No	NA	No	No	All BMPs are in place at the time. This site will continue to stay active through the winter.
11/29/18	Swedish American Edgewater Medical Center	2909 N. Main St.				X	No	AF61	No	NA	NA	No	Site looks good. Some storm sewer has been installed on site. SWPPP mailbox was knocked over but Kyle has the copies of the inspections.
6/11/18	Swedish American Demo	2909 N. Main St.	Yes/6/11/18			X	Yes	AF61	Yes	06/21/18	Yes	No	Complaint from alderman about condition site demo was left in. Site did not get an IEPA permit as required. Site has a stop work order until proper permitting from IEPA and the City is received. Entire demo is completed. Site needs to be stabilized, particularly three stockpiles. The rest is gravel. Culvert needs cleaning.
9/14/18	Specialty Screw Corp.	2801 Huffman Blvd.		X			Yes	AG61	No	NA	NA	No	Construction has started. All BMPs are installed. Currently working on the infiltration pond.
10/24/18	Specialty Screw Corp.	2801 Huffman Blvd.				X	No	AG61	No	NA	NA	No	S.F. on site looks good. Fabric I.P. in above grade parking lot inlets. Basin stabilized w/E.C.B. and seed. Basin outlet control in place. Stockpiles on site need stabilization.
11/29/18	Specialty Screw Corp.	2801 Huffman Blvd.				X	No	AG61	No	NA	NA	No	Fabric I.P. in parking lot inlet. S.F. good throughout site. Stockpile on NE corner of site has not been stabilized.

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10/24/18	NW Cargo Building Expansion	5824 Kishwaukee Rd.		X			Yes	AH04	Yes	11/07/18	Yes	No	Site is currently being graded, most storm sewer installed. I.P. needed as well as wattles in front of inlet pipes. Rip rap needed in front of outlet pipe FES. Site superintendent has been contacted about issues.
11/20/18	Israel of God Church	916 Harding Street				X	Yes	AK35	Yes	11/30/18	Yes	No	No BMPs are installed. No one was on site but there is minor track out onto Holland and Harding.
11/30/18	Israel of God Church	916 Harding Street			X		No	AK35	Yes	12/03/18	No	No	No BMPs are installed. No one was on site. Gravel in the inlet on the North West corner of Harding St. From separate project, going to follow up to make sure i.p. is installed. On site there has been no BMPs installed.
12/11/18	Israel of God Church	916 Harding Street				X	No	AK35	Yes	12/20/18	No	No	Silt fence and inlet protection have been installed. Dirt needs to be removed off of the sidewalk and the sticks needs to be removed from the curbline.
12/28/18	Israel of God Church	916 Harding Street			X		No	AK35	No	NA	No	No	The sidewalk has been cleaned off and the sticks have been removed from the curb line. All other BMPs are in good condition.
3/8/18	Wesley Willows Plat 7	3161 N. Rockton Ave			X		No	D336	No	NA	Yes	No	No trackout issues. S.F. good throughout site. 2 inlets in interior of site need to be surrounded by wattles. Site superintendent was contacted and is installing wattles soon. 2 washouts on site; 1 is mostly full.

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4/10/18	Wesley Willows Plat 7	3161 N. Rockton Ave				X	No	D336	No	NA	NA	No	All S.F. good. Temp. seed and E.C.B. added to all inactive areas. New I.P. installed on all inlet specials and open tops. Ditch checks in place where needed. New riprap added around FES inlet. No trackout issues. Washout almost full but good.
5/17/18	Wesley Willows Plat 7	3161 N. Rockton Ave				X	No	D336	No	NA	Yes	No	Trackout issue on the North East side of site. Otherwise, site looks good.
6/14/18	Wesley Willows Plat 7	3161 N. Rockton Ave			X		No	D336	No	NA	Yes	No	Silt fence is down in a few spots. Otherwise, site looks good.
8/2/18	Wesley Willows Plat 7	3161 N. Rockton Ave				X	No	D336	No	NA	Yes	No	The Northwest construction exit is washed out and there are also inlets next to it that need inlet protection. The trackout needs to be repaired and the construction exit needs more rip rap to prevent future trackout,
9/26/18	Wesley Willows Plat 7	3161 N. Rockton Ave			X		No	D336	No	NA	No	No	All silt fence and inlet protection are in good shape. Site looks good.
10/3/18	Wesley Willows Plat 7	3161 N. Rockton Ave			X		No	D336	No	NA	No	No	S.F. has been removed next to bare soil. Jeff Maney has been contacted and asked to put it back up.
10/26/18	Wesley Willows Plat 7	3161 N. Rockton Ave			X		No	D336	No	NA	No	No	Most of site stabilized with sod. S.F. removed in stabilized areas. I.P. wattles in place where needed.

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11/1/18	Wesley Willows Plat 7	3161 N. Rockton Ave			X		No	D336	No	NA	No	No	NE corner of site has new soil addition behind two homes. No S.F. up near road in that area. Monitor area for stabilization.
12/27/18	Wesley Willows Plat 7	3161 N. Rockton Ave				X	No	D336	Yes	01/11/19	Yes	No	Track out on Stoney Ridge Dr. needs to be swept up and new wattles need to be installed at inlet specials. Broken wattles near new construction on Pin Oak Way need to be replaced and curb line needs to be swept up.
2/23/18	Red Oak Estates	Eden Place & Oak Forest Dr.			X		No	NA	Yes	02/26/18	Yes	No	Major trackout was noticed coming from the home at the corner of Eden Pl. and Rote Rd. We stopped and spoke with the site superintendent and we were told the trackout would be cleaned up today. We will continue to monitor and check back later in the day.
3/8/18	The Links	75XX Western Gailles Dr			X		No	NA	Yes	04/09/18	Yes	No	All of the rock wattle I.P. along Western Gailles has been broken open and needs to be replaced. The concrete washout is full and needs to be removed. The open top I.P. silt fence has come loose and needs to be replaced. One section of S.F. on north side of houses is down.
3/13/18	Rockford OMS Expansion	449 Roxbury Rd.			X		No	NA	No	NA	NA	No	Minor S.F. issues superintendent was made aware of issue and will fix it. All other BMPs good.
3/16/18	Red Oak Estates	Eden Place & Oak Forest Dr.			X		No	NA	Yes	03/23/18	Yes	No	Excavator blew out silt fence at the property on Divine. They are aware and going to fix it. Minor track out by the three properties on Eden but sweeper is present. Washouts looked good.

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4/3/18	Rockford OMS Expansion	449 Roxbury Rd.			X			NA	No	NA	NA	NA	Parking lot inlets are protected, site in good condition, monitor spoil piles.
4/13/18	The Links	75XX Western Gales Dr				X	No	NA	Yes	04/27/18	Yes	No	No S.F. or I.P. on site. S.F. needs to be installed around perimeter of site. I.P. needs to be installed along Western Gales Dr. Trackout needs to be cleaned up on Western Gales Dr. Washout is full and needs to be removed/replaced. Monitor detention basin for possible sediment build up due to lack of I.P. on street.
4/17/18	Red Oak Estates	Eden Place & Oak Forest Dr.				X	No	NA	Yes	05/01/18	Yes	No	Repair all S.F. this is down on the West side of the site. Clean up all track out on Eden Place.
4/23/18	The Links	75XX Western Gales Dr			X		No	NA	Yes	04/26/18	Yes	No	Spoke with Tim from Keystone about maintenance issues. He will clean trackout and install I.P. today (4/23/18). He will install S.F. within 2-3 days. Trackout cleaned, I.P. installed, and S.F. installed on 4/24/18.
4/26/18	Red Oak Estates	Eden Place & Oak Forest Dr.			X		No	NA	Yes	05/04/18	Yes	No	Silt fence needs to be trenched in. Otherwise, the sites look good.
4/26/18	Rockford OMS Expansion	449 Roxbury Rd.			X			NA	No	NA	NA	NA	Site looks good. No issues w/I.P. or S.F.
4/27/18	Alpine Rd. Box Culvert	Alpine Rd. (Keith Creek)				X	No	NA	No	NA	Yes	No	Stabilization of East side of road has begun. S.F. still good throughout site. Erosion near Keith Creek on West side of road will need to be repaired soon.

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5/3/18	Red Oak Estates	Eden Place & Oak Forest Dr.			X		No	NA	Yes	05/04/18	Yes	No	Talked to Tim he is going to trench in the silt fence. Minor track out issues. Otherwise, all properties look good.
5/11/18	Alpine Rd. Box Culvert	Alpine Rd. (Keith Creek)				X	No	NA	No	NA	NA	No	East side of Alpine Rd. stabilized w/E.C.B. Rip rap added on both sides of box culvert next to creek. 4 new outlets installed, inlets being installed. Soil/seed being added to former discharge point into creek.
5/11/18	Red Oak Estates	Eden Place & Oak Forest Dr.				X	No	NA	Yes	NA	Yes	No	Silt fence needs to be repaired where knocked down. Remove sediment from in front of inlet protection.
5/31/18	Rockford OMS Expansion	449 Roxbury Rd.				X		NA	No	NA	NA	NA	S.F. good on site. I.P. installed where needed. Open top on East side has catch basket that is mostly full. Stockpile will need to be stabilized soon.
6/1/18	The Links	75XX Western Gailes Dr			X		No	NA	Yes	NA	NA	No	Site looks good. Just minor track out issue, continue to monitor.
6/25/18	The Links	75XX Western Gailes Dr				X	No	NA	Yes	NA	Yes	No	Inlet protection needs to be reinstalled. Track out needs to be cleaned up.
6/25/18	Red Oak Estates	Eden Place & Oak Forest Dr.				X	No	NA	Yes	NA	Yes	No	Silt fence needs to be repaired where knocked down. The yard needs to be stabilized.
7/12/18	Ortho Illinois Parking Lot Improvements	5875 E. Riverside Blvd.				X	Yes	NA	No	NA	NA	No	Asphalt removal and re-application taking place in phases. I.P. installed and removed after each phase is complete. Continue to monitor trackout from site.

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7/13/18	Alpine Rd. Box Culvert	Alpine Rd. (Keith Creek)				X	No	NA	No	NA	NA	No	Final HMA lift complete. All I.P. and S.F. pulled from site. E.C.B. installed in some areas. Further stabilization needed along Alpine Rd. curbline.
7/18/18	The Links	75XX Western Gables Dr			X		No	NA	Yes	NA	Yes	No	Inlet protection needs to be reinstalled. Otherwise site looks good.
7/23/18	Rockford OMS Expansion	449 Roxbury Rd.			X			NA	No	NA	NA	No	Project is nearly complete. Final stabilization of site is needed.
7/23/18	Red Oak Estates	Eden Place & Oak Forest Dr.				X	No	NA	NA	NA	No	No	Everything on site looks good.
7/30/18	Smokey Bones Bar and Grill	6690 East State Street				X	Yes	NA	No	NA	No	No	Completed the demo of the building. Site looks good no issues. Planning on having the work done in two weeks.
7/30/18	Ortho Illinois Parking Lot Improvements	5875 E. Riverside Blvd.			X		No	NA	No	NA	NA	No	Fabric I.P. installed in open tops. Washout being done in plastic lined cardboard containers. No trackout issues.
8/3/18	Kishwaukee Rd. Pavement Improvements	S. Kishwaukee Rd.			X		Yes	NA	No	NA	NA	No	All BMPs on site looked good.
8/9/18	Alpine Rd. Box Culvert	Alpine Rd. (Keith Creek)				X	No	NA	No	NA	NA	No	Site is final stabilized with at least 70% uniform coverage. Inspections no longer needed.

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8/15/18	The Links	75XX Western Gailles Dr				X	No	NA	Yes	08/29/18	Yes	No	All trackout on Western Gailles Dr. and Bonnybridge Ln. needs to be cleaned up. The inlet special on Bonnybridge needs new I.P. All inactive soil on site needs to be stabilized.
8/16/18	Library Demo	215 N. Main St.		X			Yes (8/16/2018)	NA	Yes	09/04/18	NA	No	S.F installed on site per erosion control plan and additional S.F. added under Jefferson St. bridge. I.P. will be installed next week. Building demolition scheduled to begin after 9/3/18; check back after.
8/17/18	Smokey Bones Bar and Grill	6690 East State Street			X		No	NA	No	NA	No	No	Site looks good. Inlet protection is still in good condition on the Southwest corner of the property.
8/17/18	Red Oak Estates	Eden Place & Oak Forest Dr.				X	No	NA	NA	NA	No	No	The house on Sentinel Road and Divine Drive is fully stabilized. The houses on Eden Place need to have silt fence reinstalled and inlet protection. The open top in the back of one of the houses need to have the silt fence around it removed and have inlet protection installed. The silt fence is holding back water from draining into the inlet.
8/21/18	Kishwaukee Rd. Pavement Improvements	S. Kishwaukee Rd.			X		No	NA	No	NA	NA	No	I.P. installed at entrance to RRWRD. All other BMPs look good.

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8/22/18	Rockford OMS Expansion	449 Roxbury Rd.			X			NA	No	NA	NA	NA	Site looks good, just waiting for the 70% stabilization.
8/22/18	Collier RV Parking Lot Improvements	5958 Columbia Parkway			X		Yes	NA	No	NA	NA	NA	Work has been completed and everything looks good.
8/28/18	Smokey Bones Bar and Grill	6690 East State Street				X	No	NA	No	NA	No	No	Site looks good. Just finished pouring the footings. Looking at finishing around Christmas.
8/31/18	Charles Street Box Culvert				X		No	NA	No	NA	Yes	No	Site looks good. Finishing up the South side of the intersection.
9/5/18	Rockford OMS Expansion	449 Roxbury Rd.				X	No	NA	No	NA	NA	NA	Site looks good. Site has reached 70% stabilization. No more inspections are needed. Inlet protection can be pulled.
9/7/18	Charles Street Box Culvert				X		No	NA	Yes	09/28/18	No	No	Box culvert work is complete. Check back in 3 weeks for final stabilization.
9/12/18	Charles Street Box Culvert					X	No	NA	No	NA	No	No	Landscapers added sod to all bare soil. Site is final stabilized w/100% uniform coverage.
9/12/18	Library Demo	215 N. Main St.				X	No	NA	No	NA	NA	No	Building demo started. All inlets have I.P. catch baskets and surrounded by wattles. S.F. up on South, East, and North side of site; not necessary on West side. No trackout issues.

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9/14/18	Crash 1 Parking Lot Improve.	7120 Colosseum Dr.			X		Yes	NA	No	NA	NA	No	Asphalt removal underway. Catch basket I.P. being installed in open top inlets in parking lot. HMA installation will be complete by 9/21/2018.
9/17/18	The Links	75XX Western Gailes Dr				X	No	NA	No	NA	No	No	All sites have an erosion control blanket down. No issues looks good.
9/17/18	Ortho Illinois Parking Lot Improve.	5875 E. Riverside Blvd.				X	No	NA	No	NA	NA	No	I.P is installed. The South side of the site is complete and now are working on the North side.
9/20/18	Verdi Club Building Addition	782 N. Madison St.			X		Yes	NA	No	NA	NA	No	A line of straw wattle checks installed on West side of site near river. Washout tote located near entrance to site. No trackout issues from site.
9/26/18	Red Oak Estates	Eden Place & Oak Forest Dr.			X		No	NA	NA	NA	No	No	The houses on the West side of Eden Place are being blanketed. Inlet protection looks good.
9/27/18	Crash 1 Parking Lot Improvements	7120 Colosseum Dr.			X		No	NA	No	NA	NA	No	Parking lot is complete and BMPs have been removed.
10/1/18	Stowmarket Paving Improvements	2775 Stowmarket Avenue				X	Yes	NA	No	NA	Yes	No	Right now William Charles is tying in the roof drains so parts of the parking lot are tore up. Wattles are around the open tops in the grass and a drop basket is needed in an open top in the parking lot that is surrounded by gravel. Spoke to a guy on site and he is going to have one put in.

