Loan Recipient	L17-	Project Description	Initiation of Operation	Final Completion	Final Costs	Loan Amount
Geneva	0986	Sludge Handling The proposed project consists of upgrading the City's sludge handling facilities, floodproofing and providing upgraded employee facilities specifically including the following improvements: Two new anaerobic digesters with covers and equipment; Control building to house sludge digester pumping equipment/piping, a heat exchanger system and digester gas/safety equipment; Conversion of the digester settling tanks to waste activated sludge thickening tanks with covers and the addition of a polymer feed system; Upgrade the sludge scraper mechanisms on the final clarifiers and replacement of one of the skimmer arms; Remodeling the service building to include an employee washroom/lunchroom and conversion of the abandoned anaerobic digester into workshop, laboratory and office facilities; Relocation of a centrifugal blower to the blower building; Floodproofing the service building and service building transformer, the drive units for the digester settling tanks, sludge pumping station and influent pumping station transformer, and; Abandonment of the aerobic and anaerobic digester, and all necessary piping, wiring and site work to make the project complete and operational.	8/17/2000	10/18/2000	$5,400,000.00	
Geneva	1854	STP Expansion/Nitrification The project consists of the following improvements: Mechanical bar screen, aerated grit tank and flow splitter box; Expand influent wet well and add two raw sewage pumps; Two primary clarifiers, one final clarifier and three aeration tanks; Two centrifuges, return/waste activated sludge pump stations and sludge storage pad all housed in building structure; Eliminate existing final clarifier covers and upgrade existing primary clarifiers and aeration tanks; Convert existing digester for sidestream treatment; Upgrade three existing blowers and add two blowers with building; Add influent/effluent flow measurement and sampling devices; Relocate wet weather flow pipe and provide wet weather flow diversion channels; New ultraviolet disinfection system and wet weather flow chlorination/dechlorination system, and; All necessary demolition, computer integration systems, piping, electrical and site work to make the project complete and operational.	11/15/2004	11/15/2004	$5,500,000.00	

Loan Recipient	L17-	Project Description	Initiation of Operation	Final Completion	Final Costs	Loan Amount
Batavia	1385	STP Upgrade & Expansion The proposed project consists of the upgrade and expansion of the Batavia Wastewater Treatment Facility to a Design Average Flow (DAF) of 4.20 MGD and a Design Maximum Flow (DMF) of 9.81 MGD. Specifically, the proposed project includes the construction of an influent flow measurement structure (Parshall flume), installation of a new mechanical bar screen, construction of a new primary settling tank, replacement of primary clarifier equipment in the existing tanks, installation of new aeration diffusers in the existing aeration tanks, addition of one pump to the intermediate pump station, construction of two new aeration (nitrification) basins including blowers and diffusers, construction of a mixed liquor suspended solids diversion/return activated sludge metering structure, construction of a new final settling tank, modification of the existing clarifier mechanisms, construction of new ultraviolet disinfection facilities, installation of a new effluent magnetic flow meter, rehabilitation of the existing anaerobic digesters along with all necessary ancillary appurtenances to make the Batavia Wastewater Treatment Facility complete and operational.	2/1/2001	12/31/2001	$10,791,000.00	
St. Charles	2288	STP Upgrade The project consists of the following improvements: Modifications of the headworks diversion structure; Rehabilitate the ferric chloride and grit buildings; Replace the scum troughs on the primary clarifiers; Construct an additional 2.8 million gallons of aeration basin capacity; Construct a new blower building with blowers and associated equipment; Rehabilitation of the existing aeration basins; Install baffles in the final clarifiers, and tipping buckets and new weirs in the wet weather flow clarifiers; Replace pumps and adjustable frequency drives on the return activated and waste activated sludge pump stations; Construct new ultra-violet disinfection facilities, and; All necessary appurtenances, site work, piping, electrical and restoration to make the project complete and operational.	7/9/2005	7/9/2005	$9,871,043.00	

Loan Recipient	L17-	Project Description	Initiation of Operation	Final Completion	Final Costs	Loan Amount
Kishwaukee WRD	2986	STP Upgrade/Filters, Sludge Handling Funds will be utilized at the Wastewater Treatment Plant (WWTP) to upgrade and rehabilitate the biosolids handling process. Digesters will be outfitted with new covers, heating systems, and mixing systems. A digester control building will be constructed and piping will be rerouted to provide an even split between digesters. A new sludge handling building with truck bays and a new sludge storage barn will be constructed. New equipment to capture and utilize methane gas will be installed. The tertiary filtration system will be rehabilitated and the SCADA system will be upgraded. The project also includes 495 feet of 8-16 inch sewer and 7 manholes to transfer sludge to and from the handling building. The existing Country Club lift station will be demolished. A new Country Club life station with two pumps each rated at 2,000 gallons per minute will be constructed. The new lift station will be connected to an existing sewer by 121 feet of 12-inch forcemain and 469 feet of sanitary sewer ranging in diameter from 12 to 30 inches. Project includes all necessary appurtenances.	10/18/2011	10/31/2012	$20,071,936.00	
Newark Sanitary Di	2899	STP Expansion The proposed project consists of improving the Village's existing wastewater treatment plant in order to replace outdated/failing equipment, provide for ammonia removal, provide for phosphorous removal, and meet future expansion needs. This loan covers Phase I of the proposed improvements, which specifically entails modifying and supplementing the existing aerated lagoon system.	6/7/2018	7/7/2018	$2,957,269.00	
Fox River WRD	2518	South STP Ammonia Reduction The purpose of the project is to meet more stringent ammonia-nitrogen effluent limits that will go into effect for FRWRD's South Plant during December 2006. Two 400,000-gallon capacity flow equalization tanks will be constructed. The tanks will be utilized to control the amount of ammonia containing filtrate that is returned to the beginning of the secondary treatment process; therefore, eliminating high level peaks. The tanks will each have a sumbersible pump and mixing equipment. A small building to house filtrate flow meter and electrical equipment will be constructed between the new tanks.	9/5/2006	10/12/2007	$1,979,131.00	

Loan Recipient	L17-	Project Description	Initiation of Operation	Final Completion	Final Costs	Loan Amount
Mount Carmel	5320	Sewer Plant and Outfall Upgrades This loan will fund new fine bubble aeration equipment that will allow the City to achieve compliance with the ammonia limits in their National Pollutant Discharge Elimination System (NPDES) permit. The new extended aeration basins will have 490 – nine-inch diffuser discs and the aerobic digester will have 357 discs, for a total of 1,337 diffuser discs. A backup electric generator is also included in the scope of work. This work is identified as Contract A. The current outfall pipe will be relocated. Work will consist of the installation of 3,650 feet of 36-inch high-density polyethylene (HDPE) sewer line, 8 sanitary sewer manholes, and a new river outfall structure. This work is identified as Contract B.	Not Final	Not Final	Not Final	$3,475,122.00

CAS 4-18-18
Region 2-23-18

Please print or type in the unshaded areas only.

Form Approved. OMB No. 2040-0086.

FORM 1 GENERAL

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
GENERAL INFORMATION
Consolidated Permits Program
(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER: F IL0026069 (TIA: ; C: D)

LABEL ITEMS	
I. EPA I.D. NUMBER	PLEASE PLACE LABEL IN THIS SPACE
III. FACILITY NAME	
V. FACILITY MAILING ADDRESS	
VI. FACILITY LOCATION	

GENERAL INSTRUCTIONS
If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent *(the area to the left of the label space lists the information that should appear)*, please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI *(except VI-B which must be completed regardless)*. Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of **bold-faced terms.**

SPECIFIC QUESTIONS	Mark "X" YES	NO	FORM ATTACHED
A. Is this facility a **publicly owned treatment works** which results in a **discharge to waters of the U.S.**? (FORM 2A)		X	
B. Does or will this facility *(either existing or proposed)* include a **concentrated animal feeding operation** or **aquatic animal production facility** which results in a **discharge to waters of the U.S.**? (FORM 2B)		X	
C. Is this a facility which currently results in **discharges to waters of the U.S.** other than those described in A or B above? (FORM 2C)	X		
D. Is this a proposed facility *(other than those described in A or B above)* which will result in a **discharge to waters of the U.S.**? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of **hazardous wastes**? (FORM 3)	X		
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed **stationary source** which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	
J. Is this facility a proposed **stationary source** which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an **attainment area**? (FORM 5)		X	

III. NAME OF FACILITY

1 SKIP: AKZONOBEL SURFACE CHEMISTRY LLC

IV. FACILITY CONTACT

A. NAME & TITLE *(last, first, & title)*	B. PHONE *(area code & no.)*
2 JON JOHNSTON, ENVIRONMENTAL ENGINEER	(815) 941-6342

V. FACILTY MAILING ADDRESS

A. STREET OR P.O. BOX			
3 8005 NORTH TABLER ROAD			
B. CITY OR TOWN	**C. STATE**	**D. ZIP CODE**	
4 MORRIS	IL	60450	

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER	
5 8005 NORTH TABLER ROAD	

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B. COUNTY NAME			
GRUNDY			
C. CITY OR TOWN	**D. STATE**	**E. ZIP CODE**	**F. COUNTY CODE *(if known)***
6 MORRIS	IL	60450	

EPA Form 3510-1 (8-90)

CONTINUE ON REVERSE

CONTINUED FROM THE FRONT

VII. SIC CODES *(4-digit, in order of priority)*

A. FIRST	B. SECOND
2869 *(specify)*	*(specify)*
C. THIRD	**D. FOURTH**
(specify)	*(specify)*

VIII. OPERATOR INFORMATION

A. NAME: AKZONOBEL SURFACE CHEMISTRY LLC

B. Is the name listed in Item VIII-A also the owner? ☐ YES ☑ NO

C. STATUS OF OPERATOR *(Enter the appropriate letter into the answer box: if "Other," specify.)*

F = FEDERAL
S = STATE
P = PRIVATE
M = PUBLIC *(other than federal or state)*
O = OTHER *(specify)*

P *(specify)*

D. PHONE *(area code & no.)*: A (815) 941-6201

E. STREET OR P.O. BOX: 8005 NORTH TABLER ROAD

F. CITY OR TOWN: MORRIS

G. STATE: IL

H. ZIP CODE: 60450

IX. INDIAN LAND

Is the facility located on Indian lands? ☐ YES ☑ NO

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES *(Discharges to Surface Water)*: 9 N IL0026069	D. PSD *(Air Emissions from Proposed Sources)*: 9 P N/A	
B. UIC *(Underground Injection of Fluids)*: 9 U N/A	E. OTHER *(specify)*: 9 96030158	*(specify)* TITLE V AIR PERMIT Additional Permit: 1998-352-DE/OP- Solid Waste Management Unit Operating Unit
C. RCRA *(Hazardous Wastes)*: 9 R ILD065237851	E. OTHER *(specify)*: 9 2004EO-5496	*(specify)* OPERATING PERMIT (BRINE HAULING)

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers, and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS *(provide a brief description)*

The facility is a chemical manufacturing plant producing nitrogen derivaties of fatty acids. Principle raw materials utilized are tallow fat and coconut and soybean oil; finished prducts are long chain aliphatic amines (primary, secondary, tertiary and quaternary). Product markets are pricipally the highway chemicals, mineral processing, fuel additives and fabric softening industries.

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BOW/WPC/PERMIT SECTION

XIII. CERTIFICATION *(see instructions)*

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE *(type or print)*	B. SIGNATURE	C. DATE SIGNED
Ryan Roark, Site Director		27 Sep 2015

COMMENTS FOR OFFICIAL USE ONLY

EPA Form 3510-1 (8-90)

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*): IL0026069

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM 2C NPDES

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS
Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (*list*)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (*name*)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	41.00	24.00	11.00	88.00	20.00	34.00	Aux Sable Creek
002	41.00	24.00	11.00	88.00	20.00	1.00	Aux Sable Creek

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (*e.g., for certain mining activities*), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (*list*)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (*list*)	b. AVERAGE FLOW (*include units*)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001	Process water from:		Flotation, aerated lagoon,	1H	3B
	Amine Unit	13,000 gallons/day	sedimentation, floculation, equalization	1U	1G
			activated sludge, spray irrigation	3A	3F
	Nitrile Unit	8,000 gallons/day	"	"	"
001 cont'd	Splitter Unit	16,000 gallons/day	"	"	"
	Environmental Unit	1,000 gallons/day	"	"	"
	Arquad Unit	25,000 gallons/day	Mixing, sorption	1O	1X
			sedimentation, stabilization	1U	3G
001 cont'd			pressure filtration (sludge), landfill (sludge)	5R	5Q
			spray irrigation	3F	
	Condensate from:				
	Amine Unit	5,000 gallons/day	Aerated lagoon, spray irrigation	3B	3F
001 cont'd	Nitrile Unit	6,000 gallons/day	stabilization	3G	"
	Splitter Unit	4,000 gallons/day	"	"	"
	Environmental Unit	3,000 gallons/day	"	"	"
	Arquad Unit	2,000 gallons/day	"	"	"
001 cont'd	Cooling Tower Blowdown*	58,000 gallons/day*	"	"	"
	Sanitary wastewater	3,000 gallons/day	Activated sludge, aerated lagoon,	3A	3B
			disinfection, spray irrigation	2H	3F
	Potentially contaminated storm water	20,000 gallons/day	Aerated lagoon, spray irrigation	3B	3F
001 cont'd	from process areas				
	Uncontaminated storm water from	61,000 gallons/day	Aerated lagoon, spray irrigation	3B	3F
	ponds (net after evaporation)	(82,000 gpd - 21,000 gpd)			
	* Cooling tower blowdown can be	directed to either 001 or 002			

OFFICIAL USE ONLY (*effluent guidelines sub-categories*)

Please print or type in the unshaded areas only.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*): IL0026069

Form Approved.
OMB No. 2040-0086.
Approval expires 3-31-98.