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10/3/18	Smokey Bones Bar and Grill	6690 East State Street			X		No	NA	No	NA	No	No	Currently working on vertical construction. Some ponding of water on the North fence line.
10/11/18	The Links	75XX Western Gables Dr				X	No	NA	No	NA	No	No	Site has reached 70% stabilization. No more inspections are needed and all BMPs can be removed.
10/22/18	NIFB Parking Lot Improvements	765 Research Pkwy.			X		Yes	NA	No	NA	NA	No	S.F. installed where needed. Continue to monitor site for trackout.
10/23/18	RMTD Phase II	501 W. State St.				X	Yes	NA	No	NA	Yes	No	Inlet protection is needed on the South side of the site. Going to install the underground detention system in a week and a half.
10/24/18	Red Oak Estates	Eden Place & Oak Forest Dr.			X		No	NA	NA	NA	No	No	The house on the East side needs to be stabilized. The open top should be cleaned out. All the other houses are stabilized.
10/25/18	123 1st St. Parking Improvements	123 1st St.			X		Yes	NA	No	NA	NA	No	Storm inlet on North side of site is above grade. Site looks good.
10/26/18	Maintain Your Smile Building Addition	1100 Mulford Road			X		Yes	NA	No	NA	No	No	Excavating has just started. No BMPs in place.
10/30/18	RMTD Phase II	501 W. State St.				X	Yes	NA	No	NA	No	No	Inlet protection needs to be installed on the South side of the site.

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11/6/18	Library Demo	215 N. Main St.				X	No	NA	No	NA	NA	No	Building demo mostly complete. S.F. removed on S. Main as well as Mulberry. I.P. baskets in place and cleaned out. Wattles used at base of sloped asphalt drive to catch sediment runoff. Bare soil under Jefferson St. bridge to be stabilized by end of November w/ E.C.B.
11/8/18	RMTD Phase II	501 W. State St.			X		No	NA	No	NA	No	No	The underground detention basin is being installed. The rest of the site looks good.
11/19/18	Red Oak Estates	Eden Place & Oak Forest Dr.			X		No	NA	NA	NA	No	No	All the houses are stabilized. Does look like another site might start soon.
11/21/18	123 1st St. Parking Improvements	123 1st St.			X		No	NA	No	NA	NA	No	Project complete. Areas of undisturbed bare soil remain.
11/29/18	RMTD Phase II	501 W. State St.				X	No	NA	No	NA	No	No	Site looks good. Currently working indoors. Underground detention basin has been installed.
11/30/18	Stowmarket Paving Improvements	2775 Stowmarket Avenue			X		No	NA	No	NA	No	No	The East side has been repaved.
12/20/18	Library Demo	215 N. Main St.			X		No	NA	No	NA	NA	No	Inlet protection removed and road opened up underneath Jefferson St. bridge. Wattles in place temporarily until excess soil is removed from site. Site will now be inactive until July 2019.

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12/21/18	Red Oak Estates	Eden Place & Oak Forest Dr.				X	No	NA	Yes	12/31/18	No	No	Concrete washout is not installed on site. Therefore there is concrete washout in the curb line on Eden Place. Three Hammer has until 12/31 to get the curb line cleaned up. A construction exit may be needed in the future if trackout becomes an issue.
12/26/18	Smokey Bones Bar and Grill	6690 East State Street				X	No	NA	No	NA	No	No	Site looks good. Inside work is being done. Planning on handing the site over in mid-January. Inlet protection is still in good condition.
12/31/18	Red Oak Estates	Eden Place & Oak Forest Dr.			X		No	NA	NA	NA	No	Yes	Follow up-concrete washout was not cleaned up and there is mud in the road now. Property submitted to code enforcement in January 2019.
4/20/18	Charles Street Box Culvert	Charles & 20th St.			X		Yes 4/20/18	NA	Yes	04/27/18	Yes	No	Concrete barrier wall installed in Keith Creek. I.P. needed at East end inlet on Charles St. Project Manager was contacted about maintenance issues. I.P. installed at inlet on 4/24/18.
5/10/18	Charles Street Box Culvert	Charles & 20th St.			X		No	NA	No	NA	NA	No	Wattles installed around inlet special on East end of box culvert. Removal of box culvert deck has begun on East end of box culvert.
6/4/18	Charles Street Box Culvert	Charles & 20th St.				X	No	NA	No	NA	Yes	No	Site looks good. All I.P. is still installed.
7/24/18	Charles Street Box Culvert	Charles & 20th St.				X	No	NA	No	NA	NA	No	Pouring box culvert deck on Charles St. All BMPs on site look good.

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2/26/18	Huffman Property	2001 N Bell School			X		No	Q339	Yes	03/26/18	NA	No	No trackout issues. S.F. down in multiple areas. S.F. needs to be repaired/replaced.
4/16/18	Huffman Property	2001 N Bell School				X	No	Q339	No	NA	Yes	No	S.F. near the Bell School Rd. entranced needs to be repaired. No trackout issues, continue to monitor the Rote Rd. entrance.
4/26/18	Huffman Property	2001 N Bell School			X		No	Q339	No	NA	No	No	Silt fence was replaced and looks good. No trackout issues.
5/24/18	Huffman Property	2001 N Bell School				X	No	Q339	Yes	06/07/18	Yes	No	Sediment has overtopped the S.F. on the West side of site and gone into the wetlands. Remove built up sediment from S.F. and stabilize slope to prevent future erosion. Weekly inspections were not in SWPPP mailbox and need to be done.
6/11/18	Huffman Property	2001 N Bell School			X		No	Q339	No	NA	Yes	No	Trackout was noticed leaving the site on Rote Road and pass Eden Place. Chris was notified and is going to take care of the issue.
6/28/18	Huffman Property	2001 N Bell School			X		No	Q339	Yes	07/12/18	Yes	No	S.F. has been blown out next to the wetlands. In addition, the SWPPP mailbox needs updated inspections. Tony from FMG contacted me after the inspection to let me know all repairs will be made next week.
7/18/18	Huffman Property	2001 N Bell School			X		No	Q339	Yes	08/01/18	Yes	No	S.F. still needs to be repaired on the West side of the site bordering the wetlands. SWPPP mailbox has not been updated with new inspections yet either.

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8/7/18	Huffman Property	2001 N Bell School				X	No	Q339	Yes	08/10/18	Yes	No	The S.F. is still down and sediment has gotten into the wetlands on the West side of the property. Rills have formed on the slope near the wetlands that should be repaired. The SWPPP mailbox does not have any current inspections in it.
8/15/16	Huffman Property	2001 N Bell School			X		No	Q339	No	NA	NA	No	S.F. has been repaired next to wetlands. Erosion repaired next to wetlands and additional S.F. installed to prevent future erosion. Continue to monitor trackout from site onto Rote Rd.
9/17/18	Huffman Property	2001 N Bell School				X	No	Q339	Yes	10/01/18	Yes	No	The S.F. is down again and sediment has gotten into the wetlands on the West side of the property. Rills have formed on the slope near the wetlands that should be repaired. The slope near the wetlands should be stabilized or have a rock check added where the concentrated flow is. The SWPPP mailbox does not have any current inspections in it.
10/1/18	Huffman Property	2001 N Bell School			X		No	Q339	Yes	10/05/18	Yes	No	The S.F. is down again and sediment has gotten into the wetlands on the West side of the property. Rills have formed on the slope near the wetlands that should be repaired. The SWPPP mailbox does not have any current inspections in it. Talked to Chris and he is going to address the issues. On 10/5, the silt fence was poorly fixed and there were still no updated inspections in the mailbox.

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11/7/18	Huffman Property	2001 N Bell School			X		No	Q339	Yes	11/14/18	Yes	No	All S.F. on site is good. No trackout issues. Erosion near wetland stabilized with E.C.B. No new inspections in SWPPP mailbox since 10/10/2018.
11/20/18	Bello Reserve Lot 115	626 Shiloh Road				X	Yes	U264	Yes	11/30/18	Yes	No	Only 1 of the 2 construction exits have been installed. Causing minor track out issues onto Shiloh Road. Silt fence is also needed on the North side as 2 areas have failed.
11/28/18	Bello Reserve Lot 115	626 Shiloh Road				X	No	U264	No	NA	NA	No	All corrections have been made, site looks good.
2/23/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd			X		No	U857	Yes	04/26/18	Yes	No	Multiple areas of S.F. knocked down that need to be replaced/repared. The silt basin is full and needs to be dug out/repared. The check dam is clogged with sediment and needs to be cleaned out or replaced. Troy Lee was contacted about this.
4/4/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd				X	No	U857	Yes	04/06/18	Yes	No	Trackout was noticed on Sandy Hollow Rd. Troy Lee was contacted about it and will have it cleaned. Rip rap should be added to construction exit to prevent future trackout issues. Rills noticed in NE corner of site, stabilization needed in area. Multiple areas of S.F. are down or covered w/sediment. Check dam needs to be cleared of sediment and debris. Met w/Troy Lee to discuss corrective actions on site 4/6/18 @ 3:15 p.m., notes in inspection folder.

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4/26/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd			X		No	U857	No		Yes	No	Silt fence was being replaced while on site. No trackout issues. Everything else looked good.
5/10/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd				X	No	U857	No	NA	NA	No	New S.F. added to entire site; doubled up in problematic areas. New riprap added at exit; continue to monitor trackout from site. New check dam installed North and West of gate. Old check dams repaired. Wattles added past sediment pond. NE corner of site needs better stabilization; continue to monitor.
6/4/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd			X		No	U857	No	NA	NA	No	All newly installed BMPs are in good working order. No issues w/site.
6/12/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd			X		No	U857	No	NA	NA	No	All BMPs good after 3.54" inches of rain. 2 areas of S.F. starting to lean but still upright. Continue to monitor trackout from site.
6/28/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd	Yes			X	No	U857	Yes	NA	Yes	No	S.F. has been undermined by water just West of the gate. Sediment has gotten past the S.F. Troy Lee is aware and will be fixing problem on 6/29/18. All other BMPs on site good. Continue to monitor trackout from site.
9/20/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd				X	No	U857	No	NA	NA	No	NW corner of site recently seeded and has new growth. All S.F. on site looks good. No issues w/check dams. No trackout issues, construction exit looks good.

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10/29/18	Sandy Hollow Grading Site	1820 Sandy Hollow Rd				X	No	U857	No	NA	NA	No	S.F. good throughout site. Construction exit good, no trackout issues. All rock checks looked good, no sediment build up. New growth noticed in seeded area in NW corner of site.
5/23/18	Amerock Building Hotel Construction	431 S. Main St.			X		Yes	V023	No	NA	NA	No	No soil being disturbed at site. Inlets next to building have wattles as protection. S.F. up near construction trailer.
9/13/18	Amerock Building Hotel Construction	431 S. Main St.		X			No	V023	No	NA	NA	No	Excavation of North end of site for COR portion of project started. Catch basket I.P. surrounded by wattles in place at all inlets in area. S.F. up where needed. No trackout issues on Wyman St. continue to monitor.
11/2/18	Amerock Building Hotel Construction	431 S. Main St.				X	No	V023	No	NA	NA	No	All S.F. on site is good. Catch basket and wattle I.P. installed at all inlets. Building foundation being installed, most of site in sump state.
11/30/18	Amerock Building Hotel Construction	431 S. Main St.				X	No	V023	No	NA	NA	No	All S.F. on site is good on S. Main St. New wattles installed on inlets on Wyman St. due to plow damage.
4/17/18	IDOT N. Main St	N. Main (Auburn-Riverside)				X	No	V965/V340	No	NA	NA	No	I.P. needs to be added to the inlet special on the NE corner of E. Riverside and N. Main, also to the open top inlet in the middle of N. Main across from the IDOT field office. Rick and Nassib were made aware of this during the inspection. All other BMPs on the site looked good.

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6/1/18	IDOT N. Main St	N. Main (Auburn-Riverside)			X		No	V965/V340	No	NA	NA	No	The inlet in front of Mobil does not have a wattle. Rick is going to see if there needs to be one there. Otherwise, everything looks good.
8/8/18	IDOT N. Main St	N. Main (Auburn-Riverside)				X	No	V965/V340	No	NA	NA	No	All S.F. looked good on site. All inactive soil has been stabilized. No I.P. needed on site. Storm sewer has been connected on both E and W side of Main St. One lane of concrete installation remaining.
9/6/18	IDOT N. Main St	N. Main (Auburn-Riverside)			X		No	V965/V340	No	NA	NA	No	Site looks good, no issues.
1/31/18	OSF Bed Tower Addition	5666 E State St			X		No	W137	No	NA	Yes	No	All inactive soil has been stabilized. I spoke w/site superintendent from Ringland Johnson about a possible washout in an open top inlet. He informed me it was from Frinks discharging water from hydro excavating. I also told him the open tops in the areas of bare soil would need I.P. He will be installing I.P. soon.
4/3/18	OSF Bed Tower Addition	5666 E State St			X			W137	No	NA	NA	NA	Some bare soils with landscapers on site, inlet protection needs maintenance, and additional inlet protection needed south of new addition until final stabilization.
4/26/18	OSF Bed Tower Addition	5666 E State St			X		No	W137	No	NA	NA	No	Landscaping has been completed and all soil is now stabilized.
5/11/18	OSF Bed Tower Addition	5666 E State St			X		No	W137	No	NA	No	No	Everything is stabilized, grass is starting to grow.

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5/24/18	OSF Bed Tower Addition	5666 E State St				X	No	W137	No	NA	No	No	Site is fully seeded w/70 % growth... All remaining I.P. should be removed. Ringland Johnson was told about remaining I.P. and will have all remaining I.P. removed.
6/11/18	OSF Bed Tower Addition	5666 E State St				X	No	W137	No	NA	No	No	Site is final stabilized with 100% uniform coverage. Inspections no longer needed.
2/26/18	Harrison Avenue Fill Site	349 Quaker Rd			X		No	W417	No	NA	NA	No	Sediment build up around the casting. Minor silt fence damage. Track out looked good. Inlet protection look good.
4/10/18	Harrison Avenue Fill Site	349 Quaker Rd				X	No	W417	Yes	05/10/18	Yes	No	All S.F. on site looked good. Rip rap added around open top inlet near NE corner of site. Continue to monitor catch basket I.P. on Quaker Rd. Trackout looked good. Further stabilization of all slopes on site needed as soon as conditions allow.
4/26/18	Harrison Avenue Fill Site	349 Quaker Rd			X		No	W417	No		Yes	No	All S.F. on site looked good. One of the catch basket I.P. on Quaker Road needs to be replaced. Trackout looked good. Further stabilization of all slopes on site needed as soon as conditions allow.
5/10/18	Harrison Avenue Fill Site	349 Quaker Rd				X	No	W417	No	NA	NA	No	The South side of the property needs to be stabilized. Inlet protection on Quaker road needs to be replaced.
6/25/18	Harrison Avenue Fill Site	349 Quaker Rd				X	No	W417	No	NA	NA	No	Silt fence needs to be repaired where knocked down. Remove sediment from in front of inlet protection. Stabilize the South side. Unclog the pipe on the North East side of the property.

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7/30/18	Harrison Avenue Fill Site	349 Quaker Rd			X		No	W417	Yes	07/31/18	Yes	No	Trackout is on Quaker and Seminary. A new construction exit was recommended to stop further trackout.
7/31/18	Harrison Avenue Fill Site	349 Quaker Rd				X	No	W417	No	NA	Yes	No	Site has a few things that need to be addressed, silt fence, construction exit, stabilization, and continue to pump the standing water out from the clogged inlet. Where the standing water is there is a sheen. Do not know the source of the sheen but there are a 5 gal. bucket of hydraulic oil and little bottles of motor oil laying around by the water. Will continue to monitor.
8/16/18	Harrison Avenue Fill Site	349 Quaker Rd			X		No	W417	Yes	08/17/18	Yes	No	There is trackout on Quaker. A new construction exit was recommended to stop further trackout.
9/10/18	Harrison Avenue Fill Site	349 Quaker Rd			X		No	W417	Yes	09/11/18	Yes	No	There is trackout on Quaker. Contacted Rob, he said he would get a sweeper out there. Will do a full inspection on 9/11/2018.
9/11/18	Harrison Avenue Fill Site	349 Quaker Rd				X	No	W417	No	NA	Yes	No	There is trackout on Quaker. The construction exit needs more rip rap to prevent future track out. Silt fence needs to be replaced in the SW & SE corner. Further stabilization is needed on the South slope. The inlet on the NE corner still needs to be unclogged.

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10/25/18	Harrison Avenue Fill Site	349 Quaker Rd			X		No	W417	Yes	10/26/18	Yes	No	On 10/25, mud came off the North slope and onto Quaker. Talked to Rob and he said he would clean the mud off the street. On 10/26, the street had been cleaned off. Going to do a full inspection next week.
10/30/18	Harrison Avenue Fill Site	349 Quaker Rd				X	No	W417	No	NA	Yes	No	Inlet protection needs to be cleaned out along Quaker Road. More riprap is needed in the construction exit. A BMP needs to be install at the curb cut to prevent sediment from leaving the site.
5/22/18	Harrison Ave. Reconstructi on	Harrison Avenue (9th-20th)				X	No	W423	No	NA	Yes	No	Site needs further stabilization. Landscape work starting mid to late next week. All I.P. catch baskets recently cleaned out and some new baskets were installed. Trackout was noticed during the inspection but was cleaned up immediately. Continue to monitor the site for trackout.
8/8/18	Harrison Ave. Reconstructi on	Harrison Avenue (9th-20th)			X		No	W423	Yes	08/16/18	Yes	No	Site needs further stabilization. Landscape work will be completed on 8/15/18. Check back after.
10/16/18	Harrison Ave. Reconstructi on	Harrison Avenue (9th-20th)				X	No	W423	No	NA	NA	No	Site final stabilized w/at least 70% uniform coverage. Inspections no longer needed.

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3/19/18	Mercy Hospital Riverside Campus	East Riverside & I-90			X		No	W504	Yes	04/19/18	Yes	No	Multiple issues w/site. I.P. needs to be repaired/replaced in numerous locations. Basin outlet pipe is clogged. S.F. used on basin inlet pipes need to be removed. Will follow up w/site contact in 1 month.
4/9/18	Mercy Hospital Riverside Campus	East Riverside & I-90				X	No	W504	No	NA	NA	No	New I.P. has been installed throughout site. Landscaping has begun on site. Stabilization of inactive areas will be needed as soon as conditions allow. Some sediment remains in detention basin pipe but will be cleaned as soon as stabilization is complete.
5/14/18	Mercy Hospital Riverside Campus	East Riverside & I-90			X		No	W504	No	NA	Yes	No	All around the site needs to be stabilized. Sediment is leaving the area. On the West side of the property a pipe is completely full with sediment.
6/12/18	Mercy Hospital Riverside Campus	East Riverside & I-90			X		No	W504	No	NA	Yes	No	There is severe erosion in the South East drainage ditch.
7/13/18	Mercy Hospital Riverside Campus	East Riverside & I-90				X	No	W504	No	NA	Yes	No	Everything on site looks good.
9/6/18	Mercy Hospital Riverside Campus	East Riverside & I-90				X	No	W504	No	NA	Yes	No	The basin on the North side needs to be stabilized and that is the last maintenance item that needs to be done before they can file for NOT.

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9/19/18	Mercy Hospital Riverside Campus	East Riverside & I-90			X		No	W504	Yes	10/03/18	Yes	No	The North end detention basin has been blanketed and seeded. Check back in 2 weeks for growth.
10/26/18	Mercy Hospital Riverside Campus	East Riverside & I-90			X		No	W504	No	NA	NA	No	The North basin is still not stabilized but it is now dry.
11/20/18	Mercy Hospital Riverside Campus	East Riverside & I-90				X	No	W504	No	NA	Yes	No	Site final stabilized w/at least 70% uniform coverage. Inspections no longer needed.
5/3/18	FedEx Freight	3902 American Rd				X	No	W839	Yes	05/17/18	Yes	No	I.P. installed where needed. S.F. down in NE corner of site next to detention pond. Major erosion and rill formation around detention pond. Repair all erosion around basin and stabilize all soil around basin and next to parking lot.
6/1/18	FedEx Freight	3902 American Rd				X	No	W839	Yes	06/14/18	Yes	No	Erosion repair and stabilization needed around detention basin. Spoke w/Randy Fago from Cord on site. Work will be completed on basin in 1 week.
6/12/18	FedEx Freight	3902 American Rd			X		No	W839	Yes	06/27/18	Yes	No	Further stabilization needed throughout site. Basin needs erosion repair and further stabilization as well. Randy Fago from Cord is aware of the issues to be corrected.
7/23/18	FedEx Freight	3902 American Rd			X		No	W839	Yes	08/06/18	Yes	No	Site almost fully stabilized. A few areas need seed and E.C.B. Check back in two weeks.

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8/7/18	FedEx Freight	3902 American Rd				X	No	W839	Yes	08/21/18	Yes	No	A small area of bare soil on the West side of the site near the fence needs to be stabilized.
8/27/18	FedEx Freight	3902 American Rd			X		No	W839	Yes	09/17/18	NA	No	1 area of bare soil remains near the entrance to the site. The rest of the site is almost fully stabilize. Check back in 3 weeks.
10/11/18	FedEx Freight	3902 American Rd				X	No	W839	No	NA	NA	No	Site final stabilized w/at least 70% uniform coverage. Inspections no longer needed.
3/7/18	Tollway M-7 Maintenance Facility	7910 E State St.			X		No	X557	No	NA	NA	No	Major erosion occurring on west side drainage way leading to detention basin. Sediment build up at north end of detention basin and at south end basin outfall. S.F. down on part of eastern slope of detention basin.
4/10/18	Tollway M-7 Maintenance Facility	7910 E State St.				X	No	X557	Yes	04/24/18	Yes	No	S.F. needs to be replaced on East side of basin. Washout is leaking and needs to be repaired. Sediment is building up near basin outfall next to E. State St. All erosion in drainage way needs to be repaired.
5/30/18	Tollway M-7 Maintenance Facility	7910 E State St.				X	No	X557	Yes	06/13/18	Yes	No	Major erosion occurring on west side drainage way leading to detention basin. Site superintendent is developing a plan to address all erosion issues occurring on site.

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7/11/18	Tollway M-7 Maintenance Facility	7910 E State St.				X	No	X557	No	NA	No	No	All inactive bare soil has been stabilized. Major areas of erosion have been repaired. A new outlet control was installed at basin. Ditch checks were installed on basin drainageway and along E. State St. drainageway. New vertical construction started on North side of site.
8/21/18	Tollway M-7 Maintenance Facility	7910 E State St.				X	No	X557	Yes	09/03/18	Yes	No	1 wattle needs to be replaced on East side of site near on ramp. Site superintendent will be installing articulating concrete blocks in the drainage way on the North side of the detention pond to correct reoccurring erosion problems.
10/18/18	Tollway M-7 Maintenance Facility	7910 E State St.				X	No	X557	Yes	11/01/18	Yes	No	Additional rock checks installed on basin drainageway S.F. good near basin. Flock logs installed on basin drainageway. Basin drainageway as well as drainageway along E. State St. needs further stabilization.
3/13/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.			X		No	X739	No	NA	NA	No	Trackout good. S.F. good throughout site. Open top inlet in SW corner of site is above grade and does not need I.P. No other storm inlets installed yet.
4/2/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.				X	No	X739	Yes	04/09/18	Yes	No	Sweeping needs to be done. Trackout was on Kishwaukee, Union, Gregory, and 3rd. Inlet protection needs to be put in at all inlets.
4/2/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.			X		No	X739	No	NA	Yes	No	Sweeping needs to be done twice a day. Trackout was on Kishwaukee and Union. Also to put in a construction exit on Union.

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5/4/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.				X	No	X739	Yes	05/18/18	Yes	No	Minor S.F. issues on Union St., continue to monitor. I.P. good on Kishwaukee St. 2 open tops within site have fabric I.P. and need to be replaced with catch baskets. S.F. at basin inlet pipe needs to be replaced with wattles. Trackout good; continue to monitor.
5/31/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.				X	No	X739	No	NA	NA	No	S.F. good throughout site. I.P. installed where needed. Basin is fully stabilized with wattles at inlet and rip rap at outlet. Minor trackout on Union St.; continue to monitor.
6/28/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.				X	No	X739	No	NA	Yes	No	Drop baskets need to be emptied otherwise site looks good.
8/8/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.				X	No	X739	No	NA	Yes	No	Open top on the Southwest side of the property needs to be cleaned off. The rest of the site looks good.
9/11/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.				X	No	X739	No	NA	Yes	No	Open top on the Southwest side of the property needs to be cleaned off. The rest of the site looks good.
11/2/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.				X	No	X739	No	NA	No	No	Site looks good. The stockpiles are going to continue to be active throughout the winter.
12/12/18	Kishwaukee Elementary	Kishwaukee St. & Gregory St.			X		No	X739	No	NA	No	No	Parking lot is now paved. The stockpile is still active. Site looks good. All storm sewer is connected.

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1/31/18	Family Dollar	2425 Charles St			X		No	X898	No	NA	NA	No	Construction almost complete; interior work remains. I.P. still in place but could be cleaned out. Soil stabilization needed as soon as ground thaws.
3/27/18	Family Dollar	2425 Charles St			X		No	X898	Yes	04/10/18	Yes	No	Construction of building is complete. All inactive soil needs to be stabilized. I contacted the site superintendent and was told landscapers will be out the week of 4/2/2018 to stabilize the site.
4/13/18	Family Dollar	2425 Charles St				X	No	X898	No	NA	Na	No	All I.P. has been removed from site. Entire site has been landscaped and all bare soil stabilized w/E.C.B.
5/11/18	Family Dollar	2425 Charles St				X	No	X898	No	NA	NA	No	Site is final stabilized with 100% uniform coverage. Inspections no longer needed.
3/12/18	Mercy Way	Mercy Way from Riverside to Lyford Rd.			X		No	X943	No	NA	No	No	All storm sewer installed on western portion of road; eastern portion is partially complete. Trackout looked good; sweeper on site. S.F. good. No I.P. needed yet. Stabilization will be needed in some areas when conditions allow for it.
4/27/18	Mercy Way	Mercy Way from Riverside to Lyford Rd.				X	No	X943	No	NA	Yes	No	The silt fence inlet protection that was installed in the detention basin in front of the outlet should be replaced with Culvert Inlet Protection. Silt fence is down in multiple areas, needs to be reinstalled.
5/29/18	Mercy Way	Mercy Way from Riverside to Lyford Rd.			X		No	X943	Yes	06/12/18	Yes	No	Outlet protection needed at north basin near Riverside Blvd.

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6/12/18	Mercy Way	Mercy Way from Riverside to Lyford Rd.			X		No	X943	No	NA	No	No	Severe erosion in the South East drainage ditch.
7/9/18	Mercy Way	Mercy Way from Riverside to Lyford Rd.				X	No	X943	Yes	07/23/18	Yes	No	S.F. and riprap at SW corner of box culvert wing wall need to be repaired. Straw wattle outlet controls in detention basin need to be repaired. George Webber from Fehr Graham is aware of issues and is working and addressing them.
8/30/18	Mercy Way	Mercy Way from Riverside to Lyford Rd.				X	No	X943	Yes	09/13/18	Yes	No	Repair the S.F. this is down on the North side of the box culvert closet to Lyford Rd. Also, remove all sediment from both 32" pipes near the Lyford Rd., E. Riverside Blvd. entrance and install a straw wattle outlet control instead of S.F. A new washout is located on the South end of the site. No trackout issues from the site.
10/9/18	Mercy Way	Mercy Way from Riverside to Lyford Rd.			X		No	X943	Yes	10/23/18	Yes	No	Spoke with George Weber (Fehr Graham) onsite about latest SWPPP inspection. Met with people from Foss landscaping and addressed I.P. issues as well as S.F. repairs that need to be made.
3/7/18	Carlson Elementary	94015 Pepper Dr			X		No	Y860	No	NA	NA	No	S.F. good throughout site. I.P. in parking lot near construction trailer is almost full and should be emptied soon; continue to monitor. No trackout issues. All other BMPs good.
4/11/18	Carlson Elementary	94015 Pepper Dr				X	No	Y860	Yes	05/11/18	Yes	No	S.F. looked good on site. No trackout issues. I.P. at open top inlet near construction trailer needs to be emptied/cleaned out.

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5/16/18	Carlson Elementary	94015 Pepper Dr				X	No	Y860	Yes	05/30/18	Yes	No	S.F. looked good on site. No trackout issues. Fabric I.P. on open top in front of school is not allowing water to drain and should be replaced with a catch basket.
6/14/18	Carlson Elementary	94015 Pepper Dr				X	No	Y860	Yes	06/28/18	Yes	No	Work has started in the NE, SE, and SW quadrants of the school. No BMPs installed. RPS is aware and will have Stenstrom install everything today.
6/22/18	Carlson Elementary	94015 Pepper Dr				X	No	Y860	No	NA	NA	No	S.F. was installed where needed around the NE, SE, and SW quadrants. I.P. catch baskets installed on all open top inlets. 2 new construction exits were installed along Pecan St.
8/1/18	Carlson Elementary	94015 Pepper Dr			X		No	Y860	No	NA	NA	No	Site is finishing all HMA work. Contractor will begin stabilization of site after and remove all BMPs when 70% growth is achieved.
8/17/18	Carlson Elementary	94015 Pepper Dr				X	No	Y860	No	NA	NA	No	All S.F. removed from site. Remaining I.P. can be removed. Further stabilization w/ E.C.B. needed in some areas.
9/5/18	Carlson Elementary	94015 Pepper Dr				X	No	Y860	No	NA	NA	No	Site final stabilized w/at least 70% uniform coverage. All remaining I.P. should be removed.
4/20/18	Clocktower Demolition	7801 E. State St.			X		Yes 4/20/18	Y965	Yes	04/27/18	Yes	No	No I.P. installed on site. Spoke w/Rob Schlicting while on site. He informed me all storm sewer will be removed. I suggested temporary outlet controls in drainageway and told him I would send him a map of the locations.

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4/27/18	Clocktower Demolition	7801 E. State St.				X	No	Y965	No	NA	NA	No	All storm sewer on property will be removed. Temporary outlet controls installed at all storm sewer outlets in drainageway. S.F. will be installed after tree removal is completed.
5/17/18	Clocktower Demolition	7801 E. State St.			X		No	Y965	No	NA	NA	No	Site looks good. Demolition of hotel is halfway complete.
6/12/18	Clocktower Demolition	7801 E. State St.				X	No	Y965	No	NA	NA	No	Temporary outlet controls installed at all storm sewer outlets in drainageway to the West. Building demolition nearly complete.
6/28/18	Clocktower Demolition	7801 E. State St.				X	No	Y965	No	NA	NA	No	Site looks good, no issues. Demo almost complete.
7/23/18	Clocktower Demolition	7801 E. State St.				X	No	Y965	No	NA	NA	No	Everything onsite looks good. Building demolition nearly complete, the clock tower demo will be next.
8/7/18	Clocktower Demolition	7801 E. State St.			X		No	Y965	No	NA	NA	No	Site looks good, no issues. Demo is complete, working on grinding and separating all of the material.
9/28/18	Clocktower Demolition	7801 E. State St.				X	No	Y965	No	NA	NA	No	Parking lot is completely torn up and top soil is being brought in. The South side of the site needs silt fence installed asap. Rob is aware and has someone installing it soon.
10/12/18	Clocktower Demolition	7801 E. State St.				X	No	Y965	No	NA	NA	No	Silt fence is up along the South side of the site.

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10/26/18	Clocktower Demolition	7801 E. State St.			X		No	Y965	No	NA	NA	No	Waiting for the site to be blanketed. Everything else looks good.
10/30/18	Clocktower Demolition	7801 E. State St.			X		No	Y965	No	NA	NA	No	Waiting for the site to be blanketed. Everything else looks good.
11/19/18	Clocktower Demolition	7801 E. State St.			X		No	Y965	No	NA	NA	No	Slit fence has been backfilled. Rest of site looks good.
12/21/18	Clocktower Demolition	7801 E. State St.			X		No	Y965	No	NA	NA	No	All BMPs are in good condition. Still waiting for 70% stabilization.
1/29/18	Aldeen Golf Club Pavilion	1902 Reid Farm Rd.			X		No	Y999	No	NA	No	No	I.P. installed on 4 parking lot inlets (2 open tops & 2 700s). South end is active side of site. S.F. on north end of site is good; one small section down but that area of site is inactive. Minor trackout in lot but not on road; continue to monitor. Continue to monitor I.P. catch baskets and empty as needed.
3/27/18	Aldeen Golf Club Pavilion	1902 Reid Farm Rd.				X	No	Y999	Yes	NA	Yes	No	Construction taking place on South end of site. No S.F. needed. I.P. catch basket good on open top inlet but both 700s in roundabout have torn baskets and need to be replaced. Sediment runoff was noticed in SW corner of site. Site superintendent John will install ditch checks and S.F. in areas where rills have formed.
5/8/18	Aldeen Golf Club Pavilion	1902 Reid Farm Rd.				X	No	Y999	No	NA	No	No	Silt fence needs to be reinstalled in a few places on the North side of the project. Inlet protection needs to be installed on the special on Reid Farm Road. Construction on the North side is starting.