FORM 2C NPDES

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
APPLICATION FOR PERMIT TO DISCHARGE WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURE OPERATIONS
Consolidated Permits Program

I. OUTFALL LOCATION

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

A. OUTFALL NUMBER (*list*)	B. LATITUDE			C. LONGITUDE			D. RECEIVING WATER (*name*)
	1. DEG.	2. MIN.	3. SEC.	1. DEG.	2. MIN.	3. SEC.	
001	41.00	24.00	11.00	88.00	20.00	34.00	Aux Sable Creek
002	41.00	24.00	11.00	88.00	20.00	1.00	Aux Sable Creek

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (*e.g., for certain mining activities*), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

B. For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

1. OUTFALL NO. (*list*)	2. OPERATION(S) CONTRIBUTING FLOW		3. TREATMENT		
	a. OPERATION (*list*)	b. AVERAGE FLOW (*include units*)	a. DESCRIPTION	b. LIST CODES FROM TABLE 2C-1	
001 cont'd	Uncontaminated storm water from	89,000 gallons/day	Spray irrigation	3F	
	spray field (net after evaporation	(213,000 gpd - 124,000 gpd)			
	and transpiration)				
002	Cooling tower blowdown*	58,000 gpd*	Discharge to Aux Sable without treatment	4A	
	Boiler blowdown	49,000 gpd	Neutralization	2K	
	Water softener regenerant	11,000 gpd	Discharge to Aux Sable without treatment	4A	
	Uncontaminated storm water	84,000 gpd	Discharge to Aux Sable without treatment	4A	
	* Cooling tower blowdown can be				
	directed to either 001 or 002				

OFFICIAL USE ONLY (*effluent guidelines sub-categories*)

EPA Form 3510-2C (8-90)

CONTINUE ON REVERSE

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C. Except for storm runoff, leaks, or spills, are any of the discharges described in Items II-A or B intermittent or seasonal?

☑ YES (*complete the following table*) ☐ NO (*go to Section III*)

1. OUTFALL NUMBER (*list*)	2. OPERATION(s) CONTRIBUTING FLOW (*list*)	3. FREQUENCY a. DAYS PER WEEK (*specify average*)	3. FREQUENCY b. MONTHS PER YEAR (*specify average*)	4. FLOW A. FLOW RATE (*in mgd*) 1. LONG TERM AVERAGE	4. FLOW A. FLOW RATE (*in mgd*) 2. MAXIMUM DAILY	4. FLOW B. TOTAL VOLUME (*specify with units*) 1. LONG TERM AVERAGE	4. FLOW B. TOTAL VOLUME (*specify with units*) 2. MAXIMUM DAILY	C. DURATION (*in days*)
001	Spray field underdrain	7	9	0.234 mgd	0.544 mgd	60.6 mgy	0.544 mgd	259

III. PRODUCTION

A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility?

☑ YES (*complete Item III-B*) ☐ NO (*go to Section IV*)

B. Are the limitations in the applicable effluent guideline expressed in terms of production (*or other measure of operation*)?

☐ YES (*complete Item III-C*) ☑ NO (*go to Section IV*)

C. If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the terms and units used in the applicable effluent guideline, and indicate the affected outfalls.

1. AVERAGE DAILY PRODUCTION a. QUANTITY PER DAY	1. AVERAGE DAILY PRODUCTION b. UNITS OF MEASURE	1. AVERAGE DAILY PRODUCTION c. OPERATION, PRODUCT, MATERIAL, ETC. (*specify*)	2. AFFECTED OUTFALLS (*list outfall numbers*)
Not applicable	Not applicable	Not applicable	Not applicable

IV. IMPROVEMENTS

A. Are you now required by any Federal, State or local authority to meet any implementation schedule for the construction, upgrading or operations of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative or enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

☐ YES (*complete the following table*) ☑ NO (*go to Item IV-B*)

1. IDENTIFICATION OF CONDITION, AGREEMENT, ETC.	2. AFFECTED OUTFALLS a. NO.	2. AFFECTED OUTFALLS b. SOURCE OF DISCHARGE	3. BRIEF DESCRIPTION OF PROJECT	4. FINAL COMPLIANCE DATE a. REQUIRED	4. FINAL COMPLIANCE DATE b. PROJECTED

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (*or other environmental projects which may affect your discharges*) you now have underway or which you plan. Indicate whether each program is now underway or planned, and indicate your actual or planned schedules for construction.

☐ MARK "X" IF DESCRIPTION OF ADDITIONAL CONTROL PROGRAMS IS ATTACHED

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)
IL0026069

CONTINUED FROM PAGE 2

V. INTAKE AND EFFLUENT CHARACTERISTICS

A, B, & C: See instructions before proceeding – Complete one set of tables for each outfall – Annotate the outfall number in the space provided. NOTE: Tables V-A, V-B, and V-C are included on separate sheets numbered V-1 through V-9.

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

1. POLLUTANT	2. SOURCE	1. POLLUTANT	2. SOURCE
Formaldehyde	Used as a raw material, but not expected in discharge from either outfall. Analysis of formaldehyde has not been conducted at either outfall.	Monoethyl amine	Used as a raw material, but not expected in discharge from either outfall. Analysis of monoethyl amine has not been conducted at either outfall.
Triethanonamine	Used as a raw material, but not expected in discharge from either outfall. Analysis of triethanolamine has not been conducted at either outfall.	Asbestos	Asbestos has been identified in some insulating materials on manufacturing equipment. It is not expected in discharge from either outfall. Analysis of asbestos has not been conducted at either outfall.
Benzyl chloride	Used as a raw material, but not expected in discharge from either outfall. Analysis of benzyl chloride has not been conducted at either outfall		
Dimethyl amine	Used as a raw material, but not expected in discharge from either outfall. Analysis of dimethyl amine has not been conducted at either outfall.		

VI. POTENTIAL DISCHARGES NOT COVERED BY ANALYSIS

Is any pollutant listed in Item V-C a substance or a component of a substance which you currently use or manufacture as an intermediate or final product or byproduct?

☑ YES (*list all such pollutants below*) ☐ NO (*go to Item VI-B*)

Acrylonitrile (raw material)
Copper and Chromium (Copper chromite used as catalyst)
Nickel (catalyst)
Methyl chloride (raw material)

CONTINUED FROM THE FRONT

VII. BIOLOGICAL TOXICITY TESTING DATA

Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made on any of your discharges or on a receiving water in relation to your discharge within the last 3 years?

☐ YES (*identify the test(s) and describe their purposes below*) ☑ NO (*go to Section VIII*)

VIII. CONTRACT ANALYSIS INFORMATION

Were any of the analyses reported in Item V performed by a contract laboratory or consulting firm?

☑ YES (*list the name, address, and telephone number of, and pollutants analyzed by, each such laboratory or firm below*) ☐ NO (*go to Section IX*)

A. NAME	B. ADDRESS	C. TELEPHONE (*area code & no.*)	D. POLLUTANTS ANALYZED (*list*)
Environmental Monitoring and Technologies, Inc.	8100 North Austin Avenue, Morton Grove, IL 60053-3203	847-324-3346	Bo, Cr, CU, Pb, Ni, Zn, BOD, Total CN, COD, TSS, Cl, CN-WAD, Dissolved Oxygen, Oil and Grease, OCPSF parameters, Ammonia as N, COD, fecal coli
Suburban Laboratories, Inc.	4140 Litt Drive, Hillside, IL 60162	708-544-3260	COD and fecal coli

IX. CERTIFICATION

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 fine and imprisonment for knowing violations.

A. NAME & OFFICIAL TITLE (*type or print*)	B. PHONE NO. (*area code & no.*)
Jon T. Johnston Environmental Engineer	(815) 941-6342
C. SIGNATURE	**D. DATE SIGNED**
Jon T Johnston	10/27/2017

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (*use the same format*) instead of completing these pages. SEE INSTRUCTIONS.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*): IL0026069

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)* — OUTFALL NO. 001

PART A –You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (*if available*) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (*if available*) (2) MASS	c. LONG TERM AVRG. VALUE (*if available*) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (*if available*) (2) MASS	d. NO. OF ANALYSES	3. UNITS (*specify if blank*) a. CONCENTRATION	3. UNITS b. MASS	4. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	4. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	4. INTAKE b. NO. OF ANALYSES
a. Biochemical Oxygen Demand (*BOD*)	15	11.4	9.5	12.2	4.5	8.2	26	mg/L	lb/day			
b. Chemical Oxygen Demand (*COD*)	75.5	208.8	38.3	62.3	34.8	66.2	24	mg/L	lb/day			
c. Total Organic Carbon (*TOC*)	75.5	208.1	38.3	73.3	34.8	64.3	24	mg/L	lb/day			
d. Total Suspended Solids (*TSS*)	9.0	7.6	6.7	14.3	5.2	9.8	26	mg/L	lb/day			
e. Ammonia (*as N*)	1.32	2.4	0.68	1.9	0.51	0.93	26	mg/L	lb/day			
f. Flow	VALUE 0.330		VALUE 0.32		VALUE .0.228 mgd		29			VALUE		
g. Temperature (*winter*)	VALUE not available		VALUE not available		VALUE not available			°C		VALUE		
h. Temperature (*summer*)	VALUE 28.2		VALUE 20.3		VALUE 16.5		27	°C		VALUE		
i. pH	MINIMUM 6.4	MAXIMUM 7.9	MINIMUM 6.4	MAXIMUM 7.0	[redacted]		27	STANDARD UNITS		[redacted]		

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (*if available*)	2. MARK "X" a. BELIEVED PRESENT	2. MARK "X" b. BELIEVED ABSENT	3. EFFLUENT a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (*if available*) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (*if available*) (2) MASS	c. LONG TERM AVRG. VALUE (*if available*) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (*if available*) (2) MASS	d. NO. OF ANALYSES	4. UNITS a. CONCENTRATION	4. UNITS b. MASS	5. INTAKE (*optional*) a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	5. INTAKE a. LONG TERM AVERAGE VALUE (2) MASS	5. INTAKE b. NO. OF ANALYSES
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform	X		400		20		54		49	cfu/100m				
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (*as N*)	X			Use	nitrogen	based	compounds	in	process	Present	in	well	water	

ITEM V-B CONTINUED FROM FRONT

1. POLLUTANT AND CAS NO. (*if available*)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE (1) CONCENTRATION	a. MAXIMUM DAILY VALUE (2) MASS	b. MAXIMUM 30 DAY VALUE (*if available*) (1) CONCENTRATION	b. MAXIMUM 30 DAY VALUE (*if available*) (2) MASS	c. LONG TERM AVRG. VALUE (*if available*) (1) CONCENTRATION	c. LONG TERM AVRG. VALUE (*if available*) (2) MASS	d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE (1) CONCENTRATION	a. LONG TERM AVERAGE VALUE (2) MASS	b. NO. OF ANALYSES
g. Nitrogen, Total Organic (*as N*)	X				Use nitr-	ogen	based	com-	pounds	in	pro-	cesses.		
h. Oil and Grease	X		59.4	156.5	16.4	46.5	5.8	10.5	26	mg/L	lb/da			
i. Phosphorus (as P), Total (7723-14-0)		X												
j. Radioactivity														
(1) Alpha, Total		X												
(2) Beta, Total		X												
(3) Radium, Total		X												
(4) Radium 226, Total		X												
k. Sulfate (*as SO_4*) (14808-79-8)	X	–			Present in	well	water							
l. Sulfide (*as S*)		X												
m. Sulfite (*as SO_3*) (14265-45-3)		X												
n. Surfactants	X				Produced	in	plant							
o. Aluminum, Total (7429-90-5)		X												
p. Barium, Total (7440-39-3)	X				Present in	well	water							
q. Boron, Total (7440-42-8)	X				Present in	well	water							
r. Cobalt, Total (7440-48-4)	X			In	catalyst	used in	plant							
s. Iron, Total (7439-89-6)	X				Present in	well	water							
t. Magnesium, Total (7439-95-4)	X				Present in	well	water							
u. Molybdenum, Total (7439-98-7)	X			In	catalyst	used in	plant							
v. Manganese, Total (7439-96-5)	X				Present in	well	water							
w. Tin, Total (7440-31-5)		X												
x. Titanium, Total (7440-32-6)		X												