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6/12/18	Aldeen Golf Club Pavilion	1902 Reid Farm Rd.			X		No	Y999	No	NA	No	No	A wattle on Reid Farm needs to be replaced. Otherwise, site looks good.
7/23/18	Aldeen Golf Club Pavilion	1902 Reid Farm Rd.			X		No	Y999	No	NA	No	No	Storm sewer installed around pavilion with I.P. Landscaping and sod installation will be completed in two weeks.
9/14/18	Aldeen Golf Club Pavilion	1902 Reid Farm Rd.			X		No	Y999	No	NA	No	No	Site final stabilized w/at least 70% uniform coverage. Inspections no longer needed.
8/9/18	SAHS Main Facility	1350 Charles St.		X			Yes (8/9/2018)	Z189	Yes	08/23/18	NA	No	Pre-Grading Inspection. Made contact w/site superintendent and discussed ESC plans and BMPs. Recommended I.P. wattles installed in south lot today near sand pile due to possibility of rain. All BMPs on site should be installed by 8/13/2018
9/20/18	SAHS Main Facility	1350 Charles St.				X	No	Z189	No	NA	NA	No	Projects located in three separate areas on site. S.F. installed where needed. Straw wattle I.P. installed throughout site. Construction exit installed on Charles St., no trackout issues. Washout installed on South side of building but not in use yet.
11/16/18	SAHS Main Facility	1350 Charles St.				X	No	Z189	No	NA	NA	No	Loading dock finished, BMPs removed in that area of site. Catch basket I.P. good throughout site; wattles starting to show wear, continue to monitor and have them replaced if necessary. No trackout issues from site.

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7/19/18	RFD Airport NW Cargo Apron Expansion	60 Airport Dr.				X	No	Z202	No	NA	NA	No	Fill operations taking place over the next 5 weeks to raise land elevation to accommodate further expansion of cargo apron.
9/13/18	RFD Airport NW Cargo Apron Expansion	60 Airport Dr.			X		No	Z202	No	NA	NA	No	Fill operations continuing, storm sewer will be installed soon. No trackout issues.
11/30/18	RFD Airport NW Cargo Apron Expansion	60 Airport Dr.				X	No	Z202	No	NA	NA	No	Site has been stabilized with mulch and seed. One bare patch of soil remains un-stabilized and may have concrete applied to it soon. Work will begin again Spring 2019.
1/29/18	Little Minds Learning Center	2640 Aschwin Blvd.			X		No	Z234	No	NA	Yes	No	Storm sewer not installed yet; should be in by March. S.F. good throughout site. Stockpile not stabilized but on adjacent property. Trackout is an issue. I spoke with site superintendent and he will be sweeping up trackout.
3/26/18	Little Minds Learning Center	2640 Aschwin Blvd.				X	No	Z234	No	NA	Yes	No	S.F. good, minor debris and sediment buildup along western edge of S.F. New I.P. installed on Aschwin Blvd. Stockpile at north end of site needs stabilization soon. Ditch checks installed on north end swale.
4/27/18	Little Minds Learning Center	2640 Aschwin Blvd.				X	No	Z234	No	NA	Yes	No	Stockpile is active, not stabilized but on adjacent property. Trackout is an issue. Silt fence needs to be replaced on the west side of the property. Storm sewer was installed on the west side of the property.

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5/22/18	Little Minds Learning Center	2640 Aschwin Blvd.				X	No	Z234	No	NA	Yes	No	Parking lot is paved. Site is stabilized. Two inlets have I.P. still. Fence is being installed now.
6/12/18	Little Minds Learning Center	2640 Aschwin Blvd.			X		No	Z234	No	NA	No	No	Site looks good waiting for 70% growth and for inlet protection to be pulled.
7/12/18	Little Minds Learning Center	2640 Aschwin Blvd.				X	No	Z234	Yes	07/26/18	Yes	No	Project is complete. I.P., S.F., and ditch checks need to be removed from site. Further stabilization of site is needed in order to reach 70% uniform coverage.
8/30/18	Little Minds Learning Center	2640 Aschwin Blvd.				X	No	Z234	No	NA	No	No	Site has been stabilized to 70% coverage. No more inspections are needed.
3/13/18	Lincoln Middle School Athletic Field	1500 Charles St.			X		No	Z238	No	NA	NA	No	E.C.B. good throughout site. S.F. and logs good. I.P. not installed on 2nd Ave. or 12th St.
4/25/18	Lincoln Middle School Athletic Field	1500 Charles St.				X	No	Z238	No	NA	NA	No	E.C.B. good around site. Trackout good. Leaking water cutoff box found near construction entrance; water division contacted about issue. S.F. good throughout site, monitor North side S.F., sediment starting to build up. I.P. not needed on 2nd Ave. or 12th St.
5/10/18	Lincoln Middle School Athletic Field	1500 Charles St.				X	No	Z238	No	NA	NA	No	Perimeter of site stabilized; grass beginning to grow. S.F. removed from site. Wattle checks installed in NW corner of site. Wattle I.P. installed in NW corner at inlet. No trackout issues from site.

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6/25/18	Lincoln Middle School Athletic Field	1500 Charles St.				X	No	Z238	No	NA	NA	No	Site looks good, no issues at the time of the inspection.
7/11/18	Lincoln Middle School Athletic Field	1500 Charles St.				X	No	Z238	No	NA	NA	No	Need to stabilize the West side of property.
7/24/18	Lincoln Middle School Athletic Field	1500 Charles St.			X		No	Z238	No	NA	NA	No	Waiting for full 70% stabilization.
8/1/18	Lincoln Middle School Athletic Field	1500 Charles St.				X	No	Z238	No	NA	NA	No	Site is final stabilized with at least 70% uniform coverage. Inspections no longer needed.
3/28/18	Swedish American Mega Clinic	3333 North Bell School Road				X	Yes	Z268	Yes	04/13/18	Yes	No	The silt fence inlet protection that was installed in the detention basin in front of the outlet should be replaced with Culvert Inlet Protection.
5/4/18	Swedish American Mega Clinic	3333 North Bell School Road				X	Yes	Z268	Yes	04/13/18	Yes	No	Minor trackout issue. Landscaping on the North West side will start next week.
6/11/18	Swedish American Mega Clinic	3333 North Bell School Road			X		No	Z268	No	NA	Yes	No	No issues, site looks good.

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7/27/18	Swedish American Mega Clinic	3333 North Bell School Road				X	No	Z268	No	NA	Yes	No	Silt fence on the South side of the property needs to be repaired. Any inactive soil needs to be stabilized as well. The rest of the site looks good.
9/20/18	Swedish American Mega Clinic	3333 North Bell School Road				X	No	Z268	No	NA	Yes	No	Any inactive soil needs to be stabilized. The rest of the site looks good.
3/8/18	Kelly Williamson Mobil Jefferson St.	515 E. Jefferson St.			X		No	Z363	No	NA	NA	No	All storm sewer installed except for 2 North side inlets. S.F. good around site. No trackout issues. I.P. in place where needed. Washout good.
5/10/18	Kelly Williamson Mobil Jefferson St.	515 E. Jefferson St.				X	No	Z363	No	NA	NA	No	S.F. good around site. No trackout issues. I.P. in place where needed. Aiming to finish the second week of June.
6/7/18	Kelly Williamson Mobil Jefferson St.	515 E. Jefferson St.				X	No	Z363	No	NA	NA	No	Site looks good. No issues, landscape will start Monday.
7/23/18	Kelly Williamson Mobil Jefferson St.	515 E. Jefferson St.				X	No	Z363	No	NA	NA	No	Site looks good. No issues, final stabilization. Waiting for the inlet protection to be pulled.
3/7/18	Advanced Machine Building Addition	2500 Latham St.			X		No	Z456	No	NA	NA	No	S.F. good throughout site. All installed I.P. looks good. NW inlets w/drywell not installed yet. Washout was full but not in use.

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4/10/18	Advanced Machine Building Addition	2500 Latham St.				X	No	Z456	No	NA	Yes	No	Inlet protection is needed along the North side of the building. Everything else looks good.
5/10/18	Advanced Machine Building Addition	2500 Latham St.				X	No	Z456	No	NA	NA	No	S.F. good throughout site. All installed I.P. looks good. Aiming to finish in the beginning of June.
5/30/18	Advanced Machine Building Addition	2500 Latham St.			X		No	Z456	No	NA	NA	No	Site looks good. Currently working on the indoors.
6/28/18	Advanced Machine Building Addition	2500 Latham St.				X	No	Z456	No	NA	NA	No	S.F. good throughout site. I.P. installed in all inlets. Washout contained in gravel. No issues with site.
7/23/18	Advanced Machine Building Addition	2500 Latham St.			X		No	Z456	No	NA	NA	No	I.P. in place where needed. Asphalt parking lot being installed soon. Inactive soil needs stabilization soon.
8/21/18	Advanced Machine Building Addition	2500 Latham St.			X		No	Z456	Yes	09/04/18	NA	No	Site needs final stabilization. Landscaping currently taking place on site. Check back in 2 weeks for E.C.B. installation and I.P. removal.
9/5/18	Advanced Machine Building Addition	2500 Latham St.			X		No	Z456	Yes	09/19/18	NA	No	Landscaping is complete. I.P. still in place and should be removed when site is final stabilized. 70% uniform coverage not yet achieved. Check back in 2 weeks.

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9/17/18	Advanced Machine Building Addition	2500 Latham St.			X		No	Z456	Yes	10/01/18	NA	No	Further growth needed to reach 70% uniform coverage. Check back in 2 weeks.
10/11/18	Advanced Machine Building Addition	2500 Latham St.				X	No	Z456	No	NA	NA	No	Site is at 70% stabilization. No more inspections are needed. All BMPs can be removed.
4/5/18	Rockford Christian School	1401 Bell School Rd.				X	Yes	Z638	Yes	04/12/18	Yes	No	All S.F. installed correctly. Trackout was noticed on Bell School Rd; Ntrack will clean up track out. S.F. used for outlet control protection in detention basin. Spoke w/superintendent Tim Daley about issue. He will install culvert inlet protection per the SWPPP and Erosion Control details on the site plans.
5/7/18	Rockford Christian School	1401 Bell School Rd.				X	Yes	Z638	Yes	05/21/18	Yes	No	One minor S.F. repair needed on South side of site. Fabric I.P. needs to be replaced with catch baskets. S.F. in front of inlet pipes should be replaced w/wattles or similar BMP. Continue to monitor trackout from site.
5/29/18	Rockford Christian School	1401 Bell School Rd.			X		Yes	Z638	No	NA	NA	NA	Basin slopes can be stabilized is final grade complete.
6/11/18	Rockford Christian School	1401 Bell School Rd.			X		Yes	Z638	No	04/12/18	Yes	No	Site looks good, no issues.

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6/28/18	Rockford Christian School	1401 Bell School Rd.			X		No	Z638	Yes	07/03/18	Yes	No	Two areas on Bell School Road need to be restores where they tied into the water main. Tim said it would be done by 6/29/2018.
8/7/18	Rockford Christian School	1401 Bell School Rd.				X	No	Z638	No	NA	NA	NA	Site looks good. The North side is stabilized and currently working on the South side of the property doing vertical construction. The fabric in the inlets in the asphalt can be removed.
10/16/18	Rockford Christian School	1401 Bell School Rd.			X		No	Z638	No	NA	NA	NA	Joel took over for Tim. Everything on site looks good. All open tops have wattles around them. This project will continue through winter.
3/27/18	Strathmoor Extension Clearing	621 Roxbury Rd.				X	Yes	Z688	No	NA	NA	No	Clearing of extension is complete. Some downed trees still need to be hauled away. I.P. in place in OSF parking lot. No trackout issues. S.F. up in 1 area, more S.F. is onsite but has not been put up yet.
5/4/18	Strathmoor Extension Clearing	621 Roxbury Rd.			X		Yes	Z688	No	NA	NA	No	Clearing of extension is complete. I.P. in place in OSF parking lot. No trackout issues.
5/8/18	Strathmoor Extension Clearing	621 Roxbury Rd.	Yes		X		No	Z688	Yes	05/11/18	Yes	No	Complaint from adjacent owners about water flowing across property. Sire has been temp stabilized and seeding has not completely germinated. Silt fence was undercutting in area. Contractor repaired and added additional controls on 5/10/18

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8/27/18	Strathmoor Extension Clearing	621 Roxbury Rd.				X	No	Z688	No	NA	NA	No	Site stabilized w/at least 70% uniform coverage. I.P. in NW corner of OSF parking lot good. Ditch checks looked good. S.F. mostly good; a few minor areas could be trenched better but should not be an issue.
7/11/18	Walker Demolition	1520 Post Avenue				X	Yes	Z694	No	NA	NA	No	Just started the demo. One inlet in the parking lot, going to put a wattle in. Once asphalt is torn up, the street inlet protection and other BMPs will be put in place.
7/20/18	Walker Demolition	1520 Post Avenue			X		No	Z694	No	NA	NA	No	Construction exit is now installed.
8/2/18	Walker Demolition	1520 Post Avenue				X	No	Z694	No	NA	NA	No	Site looks good, no issues.
9/18/18	Walker Demolition	1520 Post Avenue			X		No	Z694	Yes	9/19/218	Yes	No	Track out on Sheridan, Post, and Boilvin Road. Got in contact with Kevin to get it swept up.
9/27/18	Walker Demolition	1520 Post Avenue			X		No	Z694	NA	NA	Yes	No	Silt fence is now around the entire site. Construction exits have now been removed. Currently getting ready to blanket the site.
11/20/18	Walker Demolition	1520 Post Avenue				X	No	Z694	NA	NA	No	No	Site is at 70% stabilization. No more inspections are needed. All BMPs can be removed.
4/10/18	Jaguar Land Rover Dealership	6677 E Riverside Blvd			X		Yes 4/10/18	Z805	Yes	04/18/18	Yes	No	Pre Grade - silt fence being installed, construction exit being installed. Job trailer not on site nor any SWPPP forms.

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4/18/18	Jaguar Land Rover Dealership	6677 E Riverside Blvd			X		No	Z805	No	NA	NA	No	Silt fence is installed. There is no trackout. Sediment was removed from the outfall on the North West corner of the site. The rest of the site looks good.
5/3/18	Jaguar Land Rover Dealership	6677 E Riverside Blvd				X	No	Z805	No	NA	NA	No	Site looks good. Currently working on the foundation.
5/31/18	Jaguar Land Rover Dealership	6677 E Riverside Blvd				X	No	Z805	Yes	NA	No	No	Site looks good, no issues.
6/11/18	Jaguar Land Rover Dealership	6677 E Riverside Blvd			X		No	Z805	No	NA	No	No	All BMPs looked good on site.
7/27/18	Jaguar Land Rover Dealership	6677 E Riverside Blvd				X	No	Z805	No	NA	No	No	Vertical construction continues. Building was recently tied into storm sewer. Existing storm sewer pipe has some sediment in it, waiting on rain to flush the pipe out.
8/28/18	Jaguar Land Rover Dealership	6677 E Riverside Blvd				X	No	Z805	Yes	09/11/18	Yes	No	Some bare soils with landscapers on site, inlet protection needs maintenance, and additional inlet protection needed south of new addition until final stabilization.
12/26/18	Jaguar Land Rover Dealership	6677 E Riverside Blvd				X	No	Z805	No	NA	No	No	Parking lot is complete. Work is being done inside now. Some areas are blanketed. Some areas still need to be stabilized.

2018 EROSION AND SEDIMENT CONTROL INSPECTION FREQUENCIES

JANUARY 1 – DECEMBER 31, 2018

<u>IEPA Permitted Site Name</u>	<u>Permit Number (ILR10)</u>	<u>Current Site Status (Active) (Inactive) (Not Started) (Final)</u>	<u>No Activity During Reporting Period</u>	<u>Total Number of Drive Through Inspections</u>	<u>Total Number of Full Inspections (During Construction Season)</u>	<u>Pre-Grading Inspections (if applicable)</u>
HAMPTON CROSSINGS SUBD	5804	I	X	NA	NA	NA
EMERSON ESTATES	7484	I	X	NA	NA	NA
BELL HARBOUR SUBDIVISION	7964	F	X	NA	NA	NA
Swedish American Riverwest Clinic.	AA03	A		3	3(3)	NA
CASEY'S GENERAL STORE	AC50	N	X	NA	NA	NA
RIVERSIDE BOULEVARD PARKING LOT IMPROVEMENTS	AD20	F		1	2(2)	NA
PRELIMINARY GRADING PLAN FOR GUILFORD CROSSINGS SUBDIVISION	AE66 & AA36	A		2	3(2)*	NA
Ekberg Pine Manor Park	AE74	F		2	1(1) Short Duration Project	NA
SWEDISH AMERICAN EDGEWATER MEDICAL CENTER	AF61	I		0	2(2)	1
New Industrial Building Linden Road Property	AF87	N	X	NA	NA	NA
Warehouse Expansion, Specialty Screw	AG61	A		0	2(2)	1
NW Cargo Building Expansion	AH04, AB51, Z202	A		1	2(2)	1

<u>IEPA Permitted Site Name</u>	<u>Permit Number (ILR10)</u>	<u>Current Site Status (Active) (Inactive) (Not Started) (Final Stab.)</u>	<u>No Activity During Reporting Period</u>	<u>Total Number of Drive Through Inspections</u>	<u>Total Number of Full Inspections (During Construction Season)</u>	<u>Pre-Grading Inspections (if applicable)</u>
Israel of God Church	AK35	A		2	2(1)**	NA
PMI Aerospace Improvements	AK62	N	X	NA	NA	NA
IDOT Contract 64B87, US 20 & IL Rte 2 Interchange Reconstruction	AM29	N	X	NA	NA	NA
Nelson School Demolition	AM77	N	X	NA	NA	NA
King Elementary Demolition	AM78	N	X	NA	NA	NA
Dennis School Demolition	AM79	N	X	NA	NA	NA
WESTLEY WILLOWS RETIRE PLAT 7 & PLAT 10 & Ph. 3	D336 & R782	A		6	4(2)	NA
FARM LAND CUTTING/STRIPPING	E678	I	X	NA	NA	NA
FAITH CENTER CHURCH	I988	I	X	NA	NA	NA
CANIS MAJOR SUBD	K586	I	X	NA	NA	NA
RMTD E SIDE TRANSFER CENTER	M035	F	X	NA	NA	NA
STATE STREET CENTR PARKING LOT	N718	F	X	NA	NA	NA
WESLEY WILLOWS PHASE 2	N723	F	X	NA	NA	NA
ROCKFORD SOLAR FARM	Q250	F	X	NA	NA	NA
HUFFMAN PROPERTY	Q339	A		8	4(3)	NA

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Rockford College Proposed Parking Lot	Q864	F	X	NA	NA	NA
FULLER CREEK REGIONAL FORCEMAIN	R614	F	X	NA	NA	NA
GUILFORD HIGH SCHOOL FIELD HOUSE ADDITION	S096	F	X	NA	NA	NA
PERRYVILLE PATH SE CONNECTION	S138	F	X	NA	NA	NA
AIRPORT PUMP STATION FORCEMAIN, PROJECT B	S426	F	X	NA	NA	NA
Alpine Hills Adventure Park	S600	F	X	NA	NA	NA
Sinnissippi Park Improvements 2014	S990	F	X	NA	NA	NA
PROPOSED IMPROVEMENTS FOR MECHANICAL INC.	T114	F	X	NA	NA	NA
DETENTION POND CONSTRUCTION IN PLAT 6 SPRINGCREEK CROSSING	T205	I	X	NA	NA	NA
RED DOT STORAGE SANDY HOLLOW U-STORE SUBDIVISION	T283	I	X	NA	NA	NA
911 Memorial Parking Lot	T499	F	X	NA	NA	NA
MKD Express Car Wash	T778	F	X	NA	NA	NA
SLIDEMATIC BUILDING ADDITION	T941	F	X	NA	NA	NA

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2RESIDENTIAL DEVELOPMENT AT BELLO RESERVE	T953	F	X	NA	NA	NA
WEST STATE CRUSADER CLINIC PARKING LOT RECONSTRUCTION	U108	F	X	NA	NA	NA
PROPOSED IMPROVEMENTS FOR LOT 115 OF BELLO RESERVE	U264	A		0	2(2)**	NA
SABROOKE PLAYGROUND IMPROVEMENTS	U473	F	X	NA	NA	NA
GRADING PLAN IN SECTION 01-43-1	U857	A		5	5(4)	NA
ROCKFORD-ZIOCK	V023	A		1	2(2)	1
Health Science Center - Mass Grading (Phase 1)	V030	F	X	NA	NA	NA
IL Route 2 (N. Main St.)	V340 & V965	A		2	2(2)	NA
Bell School Road and East State Street	V728	F	X	NA	NA	NA
Gregory School	W089	F	X	NA	NA	NA
SAINT ANTHONY'S BED TOWER PAVILION	W137	F		4	2(2)	NA
PROPOSED IMPROVEMENTS AT HARRISON AVE	W417	A		7	6(5)	NA
Harrison Avenue Roadway Improvements	W423	Terminated		1	2(2)	NA

<u>IEPA Permitted Site Name</u>	<u>Permit Number (ILR10)</u>	<u>Current Site Status (Active) (Inactive) (Not Started) (Final Stab.)</u>	<u>No Activity During Reporting Period</u>	<u>Total Number of Drive Through Inspections</u>	<u>Total Number of Full Inspections (During Construction Season)</u>	<u>Pre-Grading Inspections (if applicable)</u>
Crusader Community Health Clinic	W453	F	X	NA	NA	NA
MERCY ROCKFORD RIVERSIDE CAMPUS	W504	A		5	4(3)	NA
CARL PONDS FUNERAL HOME	W506	N	X	NA	NA	NA
PRAIRIE STREET BREWHOUSE PROPOSED OFFSITE PARKING	W541	N	X	NA	NA	NA
Nashold Elementary School	W581	F	X	NA	NA	NA
FedEx Rockford Shop Building Construction and Equipment Yard Expansion	W839	Terminated		4	3(3)	NA
DUNKIN DONUTS	X125	F	X	NA	NA	NA
SITE IMPROVEMENTS, Dayton Freight	X456	F	X	NA	NA	NA
FISHER HASKELL SANITARY SEWER EXTENSION ASSESS 127	X478	F	X	NA	NA	NA
CONTRACT 4258 ISTHA ROCKFORD M-7 MAINTENANCE FACILITY RECONSTRUCTION	X557	A		1	5(4)	NA
AUBURN HIGH SCHOOL SOFTBALL FIELD	X595	N	X	NA	NA	NA
FLINN MIDDLE SCHOOL MULTI-USE BALL FIELD	X671	N	X	NA	NA	NA
Kishwaukee School	X739	A		5	6(5)	NA

<u>IEPA Permitted Site Name</u>	<u>Permit Number (ILR10)</u>	<u>Current Site Status (Active) (Inactive) (Not Started) (Final Stab.)</u>	<u>No Activity During Reporting Period</u>	<u>Total Number of Drive Through Inspections</u>	<u>Total Number of Full Inspections (During Construction Season)</u>	<u>Pre-Grading Inspections (if applicable)</u>
FAMILY DOLLAR	X898	F		2	1(1)**	NA
MERCY WAY	X943	A		3	3(2)	NA
La-Z-Boy Showroom	Y251	F	X	NA	NA	NA
Van Matre Healthsouth Parking Lot Improvements	Y589	N	X	NA	NA	NA
Shiloh Rd. Extension	Y655	Terminated		0	2(2)	
Carlson Elementary	Y860	F		3	6(5)	NA
Clock Tower Property	Y965	I		5	6(5)	NA
ROCKFORD BANK & TRUST PAVILION AT ALDEEN GOLF CLUB	Y999	Terminated		4	3(2)	NA
MERCYHEALTH MULFORD CLINIC	Z124	N	X	NA	NA	NA
Swedish American Downtown Campus	Z189	A		0	2(2)	1
LINCOLN MIDDLE SCHOOL ATHLETIC FIELD AND HOUSING DEMOLITION	Z238	Terminated		2	5(4)	NA
Swedish American Hospital Systems Mega Clinic	Z268	A		1	5(3)	NA
LITTLE MINDS LEARNING CENTER	Z324	F		2	5(3)	NA
Kelley Williamson Redevelopment	Z363	Terminated		1	4(3)	NA
Building Addition for Advanced Machine & Engineering Co.	Z456	Terminated		6	4(3)	NA

<u>IEPA Permitted Site Name</u>	<u>Permit Number (ILR10)</u>	<u>Current Site Status</u> (<u>A</u> ctive) (<u>I</u> nactive) (<u>N</u> ot Started) (<u>F</u> inal Stab.)	<u>No Activity During Reporting Period</u>	<u>Total Number of Drive Through Inspections</u>	<u>Total Number of Full Inspections (During Construction Season)</u>	<u>Pre-Grading Inspections (if applicable)</u>
Rockford Christian School	Z638	A		4	3(2)	NA
Strathmoor Extension Clearing	Z688	Terminated		3	4(3)	NA
WALKER ELEMENTARY SCHOOL	Z694	F		4	5(5)	NA
New Milford School	Z731	N	X	NA	NA	NA
Jaguar Land Rover Dealership	Z805	Terminated		1	7(4)	NA
AC Thompson Elementary School	Z892	N	X	NA	NA	NA

APPENDIX H
(CITY OF ROCKFORD STAFF TRAINING)

2018 City of Rockford Staff Training				
Name of Course	Date(s)	Sponsor/Presenter	City Staff	Hours
SWMP Course #1 - Overview	2/7/2018	Ryan Lundberg	Brad Holcomb, Dean Kurth, Rick Runblade, Jeremy Mitchell, Samantha Futrell, Rachel Benson	1
SWMP Course #2 - IHRI	2/14/2018	Ryan Lundberg	Brad Holcomb, Dean Kurth, Rick Runblade, Jeremy Mitchell, Samantha Futrell, Rachel Benson	1
SWMP Course #3 - IDDE	2/21/2018	Ryan Lundberg	Brad Holcomb, Dean Kurth, Rick Runblade, Jeremy Mitchell, Samantha Futrell, Rachel Benson	1
Quad City Stormwater Conference	2/22/2018	Several	Brad Holcomb, Dean Kurth, Jeremy Mitchell, Samantha Futrell, Ryan Lundberg	3.75
USACOE Flood Risk Management Outreach Meeting	2/22/2018	USACOE	Dean Kurth, Ryan Lundberg	2
SWMP Course #4 - ROW & Drainageway	2/28/2018	Brad Holcomb	Ryan Lundberg, Rick Runblade, Jeremy Mitchell, Samantha Futrell, Rachel Benson	1
Green Alleys: Innovative Approach to Stormwater Management	3/7/2018	Sustainable City Network, City of Dubuque	Brad Holcomb, Dean Kurth, Ryan Lundberg, Jeremy Mitchell, Rick Rundblade	1
AutoCAD 2018 Level 1	March 1-2, 8-9, 2018	AUTODESK	Ryan Lundberg, Rick Runblade	32
Winnebago/Boone County SWCD Erosion and Sediment Control Workshop	3/14/2015	Winnebago & Boone County SWCD	Brad Holcomb (presenter), Dean Kurth, Rick Rundblade, Jeremy Mitchell, Samantha Futrell, Rachel Benson, Michael Roscoe, Austin Crull, Jordan Masemore, Patty Williams, Justin Emerson, Alecia Stepler	4
Outfall Inspection Training on Kent Creek & Rock River (in field)	3/14/2018	Ryan Lundberg	Jeremy Mitchell, Samantha Futrell	2
Sampling Sites - Stormsewer (in field)	3/20/2018	Ryan Lundberg	Jeremy Mitchell, Samantha Futrell	2
SWMP Course # 5 Flooding and Floodplains	3/21/2018	Ryan Lundberg	Brad Holcomb, Jeremy Mitchell, Samantha Futrell, Ryan Lundberg	1

Name of Course	Date(s)	Sponsor/Presenter	City Staff	Hours
SWMP Course # 6 Construction Inspections	3/28/2018	Ryan Lundberg	Brad Holcomb, Dean Kurth, Ryan Lundberg, Jeremy Mitchell, Rick Rundblade	1
SWMP Course # 7 Enforcement	4/4/2018	Ryan Lundberg	Brad Holcomb, Dean Kurth, Rick Runblade, Jeremy Mitchell, Samantha Futrell, Rachel Benson	1
Strategies for Construction Site Compliance in Your MS4 (Webinar)	4/6/2018	Forester University	Brad Holcomb, Dean Kurth, Rick Runblade, Jeremy Mitchell, Samantha Futrell, Ryan Lundberg	1
2018 Midwest Preparednes & Response Conference	4/17-18/2018	Winnebago County LEPC	Brad Holcomb	8
Permeable Paver Workshop	4/18/2018	Illinois Department of Transportation	Ryan Lundberg, Jeremy Mitchell, Austin Crull	5
Sampling Procedures & Pitfalls (Webinar)	4/19/2018	Forester University	Brad Holcomb, Dean Kurth, Rick Runblade, Jeremy Mitchell, Samantha Futrell, Ryan Lundberg	1
Erosion Control Technical Seminar	5/9/2018	Contech, Hanes Geo Components, IECA, Great Lakes Ch., North Amer. Green	Brad Holcomb, Dean Kurth, Jeremy Mitchel, Samantha Futrell	4
Managing Floodplain Development Through NFIP	05/7-10/2018	FEMA	Ryan Lundberg	32
Safety Foundations, OSHA 10 Hour training	05/15-16/18	Fehr Graham	Jeremy Mitchell, Samantha Futrell	10
NPDES Writing Training - Overview	9/5/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Jeremy Mitchel, Samantha Futrell	1
NPDES Writing Training - NPDES Scope and Framework	9/19/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Jeremy Mitchel, Samantha Futrell	1
NPDES Writing Training - TBEL for POTW's	10/3/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Rick Runblade Jeremy Mitchel, Samantha Futrell	1

Name of Course	Date(s)	Sponsor/Presenter	City Staff	Hours
NPDES Writing Training - Application Process	10/10/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Rick Runblade Jeremy Mitchel, Samantha Futrell	1
NPDES Writing Training - TBEL for non POTW's	10/17/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Rick Runblade Jeremy Mitchel, Samantha Futrell	1
NPDES Writing Training - Identifying Applicable Water Quality Standards	10/24/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Jeremy Mitchel, Samantha Futrell	1
ICS 100 - Intro to Incident Command System	11/1/2018	FEMA	Sam Futrell, Jeremy Mitchell	1
ICS 200 - Single Resource & Initial Action Incident	11/6/2018	FEMA	Sam Futrell, Jeremy Mitchell	1
NPDES Writing Training - WQBELs Part II - Characterizing the Effluent and Receiving Waters	11/7/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb,Rick Runblade, Jeremy Mitchel, Samantha Futrell	1
ICS 700 - An Introduction to the National Incident Management System	11/9/2018	FEMA	Sam Futrell, Jeremy Mitchell	1
NPDES Writing Training - Monitoring and Reporting	11/28/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Rick Runblade Jeremy Mitchel, Samantha Futrell	1
NPDES Writing Training - Special or Narrative Conditions	12/5/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Rick Runblade Jeremy Mitchel, Samantha Futrell	1
NPDES Writing Training - Standard Conditions	12/12/2018	Ryan Lundberg / online tutorial thru EPA	Brad Holcomb, Dean Kurth, Rick Runblade Jeremy Mitchel, Samantha Futrell	1

APPENDIX I
(ILLICIT DISCHARGE DETECTION AND ELIMINATION INVESTIGATIONS)

2018 Illicit Discharge Detection and Elimination Investigations																	
<u>NO.</u>	<u>Continue Field Obs</u>	<u>Date Received</u>	<u>Date Investigation Initiated</u>	<u>Date Closed</u>	<u>Address</u>	<u>Location Description</u>	<u>(Res)idential (Com)mercial (Ind)ustrial (Con)struction (ROW) (O)ther</u>	<u>Type of Discharge Reported - Observed</u>	<u>Source of Notification</u>	<u>Sample Tested</u>	<u>Was Source Determined?</u>	<u>Submit to Code Enforcement</u>	<u>Notes</u>	<u>Illicit</u>	<u>Non-Illicit</u>	<u>Not Determined</u>	<u>Under Investigation</u>
2015-ID-15	X	NA	6/9/2015		4664 N Rockton Ave	Marshall School	O	End of season swimming pool draining.	COR - Rockford Public Schools	None	Yes	No	Pre-arranged discharge of pool to determine if water enters storm system or sanitary system. This schools discharge was found to enter the schools private storm system which discharges into wooded area. Travels a distance and into tributary. Discharge was chlorine tested in tributary and none detected. School District working to de-chlorinate discharges.	X			X
2015-ID-16	X	NA	6/10/2015		3615 W Gate Pkwy	Rolling Green School	O	End of season swimming pool draining.	COR - Rockford Public Schools	None	Yes	No	Pre-arranged discharge of pool to determine if water enters storm system or sanitary system. This schools discharge was found to enter the schools private storm system which discharges into the City's storm system. Flows a distance and daylight into open conc. ditch system. Chlorine was 2.5 ppm at school discharge and was 0.3 ppm at open conc. channel. School District working to de-chlorinate discharges.	X			X
2016-ID-02	X		11/13/2015		2929 Charles St	East High School	O	Chlorinated Pool Discharge		None	No	No	Suspected discharge into storm system. Discharge location has not been confirmed yet. Working with School District for confirmation and resolution.			X	X
2016-ID-03	X		11/13/2015		1500 Charles St	Lincoln School	O	Chlorinated Pool Discharge		None	No	No	Suspected discharge into storm system. Discharge location has not been confirmed yet. Working with School District for confirmation and resolution.			X	X
2016-ID-11	X	4/14/2016	4/14/2016		Liebovich Bros.	Outfall #85	Ind	Clear Flow from Outfall	COR - Ryan Lundberg (Outfall/Creek Walk)	Ammonia, Chlorine: Neg. Fluoride: 0.8 mg/L	No	No	This is being followed through under Industrial Program. Trickle observed 7/14/16 not enough for determination. Intermittent low flows, possible sprinkler system.			X	X