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
IL0026069	001

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)	X		X	<0.006	<0.005	<0.006	<0.005	<0.006	<0.00	2	mg/L	lb/day			
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)	X		X	<0.0008	<.0007					1	mg/L	lb/day			
5M. Chromium, Total (7440-47-3)	X	X		0.002	0.005	0.002	0.005	0.002	0.005	5	mg/L	lb/day			
6M. Copper, Total (7440-50-8)	X	X		<0.008	0.022	<0.008	0.022	<0.008	0.022	5	mg/L	lb/day			
7M. Lead, Total (7439-92-1)	X		X	<0.05	0.042	<0.05	0.042	<0.05	0.042	5	mg/L	lb/day			
8M. Mercury, Total (7439-97-6)	X		X	3.86	<0.001					1	ng/L	ug/day			
9M. Nickel, Total (7440-02-0)	X	X		0.016	0.029	0.016	0.029	0.013	0.019	5	mg.L	lb/day			
10M. Selenium, Total (7782-49-2)	X		X	<0.002	0.002	<0.002	0.002	<0.002	0.002	2	mg/L	lb/day			
11M. Silver, Total (7440-22-4)	X		X	<0.0008	0.008	<0.0008	0.008	<0.0008	0.008	2	mg/L	lb/day			
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)	X	X		<0.05	0.05	<0.05	0.05	0.024	0.05	5	mg/L	lb/day			
14M. Cyanide, Total (57-12-5)	X		X	<0.006	0.004	<0.006	0.004	<0.006	0.004	5	mg/L	lb/day			
15M. Phenols, Total	X		X	0.015	0.013	0.015	0.013	0.015	0.013	1	mg/L	lb/day			
DIOXIN															
2,3,7,8-Tetrachlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS															
1V. Accrolein (107-02-8)			X												
2V. Acrylonitrile (107-13-1)	X	X		<0.640	<0.001					1	ug/L	lb/day			
3V. Benzene (71-43-2)	X		X	<0.730	<0.001					1	ug/L	lb/day			
4V. Bis (*Chloromethyl*) Ether (542-88-1)			X												
5V. Bromoform (75-25-2)			X												
6V. Carbon Tetrachloride (56-23-5)	X		X	<0.80	<0.001					1	ug/L	lb/day			
7V. Chlorobenzene (108-90-7)	X		X	0<.46	<0.001					1	ug/L	lb/day			
8V. Chlorodibromomethane (124-48-1)			X												
9V. Chloroethane (75-00-3)	X		X	<1.82	<0.001					1	ug/L	lb/day			
10V. 2-Chloroethylvinyl Ether (110-75-8)			X												
11V. Chloroform (67-66-3)	X		X	<0.81	<0.001					1	ug/L	lb/day			
12V. Dichlorobromomethane (75-27-4)			X												
13V. Dichlorodifluoromethane (75-71-8)			X												
14V. 1,1-Dichloroethane (75-34-3)	X		X	<0.38	<0.001					1	ug/L	lb/day			
15V. 1,2-Dichloroethane (107-06-2)	X		X	<0.25	<0.001					1	ug/L	lb/day			
16V. 1,1-Dichloroethylene (75-35-4)	X		X	<0.51	<0.001					1	ug/L	lb/day			
17V. 1,2-Dichloropropane (78-87-5)	X		X	<0.91	<0.001					1	ug/L	lb/day			
18V. 1,3-Dichloropropylene (542-75-6)	X		X	<2.12	<0.001					1	ug/L	lb/day			
19V. Ethylbenzene (100-41-4)	X		X	<0.33	<0.001					1	ug/L	lb/day			
20V. Methyl Bromide (74-83-9)			X												
21V. Methyl Chloride (74-87-3)	X	X		<2.4	<0.001					1	ug/L	lb/day			

CONTINUE ON PAGE V-5

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)	X		X	<0.5	<0.001					1	ug/L	lb/day			
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X												
24V. Tetrachloro-ethylene (127-18-4)	X		X	<0.6	<0.001					1	ug/L	lb/day			
25V. Toluene (108-88-3)	X		X	<0.98	<0.001					1	ug/L	lb/day			
26V. 1,2-Trans-Dichloroethylene (156-60-5)	X		X	<0.51	<0.001					1	ug/L	lb/day			
27V. 1,1,1-Trichloro-ethane (71-55-6)	X		X	<0.84	<0.001					1	ug/L	lb/day			
28V. 1,1,2-Trichloro-ethane (79-00-5)	X		X	<0.68	<0.001					1	ug/L	lb/day			
29V Trichloro-ethylene (79-01-6)	X		X	<0.7	<0.001					1	ug/L	lb/day			
30V. Trichloro-fluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)	X		X	<0.55	<0.001					1	ug/L	lb/day			
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)	X		X	<0.05	<0.001					1	ug/L	lb/day			
2A. 2,4-Dichloro-phenol (120-83-2)	X		X	<0.056	<0.001					1	ug/L	lb/day			
3A. 2,4-Dimethyl-phenol (105-67-9)	X		X	<0.797	<0.001					1	ug/L	lb/day			
4A. 4,6-Dinitro-O-Cresol (534-52-1)	X		X	<0.634	<0.001					1	ug/L	lb/day			
5A. 2,4-Dinitro-phenol (51-28-5)	X		X	<0.631	<0.001					1	ug/L	lb/day			
6A. 2-Nitrophenol (88-75-5)	X		X	<0.343	<0.001					1	ug/L	lb/day			
7A. 4-Nitrophenol (100-02-7)	X		X	<0.678	<0.001					1	ug/L	lb/day			
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachloro-phenol (87-86-5)			X												
10A. Phenol (108-95-2)	X		X	<0.087	<0.001					1	ug/L	lb/day			
11A. 2,4,6-Trichloro-phenol (88-05-2)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS															
1B. Acenaphthene (83-32-9)	X		X	<0.055	<0.001					1	ug/L	lb/day			
2B. Acenaphtylene (208-96-8)	X		X	<0.052	<0.001					1	ug/L	lb/day			
3B. Anthracene (120-12-7)	X		X	<0.062	<0.001					1	ug/L	lb/day			
4B. Benzidine (92-87-5)			X												
5B. Benzo (*a*) Anthracene (56-55-3)	X		X	<0.072	<0.001					1	ug/L	lb/day			
6B. Benzo (*a*) Pyrene (50-32-8)	X		X	<0.099	<0.001					1	ug/L	lb/day			
7B. 3,4-Benzo-fluoranthene (205-99-2)	X		X	<0.169	<0.001					1	ug/L	lb/day			
8B. Benzo (*ghi*) Perylene (191-24-2)			X												
9B. Benzo (*k*) Fluoranthene (207-08-9)	X		X	<0.157	<0.001					1	ug/L	lb/day			
10B. Bis (*2-Chloro-ethoxy*) Methane (111-91-1)			X												
11B. Bis (*2-Chloro-ethyl*) Ether (111-44-4)			X												
12B. Bis (*2-Chloroisopropyl*) Ether (102-80-1)			X												
13B. Bis (*2-Ethyl-hexyl*) Phthalate (117-81-7)			X												
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			X												
15B. Butyl Benzyl Phthalate (85-68-7)			X												
16B. 2-Chloro-naphthalene (91-58-7)			X												
17B. 4-Chloro-phenyl Phenyl Ether (7005-72-3)			X												
18B. Chrysene (218-01-9)	X		X	<0.056	<0.001					1	ug/L	lb/day			
19B. Dibenzo (*a,h*) Anthracene (53-70-3)			X												
20B. 1,2-Dichloro-benzene (95-50-1)	X		X	<0.74	<0.001					1	ug/L	lb/day			
21B. 1,3-Di-chloro-benzene (541-73-1)	X		X	<0.65	<0.001					1	ug/L	lb/day			

CONTINUED FROM PAGE V-6

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichlorobenzene (106-46-7)	X		X	<0.79	<0.001					1	ug/L	lb/day			
23B. 3,3-Dichlorobenzidine (91-94-1)			X												
24B. Diethyl Phthalate (84-66-2)	X		X	<0.075	<0.001					1	ug/L	lb/day			
25B. Dimethyl Phthalate (131 -11-3)	X		X	<0.084	<0.001					1	ug/L	lb/day			
26B. Di-N-Butyl Phthalate (84-74-2)	X		X	<0.14	<0.001					1	ug/L	lb/day			
27B. 2,4-Dinitrotoluene (121-14-2)	X		X	<0.095	<0.001					1	ug/L	lb/day			
28B. 2,6-Dinitrotoluene (606-20-2)	X		X	<0.348	<0.001					1	ug/L	lb/day			
29B. Di-N-Octyl Phthalate (117-84-0)			X												
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X												
31B. Fluoranthene (206-44-0)	X		X	<0.075	<0.001					1	ug/L	lb/day			
32B. Fluorene (86-73-7)	X		X	<0.045	<0.001					1	ug/L	lb/day			
33B. Hexachlorobenzene (118-74-1)	X		X	<0.051	<0.001					1	ug/L	lb/day			
34B. Hexachlorobutadiene (87-68-3)	X		X	<0.74	<0.001					1	ug/L	lb/day			
35B. Hexachlorocyclopentadiene (77-47-4)			X												
36B Hexachloroethane (67-72-1)			X												
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X												
38B. Isophorone (78-59-1)			X												
39B. Naphthalene (91-20-3)	X		X	<0.77	<0.001					1	ug/L	lb/day			
40B. Nitrobenzene (98-95-3)	X		X	<0.792	<0.001					1	ug/L	lb/day			
41B. N-Nitrosodimethylamine (62-75-9)			X												
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X												

CONTINUED FROM THE FRONT

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
43B. N-Nitro-sodiphenylamine (86-30-6)			X												
44B. Phenanthrene (85-01-8)	X		X	<0.048	<0.001					1	ug/L	lb/day			
45B. Pyrene (129-00-0)	X		X	<0.053	<0.001					1	ug/L	lb/day			
46B. 1,2,4-Tri-chlorobenzene (120-82-1)	X		X	<0.62	<0.001					1	ug/L	lb/day			
GC/MS FRACTION – PESTICIDES															
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			X												
3P. β-BHC (319-85-7)			X												
4P. γ-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			X												
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			X												
11P. α-Enosulfan (115-29-7)			X												
12P. β-Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			X												
15P. Endrin Aldehyde (7421-93-4)			X												
16P. Heptachlor (76-44-8)			X												

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
IL0026069	001

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (*use the same format*) instead of completing these pages.
SEE INSTRUCTIONS.

EPA I.D. NUMBER (*copy from Item 1 of Form 1*): IL0026069

V. INTAKE AND EFFLUENT CHARACTERISTICS *(continued from page 3 of Form 2-C)*

OUTFALL NO. 002

PART A –You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

1. POLLUTANT	2. EFFLUENT							3. UNITS (*specify if blank*)		4. INTAKE (*optional*)		
	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Biochemical Oxygen Demand (*BOD*)												
b. Chemical Oxygen Demand (*COD*)	68.6	113.3	68.6	113.3	25.3	38.3	11	mg/L	lb/day			
c. Total Organic Carbon (*TOC*)												
d. Total Suspended Solids (*TSS*)												
e. Ammonia (*as N*)												
f. Flow	VALUE 0.432 mgd		VALUE 0.432 mgd		VALUE 0.157 mgd		11			VALUE		
g. Temperature (*winter*)	VALUE 17.1		VALUE 17.1		VALUE 10.0		3	°C		VALUE		
h. Temperature (*summer*)	VALUE 32.5		VALUE 29.5		VALUE 23.6		8	°C		VALUE		
i. pH	MINIMUM 6.7	MAXIMUM 9.1	MINIMUM 6.7	MAXIMUM 8.6				STANDARD UNITS				

PART B – Mark "X" in column 2-a for each pollutant you know or have reason to believe is present. Mark "X" in column 2-b for each pollutant you believe to be absent. If you mark column 2a for any pollutant which is limited either directly, or indirectly but expressly, in an effluent limitations guideline, you must provide the results of at least one analysis for that pollutant. For other pollutants for which you mark column 2a, you must provide quantitative data or an explanation of their presence in your discharge. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT AND CAS NO. (*if available*)	2. MARK "X"		3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. BELIEVED PRESENT	b. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCEN-TRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
			(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
a. Bromide (24959-67-9)		X												
b. Chlorine, Total Residual		X												
c. Color		X												
d. Fecal Coliform		X												
e. Fluoride (16984-48-8)		X												
f. Nitrate-Nitrite (*as N*)	X			Present	in well	water								

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
IL0026069	002

CONTINUED FROM PAGE 3 OF FORM 2-C

PART C - If you are a primary industry and this outfall contains process wastewater, refer to Table 2c-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in column 2-a for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark column 2-a (*secondary industries, nonprocess wastewater outfalls, and nonrequired GC/MS fractions*), mark "X" in column 2-b for each pollutant you know or have reason to believe is present. Mark "X" in column 2-c for each pollutant you believe is absent. If you mark column 2a for any pollutant, you must provide the results of at least one analysis for that pollutant. If you mark column 2b for any pollutant, you must provide the results of at least one analysis for that pollutant if you know or have reason to believe it will be discharged in concentrations of 10 ppb or greater. If you mark column 2b for acrolein, acrylonitrile, 2,4 dinitrophenol, or 2-methyl-4, 6 dinitrophenol, you must provide the results of at least one analysis for each of these pollutants which you know or have reason to believe that you discharge in concentrations of 100 ppb or greater. Otherwise, for pollutants for which you mark column 2b, you must either submit at least one analysis or briefly describe the reasons the pollutant is expected to be discharged. Note that there are 7 pages to this part; please review each carefully. Complete one table (*all 7 pages*) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
METALS, CYANIDE, AND TOTAL PHENOLS															
1M. Antimony, Total (7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium, Total (7440-41-7)			X												
4M. Cadmium, Total (7440-43-9)			X												
5M. Chromium, Total (7440-47-3)			X												
6M. Copper, Total (7440-50-8)	X	X		<0.005		<0.005		<0.008		10	mg/L				
7M. Lead, Total (7439-92-1)			X												
8M. Mercury, Total (7439-97-6)			X												
9M. Nickel, Total (7440-02-0)			X												
10M. Selenium, Total (7782-49-2)			X												
11M. Silver, Total (7440-22-4)			X												
12M. Thallium, Total (7440-28-0)			X												
13M. Zinc, Total (7440-66-6)		X		Present	in	well	water								
14M. Cyanide, Total (57-12-5)			X												
15M. Phenols, Total			X												
DIOXIN															
2,3,7,8-Tetra-chlorodibenzo-P-Dioxin (1764-01-6)			X	DESCRIBE RESULTS											

CONTINUED FROM PAGE V-4

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – VOLATILE COMPOUNDS (*continued*)															
22V. Methylene Chloride (75-09-2)			X												
23V. 1,1,2,2-Tetrachloroethane (79-34-5)			X												
24V. Tetrachloroethylene (127-18-4)			X												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans-Dichloroethylene (156-60-5)			X												
27V. 1,1,1-Trichloroethane (71-55-6)			X												
28V. 1,1,2-Trichloroethane (79-00-5)			X												
29V Trichloroethylene (79-01-6)			X												
30V. Trichlorofluoromethane (75-69-4)			X												
31V. Vinyl Chloride (75-01-4)			X												
GC/MS FRACTION – ACID COMPOUNDS															
1A. 2-Chlorophenol (95-57-8)			X												
2A. 2,4-Dichlorophenol (120-83-2)			X												
3A. 2,4-Dimethylphenol (105-67-9)			X												
4A. 4,6-Dinitro-O-Cresol (534-52-1)			X												
5A. 2,4-Dinitrophenol (51-28-5)			X												
6A. 2-Nitrophenol (88-75-5)			X												
7A. 4-Nitrophenol (100-02-7)			X												
8A. P-Chloro-M-Cresol (59-50-7)			X												
9A. Pentachlorophenol (87-86-5)			X												
10A. Phenol (108-95-2)			X												
11A. 2,4,6-Trichlorophenol (88-05-2)			X												

CONTINUED FROM PAGE V-6

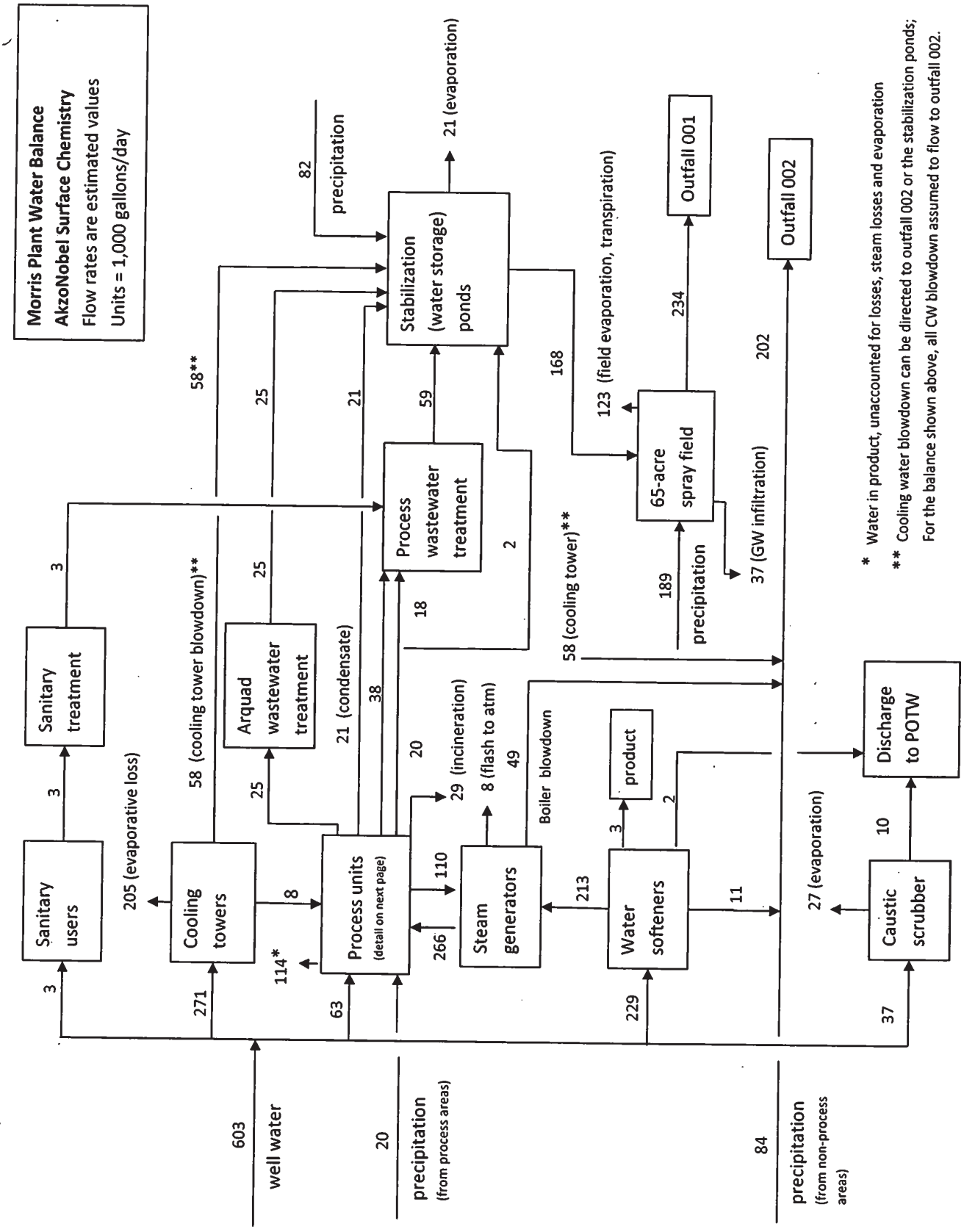
1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – BASE/NEUTRAL COMPOUNDS (*continued*)															
22B. 1,4-Dichlorobenzene (106-46-7)			X												
23B. 3,3-Dichlorobenzidine (91-94-1)			X												
24B. Diethyl Phthalate (84-66-2)			X												
25B. Dimethyl Phthalate (131 -11-3)			X												
26B. Di-N-Butyl Phthalate (84-74-2)			X												
27B. 2,4-Dinitrotoluene (121-14-2)			X												
28B. 2,6-Dinitrotoluene (606-20-2)			X												
29B. Di-N-Octyl Phthalate (117-84-0)			X												
30B. 1,2-Diphenylhydrazine (*as Azobenzene*) (122-66-7)			X												
31B. Fluoranthene (206-44-0)			X												
32B. Fluorene (86-73-7)			X												
33B. Hexachlorobenzene (118-74-1)			X												
34B. Hexachlorobutadiene (87-68-3)			X												
35B. Hexachlorocyclopentadiene (77-47-4)			X												
36B Hexachloroethane (67-72-1)			X												
37B. Indeno (*1,2,3-cd*) Pyrene (193-39-5)			X												
38B. Isophorone (78-59-1)			X												
39B. Naphthalene (91-20-3)			X												
40B. Nitrobenzene (98-95-3)			X												
41B. N-Nitrosodimethylamine (62-75-9)			X												
42B. N-Nitrosodi-N-Propylamine (621-64-7)			X												

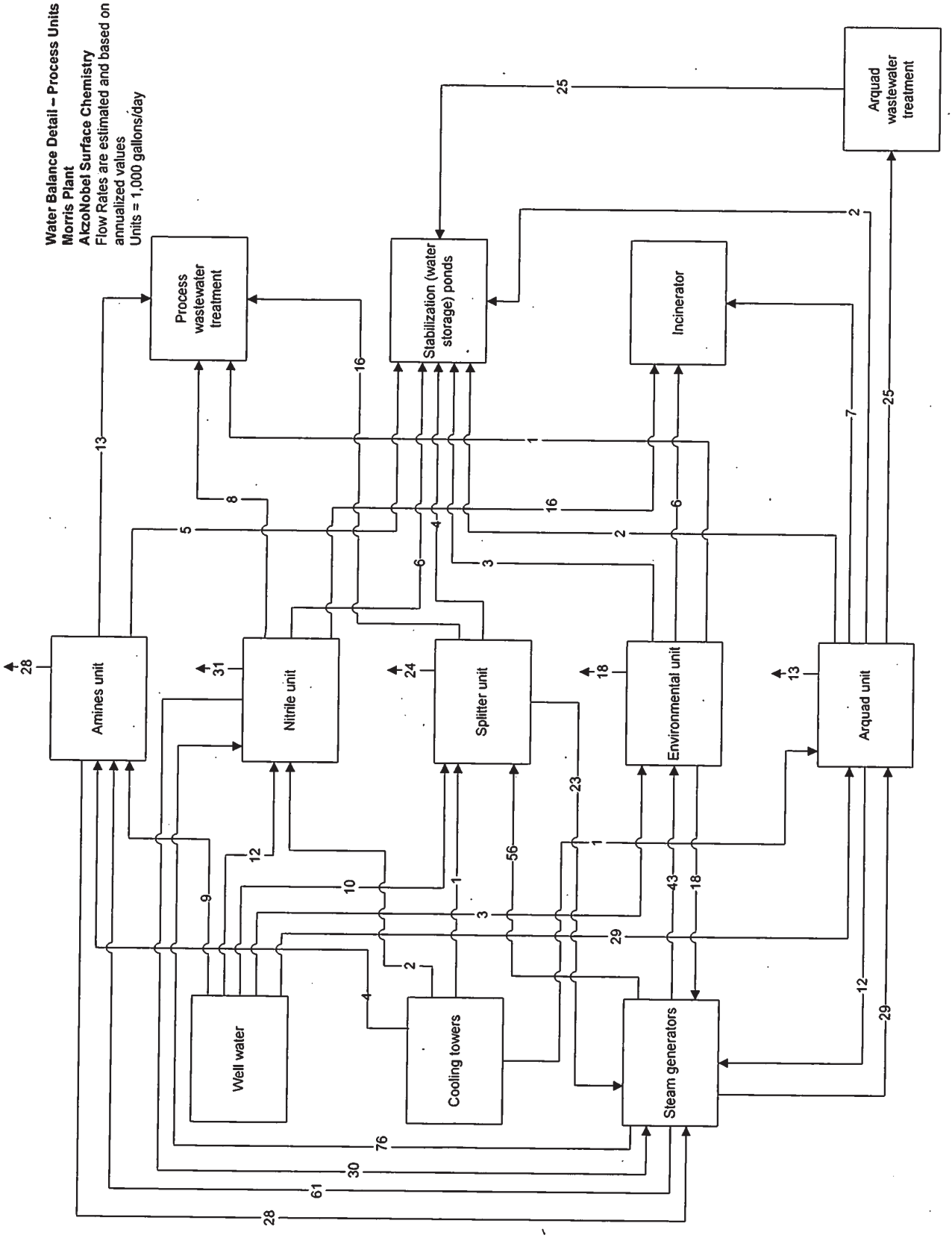
CONTINUE ON REVERSE

EPA I.D. NUMBER (*copy from Item 1 of Form 1*)	OUTFALL NUMBER
IL0026069	002

CONTINUED FROM PAGE V-8

1. POLLUTANT AND CAS NUMBER (*if available*)	2. MARK "X"			3. EFFLUENT							4. UNITS		5. INTAKE (*optional*)		
	a. TESTING REQUIRED	b. BELIEVED PRESENT	c. BELIEVED ABSENT	a. MAXIMUM DAILY VALUE		b. MAXIMUM 30 DAY VALUE (*if available*)		c. LONG TERM AVRG. VALUE (*if available*)		d. NO. OF ANALYSES	a. CONCENTRATION	b. MASS	a. LONG TERM AVERAGE VALUE		b. NO. OF ANALYSES
				(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS	(1) CONCENTRATION	(2) MASS				(1) CONCENTRATION	(2) MASS	
GC/MS FRACTION – PESTICIDES (*continued*)															
17P. Heptachlor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			X												
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			X												