<u>NO.</u>	<u>Continue Field Obs</u>	<u>Date Received</u>	<u>Date Investigation Initiated</u>	<u>Date Closed</u>	<u>Address</u>	<u>Location Description</u>	<u>(Res)idential (Com)mercial (Ind)ustrial (Con)struction (ROW) (O)ther</u>	<u>Type of Discharge Reported - Observed</u>	<u>Source of Notification</u>	<u>Sample Tested</u>	<u>Was Source Determined?</u>	<u>Submit to Code Enforcement</u>	<u>Notes</u>	<u>Illicit</u>	<u>Non-Illicit</u>	<u>Not Determined</u>	<u>Under Investigation</u>
2016-ID-15		4/20/2016	4/20/2016	4/24/2017	2708 22nd St	Outfall #737	Com	Clear Flow from Outfall	COR - Warren Stahl (Outfall/Creek Walk)	None	No	No	Rescue Mission parking lot drainage. Water entering structure through walls underground. Deemed ground water.			X	
2016-ID-30	X	10/4/2016	10/4/2016	6/18/2018	2929 Sunnyside Dr.	The Cloister's	Com	Asphalt in Creek	Citizen Complaint	None	Yes	No	Asphalt being dumped in Howard Creek by contractor doing work on the property. Talked to representative of property and instructed them to remove material and to no longer place material in creek without a permit.	X			
2016-ID-32	X	10/17/2016	10/17/2016		1108 S. Main St.		Com	Grease Dumped in Inlet	RRWRD - Warren Stahl	None	No	No	Upon review it was confirmed grease was being dumped in the inlet. Though 3 properties were warned in 2011 about not dumping in the inlet we were unable to confirm which was the guilty party. Additional investigation will be needed to determine who is responsible.	X			X
2016-ID-36		12/29/2016	12/30/2016	1/9/2017	6102 Mulford Village Dr.	Parking Lot	Other	salt pile discharging into storm inlet	Thaddeus Mack - CED	None	Yes	No	Salt was washing into the storm inlet. A notice was sent to the property owners to correct by extending the containment area on the downslope side. 1/9/2017 - Additional containment has been added.	X			
2017-ID-1		1/12/2017	1/12/2017	6/19/2018	19XX S. Pierpont Ave	William Charles Quarry & Ag Field	Ind	Sediment Sheet Flow	Rockford Park District	None	Yes	No	Sediment laden run off into Levings Lake from the Quarry. Ultimately it was found that 90% of the sediment was from an agricultural field upstream of the quarry. Contacted the Soil & Water Conservation District to contact owner for possible solutions.	X			
2017-ID-5	X	4/3/2017	4/3/2017	6/20/2017	601 Albert Ave		Res	Paint	Rob Wilhelmi - COR	None	Yes	ORD20171208	Paint was dumped in gutter line. Sent directly to Code Enforcement.	X			

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2017-ID-6		4/18/2017	4/18/2017	6/27/2018	1310 Preston	Outside Storage of Plastic Totes	Ind	Leaking Paint Residue	Rob Wilhelmi - COR	None	Yes	Yes	Outside storage of plastic totes some with residue of paint and possibly other materials. IEPA was called in and is completing their own investigation. This has been sent to Code Enforcement and will be followed through under the industrial highrisk runoff inspection program.	X			
2018-ID-1		1/5/2018	1/5/2018	1/5/2018	Boeing Dr.	Delta Power Hydraulic Co.	Ind	Clear flow, no rain event	COR - Jeremy Mitchell (Storm Sewer Inventory)	None	Yes	No	While doing storm sewer inventory on 1/5/2018 a discharge was found in the storm sewer along Boeing Dr. Upon investigation the discharge was tracked to 4484 Boeing Dr., the Delta Power Hydraulic Co. This company holds an IEPA General Permit which allows discharge of water into the storm sewer. This investigation is now closed.		X		
2018-ID-2		1/9/2018	1/9/2018	1/29/2018	957 Indian Terr.	Inlet in front of residence	Res	Carpet Cleaning Discharge	Citizen Complaint	None	No	No	Homeowner reported a carpet cleaning van discharging liquid into the storm sewer inlet on Indian Terrace before Thanksgiving 2017 to the USEPA. The USEPA contacted the regional IEPA office in Rockford who forwarded the complaint to us on 1/9/2018. No evidence of a discharge was found at the storm inlet or at the outfall along the Rock River. 1/29/2018-No further response from complainant & license plates were not in system. Closing investigation.			X	
2018-ID-3	X	3/22/2018	3/23/2018	3/23/2018	Outfall 65	Kent Creek near Cedar and Tay	Other	Clear flow, no rain event	COR - Jeremy Mitchell Samantha Futrell (Outfall Inspections)	Yes Fluoride 0.8 Chlorine 0.0	No	No	Clear moderate flow noticed at Outfall 65. Followed flow north to MH, and again to MH north where flow disappeared. City to video camera pipe to narrow down location, possible water main leak.			X	

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2018-ID-4	X	3/29/2018	3/29/2018	5/23/2018	411 Blackhawk Park Ave (Gunite)	Harrison Ave & Olson St	Com	oily, opaque discharge ponding at outfall	COR - Jeremy Mitchell Samantha Futrell (Outfall Inspections)	Yes	No	No	Ponding pollution at outfall 1319, suspected Industrial site upstream. Investigated discharge point into storm sewer system looked clear. Sample taken at discharge point to RRWRD lab to be analyzed (non-conclusive). Consultant tested - no connection found btwn discharge & pond.	X			
2018-ID-5		3/30/2018	3/30/2018	7/2/2018	3236 Windsong	Inlet in front of residence	Res	White staining on pavement and in inlet	COR - Street Dept. Employee	None	Yes	Yes	Appears construction material was cleaned or dumped into an inlet special in front of address. Staining leads into the inlet structure, through downstream pipe and disappears at downstream inlet structure. Construction company sign in front indicated recent tile work done. Fined \$100	X			
2018-ID-6		4/3/2018	4/3/2018	4/3/2018	4815 Creek View Rd	Apt. Complex	Res	Trash and debris in stream and on bank	COR - Rob Wilhelmi	None	Yes	Yes	Met on site with Code Enforcement, lots of trash and debris in stream and along the banks. Ordinance violations will be added to Code Enforcement case against property owner.	X			
2018-ID-7		4/12/2018	4/13/2018	4/13/2018	Outfall 134	Underneath School St. bridge @ Kent Creek	ROW	Clear flow, no rain event	COR - Jeremy Mitchell Samantha Futrell (Outfall Inspections)	Yes Fluoride 0.6 Chlorine 0.0	No	No	Clear moderate flow noticed at Outfall 134. Sample results indicated City water leak.		X		
2018-ID-8		4/20/2018	4/20/2018	4/23/2018	412 18th Ave	Brynof Manufacturing	Ind	Hydrolic Oil	Brynof Manufacturing	None	Yes	No	Upon arrival oil was on the concrete of a loading dock with booms & dirt placed to dam and soak up the product. The loading dock had a drain at the bottom but was plugged with debris to which the product did not drain away. With that no product entered the storm system and clean up was actively taking place. Verified area cleaned up.	X			

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2018-ID-9		4/25/2018	4/25/2018	5/24/2018	625 N. Rockford Ave.	Street in front of residence	Res	Motor Oil	Resident-David Hanson 610 N. Rockford Ave.	None	Yes	No	Vehicle leaking oil onto the street. Upon investigation it was determined that an older model vehical was actively leaking oil onto the street. We spoke to the owner of the vehicle and the area of concern was cleaned and vehicle no longer appeared to have active leak.	X			
2018-ID-10		5/25/2018	5/25/2018	6/15/2018	Dahlquist Park	Keith Creek @ Dahlquist Park	Other	Reported foam / sheen on surface	Citizen call to Fire Department to Street Dept.	None	No	No	Possible chemical release into Keith Creek adjacent to Dahlquist Park. It appeared to be in a normal condition. IEPA was also alerted and additional follow-up inspections were completed with no evidence. Complainants were contacted one didn't return calls and the other couldn't remember date they saw it. Case is closed and IEPA was notified.			X	
2018-ID-11		5/31/2018	5/31/2018	6/27/2018	2922 Carefree Drive	Inlet in front of residence	Res	White staining on pavement and in inlet	COR-Samantha Futrell	None	No	Yes	Appears construction material was dumped down the storm inlet special. White/gray staining on pavement in front of inlet and into storm inlet. Driveway next to the inlet was recently done and had a contractor's stamp in the driveway. Enforcement dismissed, not enough convicting evidence.	X			
2018-ID-12		6/5/2018	6/5/2018	6/11/2018	1802 Rural St	Rural St and N Gardiner 700 inlet	Res	Clear flow, no rain event	COR-Ryan Lundberg	Yes, Fluoride is 0.80	Yes	No	Clear flow found while doing storm sewer inventory at Rural St and N Gardiner. Sample results indicated City water leak.		X		
2018-ID-13		7/11/2018	7/12/2018	10/22/2018	outfall 497	Keith Creek @ S Alpine Rd	Com	Clear flow, no rain event	COR-Jeremy Mitchell Sam Futrell	Chlorine nearest source 2.3 mg/L	Yes		Found flow at outfall 497, tracked source to Alpine Pool. Contacted the Park District, they said a broken valve was source, will fix in off season.	X			
2018-ID-14		7/26/2018	7/26/2018	7/27/2018	outfall 318	Hemlock Ln & Thornwood Dr	Res	Clear flow, no rain event	COR-Jeremy Mitchell Sam Futrell	Yes, Fluoride is 0.40	Yes	No	Clear flow found while doing oufall inspections on 7/26/18. Tracked to Hemlock and Thornwood - water infiltrating multiple pipes leading into Storm MH. Sent over to Water Div. for further leak detection.		X		

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2018-ID-15		7/26/2018	7/26/2018	7/27/2018	outfall 323	4322 Maray Dr	Res	Clear flow, no rain event	COR-Jeremy Mitchell Sam Futrell	Yes, Fluoride is 0.60	Yes	No	Clear flow found while doing oufall inspections. Tracked to address, water infiltrating storm pipe leading to oufall. Sent over to Water for further leak detection investigation.		X		
2018-ID-16		8/14/2018	8/14/2018	9/18/2018	2312 9th St.	Curblin in front of 2312 9th St.	Res	White staining and fresh white primer in curb line	COR-Jeremy Mitchell Sam Futrell	None	Yes		Paint was dumped in curblin. Empty buckets of fresh primer were out with the garbage at adjacent address. We attempted to knock on the door but no one answered. City attempted clean up.	X			
2018-ID-17		9/10/2018	9/10/2018	9/11/2018	207 Peoples Avenue	Curblin	Com	Motor oil	COR-Sam Futrell Jeremy Mitchell	None	Yes	No	Came upon the oil spill in roadway. City put down oil dry. Talked to the salvage company and they cleaned it up next day.	X			
2018-ID-18		9/10/2018	9/10/2018	9/11/2018	408 E. State St.	Alley behind Woodfire Pizza	Com	Grease	COR-Sam Futrell Jeremy Mitchell	None	Yes		Grease flowing in alley behind restaurent from dumpster. Restaurent was aware attempted to clean it up & has now contacted the contractor to clean up the alley.	X			
2018-ID-19		9/11/2018	9/11/2018	9/17/2018	3301 N Mulford Rd	RVC	Com	None	IEPA - Maureen Brehmer	None	Yes	No	Possible pesticide discharge into floor drain. Drain goes to sanitary sewer and not storm sewer.		X		
2018-ID-20		9/24/2018	9/24/2018	10/16/2018	outfall 958	2211 Colorado Buckbee Drainageway	Res	Clear flow, no rain event	COR-Ryan Lundberg Sam Futrell	Yes, no Fluoride nor Cholrine	Yes	No	Clear flow found while doing oufall inspections. Tracked to Florida Dr and Eastmoreland Ave where it comes from the south pipe. Sent over to Water for further leak detection investigation and Harry for video investigation. Determind to be groundwater.		X		

<u>NO.</u>	<u>Continue Field Obs</u>	<u>Date Received</u>	<u>Date Investigation Initiated</u>	<u>Date Closed</u>	<u>Address</u>	<u>Location Description</u>	<u>(Res)idential (Com)mercial (Ind)ustrial (Con)struction (ROW) (O)ther</u>	<u>Type of Discharge Reported - Observed</u>	<u>Source of Notification</u>	<u>Sample Tested</u>	<u>Was Source Determined?</u>	<u>Submit to Code Enforcement</u>	<u>Notes</u>	<u>Illicit</u>	<u>Non-Illicit</u>	<u>Not Determined</u>	<u>Under Investigation</u>
2018-ID-21		10/3/2018	10/10/2018	10/22/2018	3012 Wallin	Inside building	Com	Plating chemicals (various)	Rob Wilhelmi - COR	Yes, pH levels were normal	Yes	No	Site reported to SWET by Rob who also informed EPA. USEPA has initiated clean-up and enforcement. Interior has many barrels some of which are leaking and exposed to rainwater. 10/12/18 - Administrative Court order granted to enter site in order to evaluate and contain material onsite. USEPA is seeking Fedearl Warrant to remove materials from site. Owner cannot be located. Cyanide was removed from site by licensed contractor on 10/10/18.	X			
2018-ID-22		10/12/2018	10/12/2018	10/13/2018	1422 5th Ave.	Yard	Res	Report of person dumping substance in yard	Gerrod Walker	None	No	No	Mr. Walker filed a complaint with IEPA that someone was dumping antifreeze in the yard and drove away. Said he had video. BH, SF & JM viewed the video and felt the material being dumped from container was water, perhaps after rinsing. BH went to site and did not find any indicators that anything, other than water, was dumped on the ground.		X		
2018-ID-23		10/17/2018	10/17/2018	10/17/2018	2318 Skokie Dr.	700 inlet on corner of Skokie and Florence	Res	Report of person pouring oil into inlet	COR-Jeremy Mitchell Sam Futrell	None	Yes	No	Report of resident pouring oil into inlet. We arrived and found resident working on his vehicle. He admitted to pouring the oil into the inlet. We asked him to clean it up and he immediately cleaned off the grate and also pulled the grate off and cleaned inside the inlet.	X			
2018-ID-24		10/25/2018	10/25/2018	10/26/2018	501 E. State St.	Curblin on West side of Vintage	Com	Grease	COR-Jeremy Mitchell	None	Yes	No	Noticed grease pooled on roof and along curblin on East side of 2nd St. next to Vintage. Spoke with owner who informed me that the kitchen hoods had been cleaned the night before. The owner said he will contact the company that cleaned the hoods to come back and clean up the grease. We put Oil Dri on the grease on the curblin till it could be cleaned up. All grease cleaned up on 10/26/2018.	X			