Morris Plant Water Balance
AkzoNobel Surface Chemistry
Flow rates are estimated values
Units = 1,000 gallons/day
603
well water
20
precipitation
(from process areas)
84
precipitation
(from non-process areas)
Sanitary users
Cooling towers
Process units
(detail on next page)
Steam generators
Water softeners
Caustic scrubber
Sanitary treatment
Arquad wastewater treatment
Process wastewater treatment
Stabilization (water storage) ponds
65-acre spray field
Discharge to POTW
Outfall 001
Outfall 002
3
271
205 (evaporative loss)
58 (cooling tower blowdown)**
3
25
25
58**
21 (condensate)
38
63
114*
8
110
266
20
29 (incineration)
8 (flash to atm)
49
Boiler blowdown
213
3
product
2
11
229
82
precipitation
21 (evaporation)
25
21
59
18
2
168
123 (field evaporation, transpiration)
234
202
58 (cooling tower)**
189
precipitation
37 (GW infiltration)
27 (evaporation)
10
37
* Water in product, unaccounted for losses, steam losses and evaporation
** Cooling water blowdown can be directed to outfall 002 or the stabilization ponds; For the balance shown above, all CW blowdown assumed to flow to outfall 002.


Water Balance Detail – Process Units
Morris Plant
AkzoNobel Surface Chemistry
Flow Rates are estimated and based on annualized values
Units = 1,000 gallons/day
Arquad wastewater treatment
Process wastewater treatment
Stabilization (water storage) ponds
Incinerator
Amines unit
Nitrile unit
Splitter unit
Environmental unit
Arquad unit
Well water
Cooling towers
Steam generators


NORTH
CURRENT FLOW
Sand Ridge
RESIDENTIAL DRINKING WATER WELLS
U.S. ROUTE 6
BM 532
BM 531
BM 548
Wood Spur
Dresden Heig
PACIFIC
LYONDELL BASELL
Tower
GRASS
AUX SABLE LIQUID PRODUCTS
AKZO NOBEL
65 ACRE SPRAY IRRIGATION FIELD
CULTIVATED FIELD
8 ACRE RETEN POND
17 ACRE RETENTION POND
OUTFALL 001
OUTFALL 002
DISCHARGE
CREEK
FOREST
TABLER ROAD
EASTERN
BM 514
RR 523
PIPELINES
JOLIET
LEVEE
Little Dresden Island
Aux Sable Lock
CANAL
Aux Sable
Tailings Pond
Mile 270 RIVER
SPOIL BANK
CURRENT FLOW
MICHIGAN
ILLINOIS
SCATTERED RESIDENTIAL WITH DRINKING WATER WELLS
Aux Sable Sch
Pit
CENTER OF PLANT
LANDING STRIP
ELGIN
RR 518
MINOOKA
SEE ENC
MAP FOR FA
AKZO O-S02
PROPERTY BO
FACILITY BOU
SURFACE WATER
W - PROCESS WATE
OUTFALLS - DISCHARG
REVISED 6/19/07; 2/2
Electronic Filing: Received, Clerk's Office 12/30/2019

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829
BRUCE RAUNER, GOVERNOR LISA BONNETT, DIRECTOR

Memorandum

DATE: **15 June 2015**

TO: **Mark Liska**

FROM: **Scott Twait** ST

SUBJECT: **Water Quality Based Effluent Limits**
Emerald Performance / Mexichem NPDES #IL0001392 (Marshall County)

The subject facility discharges to the Illinois River at a point where 3414.0 cfs of flow exists upstream of the outfall during critical 7Q10 low-flow conditions. The facility has a DAF of 0.782 MGD and a maximum monthly average low flow of 0.806 MGD for 2014. The Illinois River is classified as a General Use Water. The Illinois River is not listed as a biologically significant stream in the 2008 Illinois Department of Natural Resources Publication *Integrating Multiple Taxa in a Biological Stream Rating System*, nor is it given an integrity rating in that document. The Illinois River, Waterbody Segment, D-09, is listed on the draft 2014 Illinois Integrated Water Quality Report and Section 303(d) List as impaired for fish consumption use with potential causes given as mercury and polychlorinated biphenyls. Aquatic life, primary contact recreation, and secondary contact uses are fully supported. This segment of the Illinois River is not subject to enhanced dissolved oxygen standards.

Cadmium, Chromium (Trivalent), Copper, Fluoride, Lead, Manganese, Nickel, and Zinc standards are based on hardness data collected at AWQMN station D-09, Illinois River, at Lacon, with a critical hardness value of 257 mg/L as $CaCO_3$. Water quality standards identified in the table are expressed in units of mg/L except where noted. Dissolved metals standards have been converted to total metal except where noted. All data was provided by the discharger.

Substance	Max. Eff. Conc.	No. of Samples	Multiply by	95% Potential	Acute Standard	Chronic Standard	302.208(g) standard	Further Analysis?
Chromium (Total)	0.004	7	2.0	0.008	3.7620	0.4484	-	No RP*
Copper	< 0.03	7	2.0	0.06	0.0431	0.0265	-	Yes
Lead	< 0.01	7	2.0	0.02	0.3183	0.0668	-	No RP*
Nickel	0.01	7	2.0	0.02	0.1834	0.0111	-	Yes
Phenols	0.031	7	2.0	0.062	-	-	0.1	No RP*
Zinc	< 0.01	7	2.0	0.02	0.2718	0.0705	-	No RP*
Toluene	0.01	7	2.0	0.02	2	0.6	-	No RP*
Methylene chloride**	0.096	60	1.0	0.096	17.0	1.4	0.33	No RP*
Chloromethane**	0.022	7	2.0	0.044	16.0	1.3	-	No RP*
Chlorobenzene**	0.13	7	2.0	0.26	0.990	0.079	4.5	Yes
Chloroform**	0.0075	24	1.3	0.0098	1.90	0.15	0.13	No RP*
Vinyl Chloride**	0.0069	7	2.0	0.0138	22.0	1.7	0.0015	Yes

* No RP = no reasonable potential to exceed water quality standards.
** derived water quality criteria.

4302 N. Main St., Rockford, IL 61103 (815) 987-7760
595 S. State, Elgin, IL 60123 (847) 608-3131
2125 S. First St., Champaign, IL 61820 (217) 278-5800
2009 Mall St., Collinsville, IL 62234 (618) 346-5120
9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000
412 SW Washington St., Suite D, Peoria, IL 61602 (309) 671-3022
2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200
100 W. Randolph, Suite 10-300, Chicago, IL 60601 (312) 814-6026

Further Analysis:

Copper was measured seven times. None of the samples measured any detectable Copper. My conclusion is that no regulation of Copper is necessary and that no monitoring beyond the routine requirements is needed.

There is no reasonable potential to exceed the acute water quality standard for Nickel. The average of the Nickel samples times the multiplier (0.0057 mg/L x 2.0 = 0.011 mg/L) was less than the chronic water quality standard. My conclusion is that no regulation of Nickel is necessary and that no monitoring beyond the routine requirements is needed.

There is no reasonable potential to exceed the acute or human health water quality criteria for Chlorobenzene. The average of the Chlorobenzene samples times the multiplier (0.0367 mg/L X 2.0 = 0.0734 mg/L) was less than the chronic water quality criteria. My conclusion is that no regulation of Chlorobenzene is necessary and that no monitoring beyond the routine requirements is needed.

There is no reasonable potential to exceed the acute or chronic water quality criteria for Vinyl Chloride. The average of the Vinyl Chloride samples times the multiplier (0.0038 mg/L X 2.0 = 0.0076 mg/L) was less than the allowable limit based on allowed mixing of 1.026 mg/L. My conclusion is that no regulation of Vinyl Chloride is necessary and that no monitoring beyond the routine requirements is needed.

Recommendations:

The Illinois Pollution Control Board has renewed an adjusted standard (AS 13-2) from 35 IAC 304.122(b) from April 16, 2015 to April 16, 2020. Under the conditions of the adjusted standard, the total ammonia nitrogen must comply with a daily maximum of 140 mg/L and 1633 lbs/day, as well as a 30-day average of 110 mg/L and 841 lbs/day. In addition to the numeric limits, there are a number of requirements as part of the adjusted standard.

Unless this adjusted standard is renewed, the limits applicable after April 16, 2020 are those from 35, IAC 304.122(b).

My evaluation of the metals and other substances given in the first table finds that no water quality based permit limits are necessary for any of these parameters. Water quality standards will be met either at the end-of-pipe or after allowed mixing.

All available data collected by the discharger and the Agency has been evaluated. Because of the number of parameters that were sampled for in the routine monitoring of the permit, those parameters that were not detected were not included in this memorandum.

A biomonitoring recommendation will be forthcoming under a separate memorandum.

These recommendations reflect a water quality standards perspective only and should not be construed as being inclusive of all factors that must be taken into consideration by the permit writer.

Attachment

cc: Bob Mosher
FOS Region 3 Manager
Bill Ettinger
Chron

Allowed Mixing Calculations

Discharger: Emerald Performance NPDES: IL0001392 Date: 6/9/15

The following formula is from the Illinois permitting Guidance for Mixing Zones and is used to determine allowable permit limits based on chronic WQS from 302.208(e) and also the one-number WQS at 302.208(g).

$$Ce = [(Cds*(Qus+Qe))-Cus*Qus)]/Qe$$

Ce = allowable effluent concentration

Qe =maximum monthly average low flow for 2014 = 1.25 cfs

Cds = chronic water quality standard (mg/L) =

Hardness = 257 mg/L as CaCO3

NOTE: Taken from AWQMN station = D-09

Arsenic (trivalent, dissolved)	0.1900
Barium	5
Cadmium (dissolved)	0.0021
Chromium (Hex)	0.0110
Chromium (trivalent, dissolved)	0.3856
Cyanide (WAD)	0.0052
Copper (dissolved)	0.0254
Fluoride	4.00
Iron (dissolved)	1
Lead (dissolved)	0.0436
Manganese (dissolved)	3.60
Mercury (dissolved)	0.0011
Nickel (dissolved)	0.0111
Phenols	0.1
Silver	0.005
Zinc (dissolved)	0.0695
Selenium	1
Boron	8
Sulfate	500
TDS	1000
Vinyl Chloride	0.0015

Cus = Concentration Upstream (mg/L) = NOTE: Taken from AWQMN station = D-16

Arsenic (trivalent, dissolved)	
Barium	
Cadmium (dissolved)	
Chromium (Hex)	NOTE: No data was available for this parameter, however, it was believed that it would not be present.
Chromium (trivalent, dissolved)	
Cyanide (WAD)	NOTE: No data was available for this parameter, however, it was believed that it would not be present.
Copper (dissolved)	
Fluoride	
Iron (dissolved)	
Lead (dissolved)	
Manganese	
Mercury (dissolved)	
Nickel (dissolved)	
Phenols	
Silver	
Zinc (dissolved)	
Selenium	
Boron	
Sulfate	
TDS	

	Vinyl Chloride	0	NOTE: No data was available for this parameter, however, it was believed that it would not be present.
7Q10 low flow =		3414	Source: ISWS map of the Kankakee River Region.
Qus = 25%	of 7Q10 low flow =	853.5	