<u>NO.</u>	<u>Continue Field Obs</u>	<u>Date Received</u>	<u>Date Investigation Initiated</u>	<u>Date Closed</u>	<u>Address</u>	<u>Location Description</u>	<u>(Res)idential (Com)mercial (Ind)ustrial (Con)struction (ROW) (O)ther</u>	<u>Type of Discharge Reported - Observed</u>	<u>Source of Notification</u>	<u>Sample Tested</u>	<u>Was Source Determined?</u>	<u>Submit to Code Enforcement</u>	<u>Notes</u>	<u>Illicit</u>	<u>Non-Illicit</u>	<u>Not Determined</u>	<u>Under Investigation</u>
2018-ID-25		10/30/2018	10/30/2018	10/30/2018	223 N. 3rd St.	Parking Lot	Com	Paint chips	Rob Wilhelmi - COR	None	Yes	No	Pressure washing paint off building, flows went out to curb line. City provided basket for inlet, they also placed sand bags to let paint settle down before entering curb line.	X			
2018-ID-26		11/27/2018	11/28/2018	11/28/2018	2642 Charles St.	Parking Lot	Com	Parking Lot Snow	COR-Jeremy Mitchell	None	Yes	No	On 11/28/2018 the Stormwater division conducted a follow up investigation based on a report of snow being dumped into Keith Creek by Bel Rock Asphalt Paving, Inc. During our investigation we observed multiple piles of parking lot snow that had been dumped into Keith Creek at various locations adjacent to the Schnucks parking lot at 2642 Charles St.		X		

APPENDIX J
(INDUSTRIAL HIGH RISK RUNOFF INSPECTIONS)

<u>Date</u>	<u>Company/Permit # ILR00</u>	<u>Priority Ranking</u>	<u>Inspection Initiated From</u>	<u>Address/Location</u>	<u>SIC Code</u>	<u>Follow-up needed (Yes/No)</u>	<u>Date of Follow-up (if needed)</u>	<u>Corrective Actions Addressed (Yes/No/NA)</u>	<u>Submit to Code Enforcement (Yes/No)</u>	<u>Notes</u>
1/3/18	Fiberglass Innovations	Medium	Random	440 Blackhawk Park Ave.	3089	Yes	1/24/18	Yes	No	Overall site is very clean. All chemicals used in manufacturing stored in secondary containment w/spill prevention & cleanup nearby. Facility qualifies for No Exposure. I recommended plugging all floor drains in the facility. Received No Exposure app 1/24/18.
1/4/18	Kryder Wood Products	High	Random	5150 8th St.	2448	Yes	3/5/18	Yes	No	Waste sawdust is collected and kept in a covered dumpster for disposal. Owner has a large uncovered scrap metal bin outside of his facility. He will get rid of the bin in order to qualify for a No Exposure exemption. Received No Exposure app 3/5/18.
1/5/18	Mobil Gas Station Kelly Williamson	Medium	Random	1621 / 1635 Sandy Hollow Rd	5541	No	NA	NA	No	Site is clean, car wash with underground separator. Shared MS4 info with manager.
1/9/18	Schmeling Building Supply	Medium	Random	1031 School St.	2431	Yes	1/9/18	Yes	No	Most of facility used for retail lumber sales/storage. Facility has 1 building for custom millwork. Sawdust collected in covered bin for offsite disposal. Facility qualifies for No Exposure exemption. Received No Exposure App 1/9/18.

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1/10/18	Sems and Specials	High	Random	6483 Falcon Rd.	3452	Yes	2/9/18	Yes	No	Site is very clean. All chemicals used for manufacturing stored in secondary containment. Process water stored for offsite disposal. Facility has uncovered scrap metal dumpster. Owner is purchasing a cover in order to qualify for No Exposure exemption. Received No Exposure App 2/9/18.
1/11/18	Pro Chem, Inc.	High	Random	826 Roosevelt Rd.	2819	Yes	5/10/18	Yes	No	Site is clean with zero discharges. Chemical manufacturing occurs in one building on the site designed to contain and spills from leaving the site. All chemicals used in production and final products have secondary containment. Facility qualifies for No Exposure exemption. Received No Exposure App on 5/10/18.
1/12/18	Illinois Iron Inc.	High	Random	516 16th Ave.	3446	Yes	3/23/18	Yes	No	Facility does not use any liquids for production or store any liquids on site. Floor drains in the building have been covered by cement/plugged. Metal scrap stored indoors for offsite disposal. Facility qualifies for No Exposure exemption. Received No Exposure App on 3/23/18.

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1/16/18	425 Manufacturing	High	Random	5004 27th Ave.	3599	Yes	1/25/18	Yes	No	Facility uses small quantities of oil/coolant in manufacturing. Used oil/coolant stored in large tote for offsite disposal. No floor drains inside facility. Facility has an uncovered chip dumpster on backside of building. Owner is aware that the bin needs to be covered in order to qualify for No Exposure exemption. Received No Exposure App 1/25/18
1/19/18	K's Cleaners	Medium	Random	6913 E. State St.	7216	No	NA	NA	No	Perchloroethylene is contained/recycled for 6 months in dry cleaning machine. Perc & filters collected in secondary containment stored on top of spill collection pallet, sent offsite for disposal. Wash water discharged to sanitary sewer.
2/5/18	Davig's Custom Cleaners	Medium	Random	2625 Mulford Rd.	7216	No	NA	NA	No	Facility uses DrySolv instead of Perc. Solvent is used in a contained system. Waste solvent and filters are stored in secondary containment for offsite disposal. DrySolv and waste solvent/filters are stored on a spill containment pallet. Wash water discharged to sanitary sewer.

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2/6/18	McCleanders	Medium	Random	5641 Wansford Way	7216	No	NA	NA	No	Facility uses Perc in a contained system. Spent perc and waste filers are stored in secondary containment for offsite disposal. Wash water is discharged to the sanitary sewer.
2/7/18	TecM	High	Random	2932 Eastrock Dr.	3542	No	NA	NA	No	Overall site is clean. Waste oil/coolant stored in labeled totes for offsite disposal. Spill prevention measures in place. No material stores outside. Facility qualifies for no exposure exemption. Received No Exposure App 2/7/18.
2/13/18	Rockford Constant Velocity	Medium	Random	1500 11th Ave.	3714	Yes	5/1/18	Yes	No	Overall site was clean with zero discharges. Hydraulic fluid & grease used in manufacturing stored in secondary containment. Waste fluids sent offsite for disposal. Scrap dumpster uncovered outside facility. Owner will remove dumpster in order to qualify for No Exposure exemption. Received No Exposure App on 5/1/18.

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2/14/18	Barnes International Inc.	High	Random	814 Chestnut Street	3569	No	NA	NA	No	Facility has Individual Permit & SWPPP. Facility has boiler blowdown and is discharged to outside into grass by Kent Creek. Spill cleanup kits and spill containment pallets needed. Waste liquids stored for off-site disposal. Rust inhibitors discharged to sanitary monthly.
2/14/18	Cincinnati Tools & Steel Co.	High	Random	5190 28th Avenue	3541	Yes	5/17/18	Yes	No	Facility stores raw material & scrap metal outside and will need an IEPA General permit & SWPPP. Liquid waste needs to be labeled but is stored for offsite disposal. No spill prevention/cleanup measures in place. Water draining to storm inlet near bldg. 5 had oil sheen on it. Multiple corrections needed at this facility. A follow up inspection will need to be done. SWPPP and NOI submitted to IEPA on 5/17/18.
2/15/18	Circle Boring and Machine Company	High	Random	3161 Forest View Road	3541	No	NA	NA	No	Overall facility is clean. Had cast iron and scrap metal outside. Quarterly monitoring performed at the storm inlet behind the building. Liquids for manufacturing stored in secondary containment.

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2/15/18	Forgings & Stampings	High	Random	1025 23rd Avenue	3462	No	NA	NA	No	Overall, the facility was clean. At the outside dumpster there metal chips on the ground. They were unable to do quarterly sampling because they do have a storm inlet on their property. We recommended sampling from sheet flow leaving the site during a rain event.
2/16/18	Estwing Manufacturing Co.	High	Random	2647 8th Street	3423	Yes	5/16/18	Yes	No	The facility was clean. All chemicals were labeled on the containers. Recommended that they install witches hat I.P. into the storm inlet to collect all of the manufacturing scale. Sampling drain is at the South West end of the lot.
2/21/01	Flow Eze Company	Medium	Random	3209 Auburn Street	2752, 2759	No	NA	NA	No	Overall facility is clean. Ink and solvents have their own area and everything was labeled. Owner said they have a few random spills, cleans up with rags. Qualifies for no exposure exemption.
2/27/18	Mister Car Wash	Medium	Random	3708 East State Street	7542	No	NA	NA	No	Debris is stored on pit and picked up every few years. Overall facility is clean. Containers were labeled.

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2/27/18	Mobil (La Chiquita)	Medium	Random	1426 South Main Street	5541	No	NA	NA	No	Overall facility is very clean. Nothing stored outdoors. Unattended gas station managed by La Chiquita. Went in and talked to the manager.
3/5/18	Metal Prep Services, Inc.	High	Random	5434 International Dr.	3479	Yes	4/3/18	Yes	No	Overall site is clean. Blasting contained in a closed room & blasting garnet is collected and re-used. Powder coat stored in small-labeled containers. Nothing stored outside. Facility qualifies for No Exposure exemption. Received No Exposure App on 4/3/18.
3/6/18	Masters & Yates, Inc.	High	Random	2430 20th St.	3451	Yes	3/23/18	Yes	No	Multiple uncovered containers of oil & solvent on floors throughout facility. Recommended covering and labeling all liquids. Oil Dry used for spill cleanup. Oil Dry needs to be swept up promptly and disposed of properly. Uncovered chip dumpster outside facility. Owner will cover dumpster to qualify for No Exposure. Received No Exposure App on 3/23/18.

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3/9/18	Voss Metals Company, Inc.	High	Random	2103 N. Central Ave.	5093	No	NA	NA	No	Various metals stored indoors in secondary containment. Plasma cutting station outside under cover. Some metal shavings on floor of building next to crusher. Floor drain in main building leads to sanitary sewer. Facility qualifies for No Exposure exemption.
3/12/18	Marathon	Medium	Random	3299 South Alpine Road	5541	No	NA	No	No	Overall facility has a bunch of trash all over the property. Propane, windshield fluid, and ice are located outside of the gas station. Otherwise, facility looks good.
3/13/18	International Papers	High	Random	2100 23rd Avenue	2653	No	NA	NA	No	The facility is doing sampling by the box culvert. All liquids are labeled and stored in secondary containment. Paper cyclone separator is on the roof; some small particles leave it but is cleaned up regularly by a sweeping company.
3/14/18	Machine Shop & Supply Co.	High	Random	606 Avon Street	3541	Yes	4/5/18	Yes	No	Overall liquids stored in secondary containment and waste. Uncovered chip waste and owner was made aware of the situation to cover it. Oil dry is put together for offsite disposal. Received No Exposure on 4/5/18.

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3/15/18	Hulick Metals	High	Random	4738 American Road	3541	Yes	4/11/18	Yes	No	Told the owner to qualify no exposure to cover the chip dumpsters and to get rid of the rusting steel shelves. Overall facility was clean. Received No Exposure App on 4/11/18.
3/16/18	Rockford Auto Parts	High	Random	1023 Seminary Street	5015	No	NA	NA	No	All containers with chemicals labeled. Tires and Car parts stored outside in trailers. Monitoring is done at the SW end from the sheet flow and sent to a lab.
3/16/18	Guerilla Graffix	Medium	Random	1902 Broadway	2752	Yes	4/12/18	Yes	No	Facility has two different solvents stored in second containment and picked up by Crystal Clean for off-site disposal. Spill clean up is in place. Qualifies for no exposure. Received No Exposure App on 4/12/18.
3/22/18	Extreme Clean Car Wash	Medium	Random	5051 East State Street	7542	No	NA	NA	No	Overall facility looked good. Chemicals stored in a contained room and labeled. Water stored in four tanks and separated for offsite disposal.
3/22/18	Crabtree Auto Wash	Medium	Random	4118 Harrison Avenue	7542	No	NA	NA	No	Overall facility looks good.

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3/22/18	Exact Machine Company, Inc.	High	Random	2502 Preston St.	3451	Yes	4/21/18	Yes	No	Facility stores raw material and metal scrap outside in a chip dumpster. Owner will cover dumpster and bring raw material inside. All liquids stored in secondary containment and waste liquids are collected and sent offsite for disposal. Received No Exposure Application on 4/21/18.
3/28/18	Mid States Screw Corporation	High	Random	1817 18th Ave.	3452	No	NA	NA	No	Facility has an IEPA No Exposure Exclusion. Chip dumpster inside. All liquids in secondary containment, labeled, and stored on spill containment pallets. Waste liquid disposed of offsite. Oil Dry used for spills.
3/29/18	EverGreen Machining Services	High	Random	2308 20th Avenue	3541	Yes	4/2/18	NA	No	Behr picks up chips. Everything is inside the facility. All containers were labeled. No signs of any discharge. Facility qualifies for No Exposure. Received No Exposure on 4/2/2018
4/4/18	K&J Finishing	High	Random	716 Cedar St.	3471	No	NA	NA	No	All liquids stored in secondary containment with spill kits nearby. Facility treats all wastewater before discharging to RRWRD and disposes of solid waste offsite. Facility recently received a No Exposure certification.

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4/4/18	Forest City Technologies	High	Random	892 Southrock Dr.	3479	No	NA	NA	No	Facility clean. All chemicals stored in enclosed room. Informed owner that No Exposure needs to be renewed by December 2018.
4/5/18	Smith Oil Corp.	Medium	Random	2110 16th Street	5171	No	NA	NA	No	Every gas tank is contained in dikes. Some tanks and drums are undercover but are there temporarily. No Exposure expires in December, made them aware of it.
4/5/18	Mobil	Medium	Random	4477 Linden Road	5541	No	NA	NA	No	Some debris by the dumpster otherwise site looks good.
4/6/18	Ingersoll Production Services	High	Random	1301 Eddy Avenue	3541	No	NA	NA	No	Facility was clean. Dumpsters outside are undercover. Facility has a compressor that discharges into the sanitary sewer. Facility recently applied and qualifies for No Exposure.
4/6/18	Mobil	Medium	Random	2605 Broadway	5541	No	NA	NA	No	Facility looks good. Wood and windshield fluid stored outdoors.

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4/6/18	Metals USA	High	Random	305 Peoples	5051	Yes	4/30/18	Yes	No	Facility has 3 uncovered chip dumpsters outside that they will move inside one of their buildings in order to qualify for No Exposure. Liquids stored in secondary containment on spill containing pallets. Facility does not have any discharges into the storm/sanitary sewer. Received No Exposure App on 4/30/18.
4/16/18	Mobil	Medium	Random	1132 Harrison Avenue	5541	No	NA	NA	No	Facility site is clean and no signs of illicit discharges. Talked to a worker on site and gave him information on continuing BMPs
4/17/18	Abrasive Precision Machining	High	Random	1823 Broadway	3541	Yes	8/21/17	Yes	No	Five gallons of mud need labels and lids. Also need to be disposed of properly in order to comply with No Exposure. Received No Exposure App on 8/21/2017
4/17/18	Custom Metals Products	High	Random	1827 Broadway	3469	Yes	8/23/18	Yes	No	Facility looks good. All chip dumpsters are inside. All liquids are labeled and in second containment. Qualifies for No Exposure. Received No Exposure App on 8/23/2018.
4/19/18	MTE Hydraulics	High	Random	4701 Kishwaukee Street	3594	Yes	4/23/18	Yes	No	Facility was very clean. Everything is indoors. All liquids are in second containment. Qualifies for no exposure. Received No Exposure on 4/23/18.

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4/19/18	Marathon	Medium	Random	3209 11th Street	5541	No	NA	NA	No	Site was clean. Ice and Propane stored outdoors.
4/19/18	Lonnie's Stonecrafters	Medium	Random	3291 S. Alpine Rd.	3281	Yes	4/25/18	Yes	No	Facility uses water in countertop cutting. Water is captured and recycled; solids are segregated and disposed of in landfill. No other liquids used in manufacturing. Facility qualifies for No Exposure exclusion. Received No Exposure App on 4/25/18.
5/17/18	Northwind RAS, LLC	High	Random	5728 Logistics Pkwy.	2951	Yes	6/14/18	Yes	No	Facility has bulldozed a berm into the drainageway. Owner will rebuild berm, install an outlet pipe w/trash rack, and place rip rap in front of pipe. Owner will also provide copies of quarterly monitoring and IEPA annual reports.
5/18/18	Seal Rite Door, Inc.	High	Random	5960 Falcon Rd.	2431	Yes	5/22/18	Yes	No	Nothing stored outside of facility. Paints and stains used for door finishing are labeled & stored in secondary containment on spill pallets. Qualifies for No Exposure. Received No Exposure App on 5/22/18.
5/21/18	Pierpont Venture	Medium	Random	3238 W State St.	NA	No	NA	NA	No	Facility mainly stores trailer hitches. Used oil stored in secondary containment.