Ce = allowable effluent concentration

			conversion factor			
Arsenic (trivalent, dissolved)	Ce =	Not Calculated	1.0	Arsenic (Total)	Ce =	**Not Calculated**
Barium	Ce =	**Not Calculated**				
Cadmium (dissolved)	Ce =	Not Calculated	0.8695	Cadmium (Total)	Ce =	**Not Calculated**
Chromium (Hex)	Ce =	**Not Calculated**				
Chromium (trivalent, dissolved)	Ce =	Not Calculated	0.86	Chromium (Total)	Ce =	**Not Calculated**
Cyanide (WAD)	Ce =	**Not Calculated**				
Copper (dissolved)	Ce =	Not Calculated	0.960	Copper (Total)	Ce =	**Not Calculated**
Fluoride	Ce =	**Not Calculated**				
Iron (dissolved)	Ce =	**Not Calculated**				
Lead (dissolved)	Ce =	Not Calculated	0.6535	Lead (Total)	Ce =	**Not Calculated**
Manganese	Ce =	**Not Calculated**				
Mercury (dissolved)	Ce =	Not Calculated	0.85	Mercury (Total)	Ce =	**Not Calculated**
Nickel (dissolved)	Ce =	Not Calculated	0.997	Nickel (Total)	Ce =	**Not Calculated**
Phenols	Ce =	**Not Calculated**				
Silver	Ce =	**Not Calculated**				
Zinc (dissolved)	Ce =	Not Calculated	0.986	Zinc (Total)	Ce =	**Not Calculated**
Selenium	Ce =	**Not Calculated**				
Boron	Ce =	**Not Calculated**				
Sulfate	Ce =	**Not Calculated**				
TDS	Ce =	**Not Calculated**				
Vinyl Chloride	Ce =	**1.026**				

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829
BRUCE RAUNER, GOVERNOR LISA BONNETT, DIRECTOR

Memorandum

DATE: **June 16, 2015**

TO: **Mark Liska**

FROM: **Brian Koch**

SUBJECT: **Standards Unit Review of Biomonitoring Test Results**
RE: Emerald Performance Materials – IL0001392 (Marshall County)

Standards Unit has reviewed toxicity test results conducted under biomonitoring requirements to be fulfilled prior to the expiration of the permit for the following facility:

Emerald Performance Materials – IL0001392

A summary of the toxicity data is found on the attached review sheet. High to severe acute toxicity to fathead minnow and *Ceriodaphnia* was observed in each bioassay, likely due to ammonia. The facility has recently been granted new IPCB relief (AS 2013-002) which allows a daily maximum of 140 mg/L total ammonia nitrogen. Thus, acute whole effluent toxicity attributed to ammonia is permissible providing that effluent samples do not exceed 140 mg/L total ammonia nitrogen. The biomonitoring special condition must be revised to account for the new adjusted standard and the acute toxicity that may be attributed to it.

Recommendations: Annual biomonitoring with fathead minnow and *Ceriodaphnia* is recommended. Given the extremely high ammonia concentrations in the effluent, a revised dilution series centered around the instream waste concentration of the effluent is recommended. A CORMIX ZID analysis on this facility determined that the facility has a dilution allowance of 47.9:1, which equates to an effluent concentration of 2.1% which should be used as the effluent concentration that shall not be acutely toxic to test organisms. Based on the instream waste concentration, the dilution series to be required in the renewed permit shall consist of 12.5%, 6.25%, 3.125%, 1.565%, and 0.78% effluent. A revised special condition that contains the new dilution series and an acute LC50 limit of 2.1% effluent is attached.

Attachments (2)

Distribution List
Bob Mosher
Darin LeCrone
Region 3 FOS Manager
Region 4 Surface Water Manager
Records Unit

BIOMONITORING TEST RESULTS SUMMARY

Reviewer's Name: **Brian Koch** Date Summarized: **06/16/15** Results Received: **11/22/13**

Facility Name: **Emerald Performance Materials** NPDES No.: **IL0001392** Expiration Date: **04/30/12**

Receiving Water: **Illinois River** Segment Code: **D-09**

Upstream 7QI0: **3526** CFS Discharge Average Flow **(2014)**: **1.25** CFS

Dilution Ratio: **2821:1** Instream Waste Concentration: **0.035%** Waste concentration in 25% of dilution water: **0.14%**

Facility Type: **Industrial**

Treatment Level:

Process Information/Notes: **Manufacturer of rubber accelerators and antioxidants for the rubber, lubricant and plastics industries. Extremely high ammonia due to the breakdown of amines used in the manufacturing process.**

TOXICITY DATA

Bioassay Date: **06/15/11** Laboratory: **EAS** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **88.8** mg/L Effluent Chlorine (TRC): **<0.04** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = 11.3% effluent**

Definitive Fathead Minnow: **LC50 = 8.5% effluent**

Test Notes: **Conductivity was 13330 µmhos.**

Bioassay Date: **07/27/11** Laboratory: **EAS** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **99.9 mg/L** Effluent Chlorine (TRC): **0.72** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = 12.5% effluent**

Definitive Fathead Minnow: **LC50 = 8.7% effluent**

Test Notes: **Conductivity was 19350 µmhos.**

Bioassay Date: **10/12/11** Laboratory: **EAS** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **59.9** mg/L Effluent Chlorine (TRC): **<0.04** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = 31.9% effluent**

Definitive Fathead Minnow: **LC50 = 22.8% effluent**

Test Notes: **Conductivity was 14850 µmhos.**

Bioassay Date: **01/25/12** Laboratory: **EAS** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **72.2** mg/L Effluent Chlorine (TRC): **<0.04** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = <6.25% effluent**

Definitive Fathead Minnow: **LC50 = 9.42% effluent**

Test Notes: **Conductivity was 12410 µmhos.**

Bioassay Date: **11/12/13** Laboratory: **Microbac** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **25.0** mg/L Effluent Chlorine (TRC): **0.06** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = 16.5% effluent**

Definitive Fathead Minnow: **LC50 = 16.8% effluent**

Test Notes: **Conductivity was estimated at 15222 µmhos.**

Other Bioassays: See PLO file for earlier WET tests.

Test Date	Laboratory	Dilution Water Source	Acute Bioassays	Chronic Bioassays/Ammonia

Date/Result of Most Recent IEPA Biosurvey: **None.**

Comments: **High to severe acute toxicity to fathead minnow and *Ceriodaphnia* was observed in each bioassay. Fathead minnow toxicity was attributed to the extremely high ammonia concentrations within effluent. However, the facility has been operating under an IPCB adjusted standard (AS 2002-005) which authorizes effluent concentrations up to 155 mg/L ammonia. The adjusted standard expired in November, 2011, but the facility has recently been granted new IPCB relief (AS 2013-002) which allows a daily maximum of 140 mg/L total ammonia nitrogen. *Ceriodaphnia* toxicity may have also been attributed to ammonia, but the extremely high conductivity measurements (maximum of 19,350 µmhos, equivalent to 11,606 mg/L TDS) suggest that dissolved solids such as sulfate and chloride are also present at acutely toxic concentrations. The facility's current NPDES permit does not require effluent monitoring for these parameters, so the magnitude of each parameter is unknown.**

Recommendations: **Annual biomonitoring with fathead minnow and *Ceriodaphnia* is recommended. The facility has recently been granted new IPCB relief (AS 2013-002) which allows a daily maximum of 140 mg/L total ammonia nitrogen. Thus, acute whole effluent toxicity attributed to ammonia is permissible providing that effluent samples do not exceed 140 mg/L total ammonia nitrogen. Given the extremely high ammonia concentrations in the effluent, testing of 100% and 50% effluent treatments will nearly always be toxic to test organisms. Therefore, a revised dilution series centered around the instream waste concentration of the effluent is recommended. A CORMIX ZID analysis on this facility determined that the facility has a dilution allowance of 47.9:1, which equates to an effluent concentration of 2.1% which should be used as the effluent concentration that shall not be acutely toxic to test organisms. Based on the instream waste concentration, the dilution series to be required in the renewed permit shall consist of 12.5%, 6.25%, 3.125%, 1.565%, and 0.78% effluent. A revised special condition that contains the new dilution series and an acute LC50 limit of 2.1% effluent is attached.**

SPECIAL CONDITION SPECIAL CONDITION NO.~. The Permittee shall conduct annual biomonitoring using Outfall 001 effluent.

Biomonitoring

1. Acute Toxicity - Standard definitive acute toxicity tests shall be run on at least two trophic levels of aquatic species (fish, invertebrate) representative of the aquatic community of the receiving stream. Testing must be consistent with Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms (Fifth Ed.) EPA/821-R-02-012. Unless substitute tests are pre-approved; the following tests are required:

   a. Fish - 96 hour static LC_{50} Bioassay using fathead minnows (Pimephales promelas).

   b. Invertebrate 48-hour static LC_{50} Bioassay using *Ceriodaphnia*.

2. Test Requirements - The above test shall be conducted annually using 24-hour composite samples unless otherwise authorized by the IEPA. Effluent samples must be analyzed for ammonia given that this parameter may be associated with acute toxicity. The dilution series to be utilized shall consist of the following: 12.5%, 6.25%, 3.125%, 1.565%, and 0.78% effluent.

3. Reporting - Results shall be reported according to EPA/821-R-02-012, Section 12, Report Preparation, and shall be submitted to IEPA, Bureau of Water, Compliance Assurance Section within one week of receipt from the laboratory. Results from ammonia analysis, as well as any other parameter believed to contribute to effluent toxicity, must be included in the bioassay report.

4. Toxicity – Should a bioassay indicate an acute LC50 of less than 2.1% effluent and the effluent is found to contain non-toxic amounts of ammonia, the IEPA may require, upon notification, six (6) additional rounds of monthly testing on the affected organism(s) to be initiated within 30 days of the toxic bioassay. Results shall be submitted to IEPA within one (1) week of becoming available to the Permittee.

5. Toxicity Identification and Reduction Evaluation - Should any of the additional bioassays indicate an acute LC50 of less than 2.1% effluent and the effluent is found to contain non-toxic amounts of ammonia, the Permittee must contact the IEPA within one (1) day of the results becoming available to the Permittee and begin the toxicity identification evaluation process in accordance with Methods for Aquatic Toxicity Identification Evaluations, EPA/600/6-91/003. The IEPA may also require, upon notification, that the Permittee prepare a plan for toxicity reduction evaluation to be developed in accordance with Toxicity Reduction Evaluation Guidance for Municipal Wastewater Treatment Plants, EPA/833B-99/002, which shall include an evaluation to determine which chemicals have a potential for being discharged in the plant wastewater, a monitoring program to determine their presence or absence and to identify other compounds which are not being removed by treatment, and other measures as appropriate. The Permittee shall submit to the IEPA its plan for toxicity reduction evaluation within ninety (90) days following notification by the IEPA. The Permittee shall implement the plan within ninety (90) days or other such date as contained in a notification letter received from the IEPA.

   The IEPA may modify this Permit during its term to incorporate additional requirements or limitations based on the results of the biomonitoring. In addition, after review of the monitoring results, the IEPA may modify this Permit to include numerical limitations for specific toxic pollutants. Modifications under this condition shall follow public notice and opportunity for hearing.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
PAT QUINN, GOVERNOR JOHN J. KIM, INTERIM DIRECTOR

Memorandum

DATE: October 23, 2012

TO: Mark Liska

FROM: Brian Koch BK

SUBJECT: Standards Unit Review of Biomonitoring Test Results
RE: Emerald Performance Materials - IL0001392 (Marshall County)

Standards Unit has reviewed toxicity test results conducted under biomonitoring requirements to be fulfilled prior to the expiration of the permit for the following facility:

Emerald Performance Materials - IL0001392

A summary of the toxicity data is found on the attached review sheet. High to severe acute toxicity to fathead minnow and *Ceriodaphnia* was observed in each bioassay. Fathead minnow toxicity was attributed to the extremely high ammonia concentrations within effluent. However, the facility has been operating under an IPCB adjusted standard (AS 2002-005) which authorizes effluent concentrations up to 155 mg/L ammonia. The adjusted standard expired in November, 2011, but the facility is now petitioning IPCB (AS 2012-002) for continuation of the previous adjusted standard. *Ceriodaphnia* toxicity may have also been attributed to ammonia, but the extremely high conductivity measurements (maximum of 19,350 µmhos, equivalent to 11,606 mg/L TDS) suggest that dissolved solids such as sulfate and chloride are also present at acutely toxic concentrations. The facility's current NPDES permit does not require effluent monitoring for these parameters, so the magnitude of each parameter is unknown.

Recommendations: The current NPDES permit will not be renewed until IPCB rules on the adjusted standard petition presently before them. Subsequently, the biomonitoring recommendation for the upcoming permit will not be determined until IPCB action. However, it should be noted that regardless of the IPCB decision, the upcoming permit should be modified to limit or monitor sulfate and chloride (or justify mixing is available for these parameters) and account for whole effluent toxicity due to these parameters.

Attachment

Distribution List
Bob Mosher
Darin LeCrone ✓
Jim Kammueller
Bill Ettinger
Records Unit

4302 N. Main St., Rockford, IL 61103 (815)987-7760
595 S. State, Elgin, IL 60123 (847)608-3131
2125 S. First St., Champaign, IL 61820 (217)278-5800
2009 Mall St., Collinsville, IL 62234 (618)346-5120
9511 Harrison St., Des Plaines, IL 60016 (847)294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309)693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618)993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312)814-6026

BIOMONITORING TEST RESULTS SUMMARY

Reviewer's Name: **Brian Koch** Date Summarized: **10/23/12** Results Received: **10/18/12**

Facility Name: **Emerald Performance Materials** NPDES No.: **IL0001392** Expiration Date: **04/30/12**
Receiving Water: **Illinois River** Segment Code: **D-09**

Upstream 7Q10: **3526** CFS Discharge Average Flow **(2011)**: **1.42** CFS
Dilution Ratio: **2483:1** Instream Waste Concentration: **0.04%** Waste concentration in 25% of dilution water: **0.16%**

Facility Type: **Industrial**
Treatment Level:
Process Information/Notes: **Manufacturer of rubber accelerators and antioxidants for the rubber, lubricant and plastics industries. Extremely high ammonia due to the breakdown of amines used in the manufacturing process.**

TOXICITY DATA

Bioassay Date: **06/15/11** Laboratory: **EAS** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **88.8** mg/L Effluent Chlorine (TRC): **<0.04** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = 11.3% effluent**

Definitive Fathead Minnow: **LC50 = 8.5% effluent**

Test Notes: **Conductivity was 13330 µmhos.**

Bioassay Date: **07/27/11** Laboratory: **EAS** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **99.9 mg/L** Effluent Chlorine (TRC): **0.72** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = 12.5% effluent**

Definitive Fathead Minnow: **LC50 = 8.7% effluent**

Test Notes: **Conductivity was 19350 µmhos.**

Bioassay Date: **10/12/11** Laboratory: **EAS** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **59.9** mg/L Effluent Chlorine (TRC): **<0.04** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = 31.9% effluent**

Definitive Fathead Minnow: **LC50 = 22.8% effluent**

Test Notes: **Conductivity was 14850 µmhos.**

Bioassay Date: **01/25/12** Laboratory: **EAS** Test Sponsor: **Emerald Performance Materials**

Dilution Water Source: **Illinois River** Receiving Water Toxicity: **Not toxic**

Effluent Ammonia (total-N): **72.2** mg/L Effluent Chlorine (TRC): **<0.04** mg/L

Acute Bioassays: Definitive *Ceriodaphnia*: **LC50 = <6.25% effluent**

Definitive Fathead Minnow: **LC50 = 9.42% effluent**

Test Notes: **Conductivity was 12410 µmhos.**

Other Bioassays: See PLO file for earlier WET tests.

Test Date	Laboratory	Dilution Water Source	Acute Bioassays	Chronic Bioassays/Ammonia

Date/Result of Most Recent IEPA Biosurvey: **None.**

Comments: **High to severe acute toxicity to fathead minnow and *Ceriodaphnia* was observed in each bioassay. Fathead minnow toxicity was attributed to the extremely high ammonia concentrations within effluent. However, the facility has been operating under an IPCB adjusted standard (AS 2002-005) which authorizes effluent concentrations up to 155 mg/L ammonia. The adjusted standard expired in November, 2011, but the facility is now petitioning IPCB (AS 2012-002) for continuation of the previous adjusted standard. *Ceriodaphnia* toxicity may have also been attributed to ammonia, but the extremely high conductivity measurements (maximum of 19,350 µmhos, equivalent to 11,606 mg/L TDS) suggest that dissolved solids such as sulfate and chloride are also present at acutely toxic concentrations. The facility's current NPDES permit does not require effluent monitoring for these parameters, so the magnitude of each parameter is unknown.**

Recommendations: **The current NPDES permit will not be renewed until IPCB rules on the adjusted standard petition presently before them. Subsequently, the biomonitoring recommendation for the upcoming permit will not be determined until IPCB action. However, it should be noted that regardless of the IPCB decision, the upcoming permit should be modified to limit or monitor sulfate and chloride (or justify mixing is available for these parameters) and account for whole effluent toxicity due to these parameters.**