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5/25/18	Charlestal	Medium	Random	2525 11th Street	7538	Yes	5/31/18	Yes	No	Oil staining and buckets uncovered. Talked to someone on site about getting it cleaned up and covered. 5/31/2018 Follow up-, everything was cleaned up and covered. No issues.
6/5/18	Area Salvage	High	Random	207 Peoples Ave.	5093	No	NA	NA	No	Facility recently received IEPA General Permit. Owner will move all liquids stored in totes indoors. Owner is aware that quarterly stormwater samples need to be analyzed at a lab for the first year of the permit and he will be sending lab results to the city.
6/12/18	Starr Tire/Phils Power Plus	High	Complaint	217 Peoples	5093	Yes	Monitored weekly during IEPA clean-up	NA	Site is in IEPA Enforcement proceedings	IEPA (Land) informed City of an enforcement action and clean-up taking place by them at this location. They want to keep the City informed in the event of Stormwater issues. City did a preliminary walk through with IEPA to review any concerns they may have during the clean up. City found sand blasting material and several oil spots. These will all be removed during clean up of site.

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6/14/18	Rockford Machine Works	High	Random	333 18th Ave.	3444	Yes	6/26/18	Yes	No	Facility manufactures sheet metal bending machines. All scrap metal stored indoors. All liquids labeled and stored indoors. Facility qualifies for No Exposure exclusion. Received No Exposure App 6/26/18.
6/25/18	Dean Foods	Medium	Random	1126 Kilburn Avenue	2026	No	NA	NA	No	Overall site was clean. Only non-contact cooling water being discharged. Still doing quarterly monitoring. Floor drains go to specialized tanks.
6/26/18	Waldom Electronics	Low	Random	1801 Morgan Street	3669	No	NA	NA	No	Site looks good. Just a warehouse now. Going to apply for no exposure.
6/27/18	Mendoza Paint and Body	Medium	Complaint	2510 Kishwaukee St.	7532	No	NA	NA	No	Inspected facility on complaint from Code Enforcement about outdoor paint booth. Paint booth is contained under two roofs and no liquids appear to be leaving site. All paints are stored inside facility.
7/30/18	F & F Screw Products Inc.	High	Random	2136 12th St.	3451	Yes	11/26/18	Yes	No	Facility stores all liquids in secondary containment and sends waste liquids offsite for disposal. Facility has 3 uncovered chip dumpsters outside that owner will cover to qualify for a No Exposure exclusion. Received No Exposure App 11/26/2018.
7/30/18	Phillip 66	Medium	Random	425 South Winnebago Street	5541	No	NA	NA	No	Facility is clean and has no issues. There is nothing stored outside.

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7/30/18	BP Gas Station	Medium	Random	3721 Auburn Street	5541	No	NA	NA	No	Facility looks good, no issues. There is nothing stored outside.
7/30/18	Mobil	Medium	Random	453 Springfield	5541	No	NA	NA	No	Facility stores propane, wood, and ice outside but otherwise site is clean and looks good.
8/9/18	Fas Fuel	Medium	Random	3302 11th Street	5541	No	NA	NA	No	Site looks good, no issues. Just water, ice, wood, and propane stored outdoors.
8/9/18	Mobil	Medium	Random	321 Alpine Road	5541	No	NA	NA	No	Site looks good, no issues, very clean.
8/9/18	Owens Corning	High	Random	2710 Laude Dr.	3086	No	NA	NA	No	Facility has IEPA General Permit and conducts quarterly monitoring. Polystyrene beads stored in totes and recycled fluff stored in silos. Blowing agent contained in double walled tank. Scrap metal stored outdoors.
8/22/18	Mobil	Medium	Random	1344 East State Street	5541	No	NA	NA	No	Site looks good, nothing is stored outdoors.
8/22/18	Accu Cut, Inc.	High	Random	1617 Magnolia St.	3699	No	NA	NA	No	Facility involved with EDM cutting and creates carbide waste stored indoors. No liquid waste in facility. Facility has No Exposure exclusion.

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8/24/18	Advanced Finishing Co.	High	Random	1143 Selden St.	3471	Yes	8/27/18	Yes	No	Inside of facility is very dirty. All liquids stored in secondary containment and disposed of in sanitary sewer after going through an onsite wastewater treatment machine. Received No Exposure App on 8/27/2018.
8/28/18	Safeway Products Inc.	High	Random	1810 15th Ave.	3411	Yes	1/10/19	Yes	No	Facility manufactures steel gas cans. Scrap metal stored indoors. Some liquids used but no more than 5 gallons on site. Nothing stored outdoors. Facility qualifies for No Exposure exclusion. Sent application to IEPA, no copy to COR. Waiting for IEPA letter of receipt. Received No Exposure 1/10/19
8/30/18	Rock Valley Compounding Pharmacy	High	Random	811 S. Perryville Rd. #109	2834	Yes	9/27/18	Yes	No	Facility manufactures specialty pharmaceuticals. All hazardous material is collected and disposed of properly. Spill kits on site. Nothing stored outdoors. Facility qualifies for No Exposure exclusion. Received No Exposure App 9/27/2018.

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9/6/18	Cardinal Glass Company	High	Random	1087 Research Pkwy.	3211	Yes	9/25/18	Yes	No	Facility manufacture custom glass windows. Scrap aluminum and glass stored indoors. Detergent used on glass stored in secondary containment. Facility qualifies for No Exposure exclusion. Received No Exposure App on 9/25/2018.
9/17/18	Mobil	Medium	Random	3338 North Main St.	5541	No	NA	NA	No	Site looks good, no issues. The only things that are stored outside is propane, wood, water, and salt.
9/17/18	Citgo	Medium	Random	2914 West State St.	5541	No	NA	NA	No	Trash around the dumpster other than that site looks good.
9/18/18	Burt's Precision Machining	High	Random	2500 N. Main St. #24	3599	Yes	9/21/18	Yes	No	CNC parts manufacturer. Turnings stored indoors. Coolant in 55-gallon drum. Waste coolant recycled. Facility qualifies for No Exposure exclusion. Received No Exposure App on 9/21/2018.
9/18/18	Express Cutting Tool Inc.	High	Random	2500 N. Main St. #14	3545	Yes	9/21/18	Yes	No	Carbide tool manufacturer. All scrap stored indoors. Water based coolant used occasionally but no coolant disposed of. Facility qualifies for No Exposure exclusion. Received No Exposure App on 9/21/2018.
9/25/18	Mobil	Medium	Random	4962 20th Street	5541	No	NA	NA	No	This site looks good, no issues. Only thing that is outside is ice. There are four pumps that are behind the dumpster.

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9/27/18	Mobil	Medium	Random	8061 East State Street	5541	No	NA	NA	No	Site is very clean. Only things stored outdoors is propane, water, mulch, and windshield washer fluid.
10/2/18	Mobil	Medium	Random	7250 East State Street	5541	No	NA	NA	No	Propane, wood, windshield fluid, water softener salt stored outdoors. Site is clean, no issues.
10/3/18	Ayden Printing	High	Random	2500 N. Main St. #38	2752	Yes	1/3/19	Yes	No	Small shop. Printing press is performed here. Inks and glue are stored here but not in 25 gallons. Called on 12/3 to follow up on no exposure app. no answer, Left a voicemail to call me back. Received No Exposure 1/3/19
10/4/18	K & M Machine	High	Random	2500 N. Main St. #39	3327	Yes	10/11/18	Yes	No	Small machine shop. One 25 gal. drum of water base solvent. CNC part mfg. Received No Exposure on 10/11/2018.
10/4/18	MT Machining	High	Random	2500 N. Main St. #31	3327	Yes	10/4/18	Yes	No	Small CNC shop. Does have an uncovered dumpster but will get it covered to qualify for no exposure. Received no exposure on 10/4/18

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10/10/18	Machinist Mate One LLC	High	Random	2500 N. Main St. #36	3544	Yes	11/29/18	Yes	No	Facility keeps scrap bins inside. Coolant and hydraulic oil in secondary containment. Waste liquid disposed of offsite. Spill containment in place. Facility qualifies for No Exposure exclusion. Received No Exposure 11/29/18.
10/12/18	Custom Screw Machine Products	High	Random	2500 N. Main St. #13	3451	Yes	NA	No	No	Facility uses cutting oil and solvent. Turnings put in centrifuge to reclaim oil. Scrap bin stored indoors. Facility qualifies for No Exposure exclusion. Received No Exposure App 2/21/19.
10/17/18	Mobil	Medium	Random	4432 Auburn Street	5541	No	NA	NA	No	Site looks good. Only thing stored outdoors is the propane.
10/17/18	Citgo	Medium	Random	4315 Auburn Street	5541	No	NA	NA	No	Site is very clean. Propane is stored outdoors.
10/17/18	Gas Depot	Medium	Random	3215 Auburn Street	5541	No	NA	NA	No	Site is clean, ice and propane stored outside.
10/18/18	Leading Edge Hydraulics	High	Complaint	1800 16th Ave.	3599	Yes	NA	Yes	No	IEPA received a complaint that the barrels on this site were leaking oil and causing environmental Issues. City & IEPA inspected site and did not find any violations. Site has a No Exposure exclusion filed 2/20/15.

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11/8/18	Ace Machining of Rockford Inc.	High	Random	3380 Forest View Rd.	3599	No	NA	NA	No	Former machine shop. Owner is in process of selling all equipment and retiring. No liquids or scrap on site. Nothing stored outdoors. Facility does not require permitting.
11/15/18	M & M Precision Turning	High	Random	2526 20th St.	3542	Yes	11/19/18	Yes	No	Very clean facility. Liquids in secondary containment. Liquid wasted sent offsite for disposal. Metal scrap indoors. Nothing outdoors. Facility qualifies for No Exposure exclusion. Received No Exposure App 11/19/2018.
11/15/18	Warrior Industrial Packaging Inc.	High	Random	3241 Forest View Rd.	2448	Yes	11/19/18	Yes	No	Liquid chemicals used for foam manufacturing stored in secondary containment; waste liquid recycled/reused. Sawdust disposed of in dumpster. Facility qualifies for No Exposure exclusion. Received No Exposure App 11/19/2018.
11/16/18	Phillip 66	Medium	Random	2225 W. Riverside Blvd.	5541	No	NA	NA	No	Site is clean. Site has a car wash. Only things stored outdoors are ice, wood, and mulch.
11/16/18	Mobil	Medium	Random	5810 E. State St.	5541	No	NA	NA	No	Site is very clean. Mulch, wood, and ice are also stored outside.
11/16/18	BP Gas Station	Medium	Random	2207 Charles Street	5541	No	NA	NA	No	Site is clean, no issues. Windshield washer fluid and salt are stored outdoors.

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11/19/18	Mobil	Medium	Random	1621 N. Alpine	5541	No	NA	NA	No	Site is very clean. Just a few things stored outside, wood, salt, and windshield fluid.
11/26/18	CGF Inc.	High	Random	317 Peoples Ave.	2992	Yes	12/3/18	Yes	No	All chemicals manufactured are stored in labeled secondary containment. Chemical manufacturing areas have floor berms in place. Multiple spill kits throughout facility. Wastewater from cleaning kettles stored in totes for offsite disposal. Received No Exposure App 12/3/2018.
11/29/18	Obsidian Manufacturing Industries Inc.	High	Random	2730 Eastrock Dr.	3545	Yes	12/10/18	Yes	No	All liquids in secondary containment; Crystal Clean disposes of liquid waste. All metal scrap stored indoors. Oil Dry used on minor machine leakage. Facility will submit application in 60 days after moving to a new location. Facility has submitted application for current location to IEPA. No Exposure App filed 12/10/2018.
12/3/18	Barron Metal Finishing	High	Random	2219 Kishwaukee Street	3471	Yes	12/6/18	Yes	No	Company has a separate room for chemicals and has spill containment in place. Clean place. They use an evaporator for any waste liquids. Received No Exposure on 12/6/2018.

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12/10/18	Distinguished Sheet Metal, Inc.	High	Random	2516 Hartman St.	3444	Yes	NA	No	No	No liquids used in manufacturing process. Scrap metal stored indoors. Facility qualifies for No Exposure exclusion. No Exposure App mailed to IEPA on 1/7/2019.
12/11/18	Road Ranger	Medium	Random	4980 S. Main St.	5541	No	NA	NA	No	Site is very clean. Ice is also stored outback.
12/11/18	Fas Fuel	Medium	Random	5330 E. State St.	5541	No	NA	NA	No	Site is clean. No signs of a discharge.
12/12/18	Rockford Spring Company	High	Random	3801 S. Central Ave.	3495	Yes	12/31/18	Yes	No	Facility is very clean. Spill kits are on site throughout the facility. They are going to renew their No Exposure next year. Received No Exposure 12/12/18
12/18/18	MC Products	High	Random	720 South St.	2899	Yes	1/28/19	Yes	No	All liquids stored in sealed totes. Facility has uncovered scrap metal dumpster outside. Owner will move it inside or get rid of it in order to qualify for a No Exposure exclusion. No exposure application submitted 1/28/2019.
12/18/18	MC Products	High	Random	802 Cedar St.	2899	Yes	1/28/19	Yes	No	Facility used primarily for liquid blending. Nothing stored outdoors. Liquids in secondary containment. Facility qualifies for No Exposure exclusion. No exposure application submitted 1/28/2019.

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12/19/18	Overhead Door	High	Random	5012 28th Avenue	3442	Yes	1/19/18	No	No	Overhead Door just moved to this location. Facility is just a show room and storage. All scrap is stored in an uncovered dumpster outside. Told Joe to cover the dumpster to qualify for No Exposure. Received No Exposure on 2/14/2019
12/27/18	Hinckley Springs	Medium	Random	2425 Laude Drive	2086	Yes	1/27/18	Yes	No	One floor drain in the facility, Joe does not know where it goes. Mechanics come in and service the vehicles. Some oil is stored on site but mechanics take the used oil with them. Joe said he would tell his drivers to stop dumping water on Pamela. Joe said they get rid of the wastewater by the floor drain and sink. Just a warehouse that holds water, coffee, and trucks.

APPENDIX K
(PUBLIC EDUCATION)

<u>Education Handouts, Presentations</u>					
<u>Date</u>	<u>Type of Presentation/Training</u>	<u>Presenter (P)/Attendees</u>	<u>Format & Title of Presentation (Powerpoint/DVD/Speaking/Media)</u>	<u>Audience Type</u>	<u># Attending</u>
3/14/18	Boone/Winnebago County SWCD Erosion and Sediment Control Seminar	Brad Holcomb - Presenter	Stormwater Compliance is Easier	Contractors, Consultants, MS4's, Governments	130
3/15/18	Illinois Tollway Making a Connection Technical Assistance Program	City display table	City Stormwater Program, CIP, Water Division	General Public, Contractors	50
4/5/18	City of Rockford Annual Precon Training for contractors & Consultants	Rick Rundblade, Nadine Miller, Jeremy Carter, Jen Jackson, Ryan Lundberg, Brad Holcomb, Mitch Leatherby	City of Rockford Annual Precon Training	Contractors & Consultants	62
4/10/18	Mailing	Brad Holcomb	Proper Disposal of Lawn & Landscape Waste	Mowing/Landscape Contractors	124
4/16/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	2nd Grade students and teachers / 3 classrooms / Riverdahl School	65
4/17/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	3rd Grade students and teachers / 4 classrooms / Whitehead School	84
4/20/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	3rd Grade students and teachers / 2 classrooms / Bloom School	48
4/27/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	3rd Grade students and teachers / 2 classrooms / Conklin School	55

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4/27/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	3rd Grade students and teachers / 3 classrooms / Washington School	60
5/16/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	3rd Grade students and teachers / 1 classrooms / Kishwaukee School	44
5/17/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	3rd Grade students and teachers / 2 classrooms / Haskell School	49
5/18/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	3rd Grade students and teachers / 2 classrooms / Spring Creek School	49
5/16/18	Classroom Presentation, questions and answers	Ryan Lundberg / Rachel Benson	City of Rockford - Stormwater, Drinking Water, Waste Water	3rd Grade students and teachers / 2 classrooms / Thurgood Marshall School	109
7/19/18	Keith Creek Neighborhood Meeting	Mark Stockman, Brad Holcomb	Keith Creek Greenways	Keith Creek Neighborhood Residents	20
8/7/18	National Night Out	Stormwater Team	Booth at Public Event	All Ages	300
9/26/18	Yale/Bucknell Neighborhood Meeting	Mark Stockman/Dean Durth	Bank stabilization along creek	Neighborhood residents	25
11/15/18	Jacoby Place Neighborhood Meeting	Mark Stockman/Brad Holcomb	Neighborhood flooding issues	Neighborhood residents	20