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exceed.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent. Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							63	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							89	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							78	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							88	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							77	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							84	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							90	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							96	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							97	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							91	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							130	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							88	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							110	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							130	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							130	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							150	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							85	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							120	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							90	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							94	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							88	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							93	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							78	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							79	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							110	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							97	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							99	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							99	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							96	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							98	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							78	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	001-0	00600-1-0	Nitrogen, total [as N]	Effluent Gross							88	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		56.907	185.936	lb/d	11.975		39	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		21.611	78.536	lb/d	4.308		16	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		129.431	349.568	lb/d	29.923		73	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		230.306	361.561	lb/d	49.875		68	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		166.855	360.641	lb/d	32.478		60	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		43.568	75.849	lb/d	8.342		17	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		340.18	438.816	lb/d	60.762		80	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		359.405	433.527	lb/d	70.409		78	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		397.909	515.747	lb/d	73.762		96	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		333.126	528.739	lb/d	63.75		94	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		218.014	375.778	lb/d	58.652		94	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		299.188	364.993	lb/d	74.773		93	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		352.122	498.828	lb/d	79.476		110	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		398.738	553.357	lb/d	82.087		110	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		429.982	552.38	lb/d	89.905		110	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		339.334	467.365	lb/d	75.211		100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		399.869	477.084	lb/d	87.304		100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		353.832	445.332	lb/d	73.81		94	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		335.325	450.41	lb/d	70.522		92	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		274.417	430.243	lb/d	73.318		120	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		367.364	463.056	lb/d	99.333		110	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		264.342	352.403	lb/d	69.25		93	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		303.329	503.316	lb/d	80.727		110	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		203.764	311.898	lb/d	60.524		87	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		281.935	410.458	lb/d	68.864		90	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		309.899	427.064	lb/d	70.043		87	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		268.081	362.658	lb/d	65.45		84	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		247.782	397.861	lb/d	60.435		85	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		169.178	354.576	lb/d	41.5		68	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		164.31	249.882	lb/d	38.81		54	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		347.661	454.265	lb/d	80.609		100	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		368.005	451.521	lb/d	81.429		96	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		365.015	437.54	lb/d	84.318		94	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		131.366	209.408	lb/d		33.55	53	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		76.924	207.891	lb/d		20.03	52	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		185.845	313.906	lb/d		52.19	84	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		133.205	229.99	lb/d		36.267	60	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross		299.633	415.789	lb/d		78	90	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross			328.244	lb/d			87	mg/L	N	X	BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross			388.765	lb/d			100	mg/L	N	X	BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross			514.8	lb/d			120	mg/L	N	X	BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross			394.518	lb/d			100	mg/L	N	X	BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross			442.411	lb/d			110	mg/L	N	X	BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	001-0	00610-1-0	Nitrogen, ammonia total [as N]	Effluent Gross			405.08	lb/d			100	mg/L	N	X	BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.553	.612	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.6	.74	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.589	.782	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.553	.677	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.609	.723	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.633	.729	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.678	.764	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.611	.685	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.638	.74	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.597	.72	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.45	.577	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.484	.623	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.525	.636	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.587	.654	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.58	.631	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.54	.616	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.551	.576	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.58	.684	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.57	.598	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.452	.519	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.434	.54	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.466	.571	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.446	.579	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.404	.583	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.469	.579	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.526	.614	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.483	.523	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.49	.628	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.488	.626	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.515	.575	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.515	.556	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.542	.715	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.516	.615	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.478	.589	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.398	.58	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.406	.523	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.426	.536	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.458	.567	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.429	.512	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.446	.628	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.466	.519	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.456	.517	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.467	.521	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	001-0	50050-1-0	Flow, in conduit or thru treatment plant	Effluent Gross		.455	.486	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							NODI A	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							79	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							82	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							85	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							90	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							88	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							79	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							79	deg F	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							77	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							81	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							77	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							79	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							79	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							81	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							86	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							89	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							90	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							86	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							86	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							80	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							77	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							78	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							77	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							82	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							80	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							84	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							86	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							88	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							86	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							84	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							82	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							82	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							79	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							80	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							77	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							80	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							80	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							80	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							88	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							92	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							91	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							88	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							88	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	A01-0	00011-J-0	Temperature, water deg. fahrenheit	Intermediate Treatment, Process Complete							82	deg F	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		NODI A	NODI A	lb/d		NODI A	NODI A	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		28.07	71.657	lb/d		5.522	14	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exceed.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		45.643	101.494	lb/d		9.477	18	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		28.694	55.44	lb/d		7.513	21	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		31.013	78.019	lb/d		6.239	16	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		24.285	62.63	lb/d		4.648	11	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		38.725	62.94	lb/d		6.881	12	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		26.154	41.006	lb/d		5.118	8.8	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		37.625	95.835	lb/d		6.976	18	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		35.283	71.244	lb/d		6.795	13	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		21.909	70.203	lb/d		6.1	25	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		17.135	25.149	lb/d		4.268	5.9	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete	3	48.672	185.927	lb/d		11.062	41	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		41.388	92.657	lb/d		8.361	17	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		39.573	68.339	lb/d		8.29	14	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		23.974	41.504	lb/d		5.368	9.7	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		54.448	129.044	lb/d		11.935	28	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete	65	104.28	311.796	lb/d		22.215	66	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		52.659	166.24	lb/d		11.096	35	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete	8	80.938	147.039	lb/d		21.523	34	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		27.572	71.044	lb/d		7.595	21	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		23.529	38.09	lb/d		6.145	9.6	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		22.071	39.35	lb/d		5.864	9	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		18.233	34.954	lb/d		5.186	8.8	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		25.247	61.038	lb/d		6.332	14	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		44.253	101.486	lb/d		9.961	20	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		48.481	103.188	lb/d		11.885	27	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		39.911	69.479	lb/d		9.826	16	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		32.221	57.742	lb/d		8.036	14	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		30.713	64.766	lb/d		7.338	14	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		43.12	79.801	lb/d		9.987	18	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		27.96	51.977	lb/d		6.195	11	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		30.991	88.358	lb/d		7.177	20	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		23.06	75.572	lb/d		5.795	18	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		17.472	37.227	lb/d		5.065	7.7	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		31.578	85.692	lb/d		9.067	22	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		21.57	54.697	lb/d		6.018	14	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		21.926	36.786	lb/d		5.714	8.7	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		20.902	40.755	lb/d		5.824	9.8	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		43.463	126.685	lb/d		11.71	31	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		25.55	45.401	lb/d		6.581	11	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		25.806	73.281	lb/d		6.764	17	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		27.968	49.44	lb/d		7.235	13	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	A01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		29.579	60.763	lb/d		7.765	15	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI A		NODI A	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.75		7.9	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.04		8.1	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.94		8.15	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7		8.28	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.12		7.96	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.95		7.75	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.9		8.25	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.02		8.17	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.56		8.15	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.85		7.9	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.8		8.07	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.8		8.02	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7		8.04	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.02		8.12	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.22		8.05	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.37		8.1	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.4		8.06	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.83		8.01	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.85		7.84	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7		7.87	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.95		7.68	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.25		7.84	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.74		8	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.81		7.62	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.07		7.97	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.21		8.07	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.9		8.03	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7		8.1	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.95		8.03	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.97		8.08	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.19		8.09	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.78		8.31	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					6.64		7.52	SU	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exceed.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.08		7.72	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.1		8.18	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.19		7.67	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.03		8.01	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.28		7.79	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.23		7.67	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.25		8.1	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.23		7.82	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.17		7.71	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	A01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.28		7.77	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		NODI A	NODI A	lb/d		NODI A	NODI A	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		38.259	80.326	lb/d		7.574	14	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		23.552	52.675	lb/d		4.973	11	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		24.391	36.742	lb/d		5.787	13	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		47.999	172.796	lb/d		9.443	34	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		30.885	51.542	lb/d		5.971	11	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		47.367	87.458	lb/d		8.448	15	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		47.884	106.51	lb/d		9.318	20	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		51.503	122.456	lb/d		9.619	23	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		54.927	100.06	lb/d		10.72	18	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete	220	70.48	449.299	lb/d		20.357	160	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		24.103	72.737	lb/d		5.945	20	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete	64	131.028	375.445	lb/d		29.19	82	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete	4	124.913	248.239	lb/d		25.478	52	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete	88	168.777	485.356	lb/d		35.743	94	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		42.238	128.537	lb/d		9.29	29	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		55.702	112	lb/d		12.217	24	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		61.212	125.724	lb/d		12.73	25	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		68.515	235.832	lb/d		14.348	48	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete	42	88.376	250.795	lb/d		23.682	71	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete	2	93.055	192.288	lb/d		25.581	50	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		61.511	95.244	lb/d		15.95	21	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		92.43	165.967	lb/d		24.364	42	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		64.496	147.741	lb/d		18.667	43	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		85.964	136.147	lb/d		22	32	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		92.049	145.704	lb/d		20.678	32	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		99.014	207.164	lb/d		23.79	48	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		64.893	187.636	lb/d		16.27	46	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Violation Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		25.69	53.511	lb/d		6.355	13	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		25.198	44.974	lb/d		5.924	10	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		34.58	88.07	lb/d		7.991	19	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		74.238	180.377	lb/d		16.552	41	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		28.035	55.321	lb/d		6.391	11	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		31.82	60.962	lb/d		8.17	18	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		23.068	48.92	lb/d		6.791	13	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		30.374	104.706	lb/d		9.171	33	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		31.016	69.276	lb/d		8.75	20	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		21.813	49.866	lb/d		5.573	11	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		18.654	39.924	lb/d		5.162	9.6	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		21.91	40.496	lb/d		6.06	10	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		28.326	50.256	lb/d		7.276	12	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		38.463	74.691	lb/d		10.309	22	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete	34	126.128	262.466	lb/d		32.496	67	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	A01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete	16	61.338	234.949	lb/d		15.99	58	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		NODI A	NODI A	lb/d		NODI A	NODI A	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.006	.006	lb/d		.0013	.0013	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .003	< .003	lb/d		< .0008	< .0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.01	.01	lb/d		.0019	.0019	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.025	.025	lb/d		.0048	.0048	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.011	.011	lb/d		.002	.002	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.004	.004	lb/d		.0008	.0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.008	.008	lb/d		.0015	.0015	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.005	.005	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.019	.019	lb/d		.0039	.0039	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .003	< .003	lb/d		< .0008	< .0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.01	.01	lb/d		.0021	.0021	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.004	.004	lb/d		.0008	.0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .004	< .004	lb/d		< .0008	< .0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .004	< .004	lb/d		< .0008	< .0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.003	.003	lb/d		.0008	.0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.017	.017	lb/d		.0036	.0036	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.02	.02	lb/d		.0042	.0042	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.017	.017	lb/d		.0037	.0037	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross	143	.375	.541	lb/d		.097	.14	mg/L	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.097	.19	lb/d		.023	.045	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .003	< .003	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .003	< .003	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .004	< .004	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .004	< .004	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .004	< .004	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .004	< .004	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.003	.003	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.009	.009	lb/d		.0021	.0021	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		< .004	< .004	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		<= .004	<= .004	lb/d		<= .001	<= .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.005	.005	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.004	.004	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.012	.012	lb/d		.004	.004	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	A01-0	34423-1-0	Methylene chloride	Effluent Gross		.005	.005	lb/d		.0018	.0018	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	A01-0	34423-1-0	Methylene chloride	Effluent Gross				lb/d				mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	A01-0	34423-1-0	Methylene chloride	Effluent Gross				lb/d				mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	A01-0	34423-1-0	Methylene chloride	Effluent Gross				lb/d				mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	A01-0	34423-J-0	Methylene chloride	Intermediate Treatment, Process Complete		.004	.004	lb/d		.001	.001	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	A01-0	34423-J-0	Methylene chloride	Intermediate Treatment, Process Complete		.004	.004	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	A01-0	34423-J-0	Methylene chloride	Intermediate Treatment, Process Complete		.004	.004	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	A01-0	34423-J-0	Methylene chloride	Intermediate Treatment, Process Complete		.004	.004	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	A01-0	34423-J-0	Methylene chloride	Intermediate Treatment, Process Complete		.004	.004	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	A01-0	34423-J-0	Methylene chloride	Intermediate Treatment, Process Complete		.004	.004	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI A	NODI A	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.6	.74	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.589	.782	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.553	.677	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.609	.723	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.633	.729	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.678	.764	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.611	.685	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.638	.74	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.597	.72	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.45	.577	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.484	.623	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.525	.636	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.587	.654	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.58	.631	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.54	.616	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.551	.576	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.58	.684	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.57	.598	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.452	.519	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.434	.54	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.466	.571	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.446	.579	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.404	.583	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.469	.579	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.526	.614	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.483	.523	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.49	.628	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.488	.626	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.515	.575	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.515	.556	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.542	.715	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.516	.615	MGD					N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.478	.589	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.398	.58	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.406	.523	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.426	.536	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.458	.567	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.429	.512	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.446	.628	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.466	.519	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.456	.517	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.467	.521	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	A01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.455	.486	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							NODI A	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							12.2	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							214	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							225	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							20	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							19.7	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							185	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							150	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	14,900						60000	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							< 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							< 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							< 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							< 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	1,400						6000	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	325						1700	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	99,999						> 60000	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	99,999						> 60000	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	14,900						60000	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							90	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							270	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	800						3600	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							150	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							45	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							45	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	150						1000	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							90	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							< 10	#/100mL	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							< 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							< 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							< 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							<= 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							<= 10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							18	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							72	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							340	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	3						410	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	14,900						60000	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete	3,400						14000	#/100mL	Y		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	A01-0	74055-J-0	Coliform, fecal general	Intermediate Treatment, Process Complete							10	#/100mL	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	00720-J-0	Cyanide, total [as CN]	Intermediate Treatment, Process Complete		.179	.179	lb/d		.03	.03	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	00720-J-0	Cyanide, total [as CN]	Intermediate Treatment, Process Complete		.059	.059	lb/d		.014	.014	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	00720-J-0	Cyanide, total [as CN]	Intermediate Treatment, Process Complete		.078	.078	lb/d		.018	.018	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	01034-J-0	Chromium, total [as Cr]	Intermediate Treatment, Process Complete		< .024	< .024	lb/d		< .004	< .004	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	01034-J-0	Chromium, total [as Cr]	Intermediate Treatment, Process Complete		< .017	< .017	lb/d		< .004	< .004	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	01034-J-0	Chromium, total [as Cr]	Intermediate Treatment, Process Complete		< .017	< .017	lb/d		< .004	< .004	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	01042-J-0	Copper, total [as Cu]	Intermediate Treatment, Process Complete			< .179	lb/d			< .03	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	01042-J-0	Copper, total [as Cu]	Intermediate Treatment, Process Complete			< .126	lb/d			< .03	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	01042-J-0	Copper, total [as Cu]	Intermediate Treatment, Process Complete			< .131	lb/d			< .03	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	01051-J-0	Lead, total [as Pb]	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	01051-J-0	Lead, total [as Pb]	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	01051-J-0	Lead, total [as Pb]	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	01067-J-0	Nickel, total [as Ni]	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	01067-J-0	Nickel, total [as Ni]	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	01067-J-0	Nickel, total [as Ni]	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	01092-J-0	Zinc, total [as Zn]	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	01092-J-0	Zinc, total [as Zn]	Intermediate Treatment, Process Complete		.046	.046	lb/d		.011	.011	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	01092-J-0	Zinc, total [as Zn]	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	32102-J-0	Carbon tetrachloride	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	32102-J-0	Carbon tetrachloride	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	32102-J-0	Carbon tetrachloride	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	32730-J-0	Phenolics, total recoverable	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	32730-J-0	Phenolics, total recoverable	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	32730-J-0	Phenolics, total recoverable	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34010-J-0	Toluene	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34010-J-0	Toluene	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34010-J-0	Toluene	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34030-J-0	Benzene	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34030-J-0	Benzene	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34030-J-0	Benzene	Intermediate Treatment, Process Complete		.022	.022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34200-J-0	Acenaphthylene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34200-J-0	Acenaphthylene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34200-J-0	Acenaphthylene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34205-J-0	Acenaphthene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34205-J-0	Acenaphthene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34205-J-0	Acenaphthene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34215-J-0	Acrylonitrile	Intermediate Treatment, Process Complete		< .298	< .298	lb/d		< .05	< .05	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34215-J-0	Acrylonitrile	Intermediate Treatment, Process Complete		< .211	< .211	lb/d		< .05	< .05	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34215-J-0	Acrylonitrile	Intermediate Treatment, Process Complete		< .218	< .218	lb/d		< .05	< .05	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34220-J-0	Anthracene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34220-J-0	Anthracene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34220-J-0	Anthracene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34242-J-0	Benzo[k]fluoranthene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34242-J-0	Benzo[k]fluoranthene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34242-J-0	Benzo[k]fluoranthene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34247-J-0	Benzo[a]pyrene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34247-J-0	Benzo[a]pyrene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34247-J-0	Benzo[a]pyrene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34301-J-0	Chlorobenzene	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34301-J-0	Chlorobenzene	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34301-J-0	Chlorobenzene	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34320-J-0	Chrysene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34320-J-0	Chrysene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34320-J-0	Chrysene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34336-J-0	Diethyl phthalate	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34336-J-0	Diethyl phthalate	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34336-J-0	Diethyl phthalate	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34341-J-0	Dimethyl phthalate	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34341-J-0	Dimethyl phthalate	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34341-J-0	Dimethyl phthalate	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34371-J-0	Ethylbenzene	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34371-J-0	Ethylbenzene	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34371-J-0	Ethylbenzene	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34376-J-0	Fluoranthene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34376-J-0	Fluoranthene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34376-J-0	Fluoranthene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34381-J-0	Fluorene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34381-J-0	Fluorene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34381-J-0	Fluorene	Intermediate Treatment, Process Complete		< .044	.044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34396-J-0	Hexachloroethane	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34396-J-0	Hexachloroethane	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34396-J-0	Hexachloroethane	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34418-J-0	Methyl chloride [Chloromethane]	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34418-J-0	Methyl chloride [Chloromethane]	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34418-J-0	Methyl chloride [Chloromethane]	Intermediate Treatment, Process Complete		.038	.038	lb/d		.0088	.0088	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34447-J-0	Nitrobenzene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34447-J-0	Nitrobenzene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34447-J-0	Nitrobenzene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34461-J-0	Phenanthrene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34461-J-0	Phenanthrene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34461-J-0	Phenanthrene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34469-J-0	Pyrene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34469-J-0	Pyrene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34469-J-0	Pyrene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34496-J-0	1,1-Dichloroethane	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34496-J-0	1,1-Dichloroethane	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34496-J-0	1,1-Dichloroethane	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34501-J-0	1,1-Dichloroethylene	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34501-J-0	1,1-Dichloroethylene	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34501-J-0	1,1-Dichloroethylene	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34506-J-0	1,1,1-Trichloroethane	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34506-J-0	1,1,1-Trichloroethane	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34506-J-0	1,1,1-Trichloroethane	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34511-J-0	1,1,2-Trichloroethane	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34511-J-0	1,1,2-Trichloroethane	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34511-J-0	1,1,2-Trichloroethane	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34526-J-0	Benzo[a]anthracene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34526-J-0	Benzo[a]anthracene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34526-J-0	Benzo[a]anthracene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34531-J-0	1,2-Dichloroethane, total weight	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34531-J-0	1,2-Dichloroethane, total weight	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34531-J-0	1,2-Dichloroethane, total weight	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34536-J-0	1,2-Dichlorobenzene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34536-J-0	1,2-Dichlorobenzene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34536-J-0	1,2-Dichlorobenzene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34541-J-0	1,2-Dichloropropane	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34541-J-0	1,2-Dichloropropane	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34541-J-0	1,2-Dichloropropane	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34546-J-0	trans-1,2-Dichloroethylene	Intermediate Treatment, Process Complete		< .119	< .119	lb/d		< .02	< .02	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34546-J-0	trans-1,2-Dichloroethylene	Intermediate Treatment, Process Complete		< .084	< .084	lb/d		< .02	< .02	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34546-J-0	trans-1,2-Dichloroethylene	Intermediate Treatment, Process Complete		< .087	< .087	lb/d		< .02	< .02	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34551-J-0	1,2,4-Trichlorobenzene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34551-J-0	1,2,4-Trichlorobenzene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34551-J-0	1,2,4-Trichlorobenzene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34566-J-0	1,3-Dichlorobenzene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34566-J-0	1,3-Dichlorobenzene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34566-J-0	1,3-Dichlorobenzene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34571-J-0	1,4-Dichlorobenzene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34571-J-0	1,4-Dichlorobenzene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34571-J-0	1,4-Dichlorobenzene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34586-J-0	2-Chlorophenol	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34586-J-0	2-Chlorophenol	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34586-J-0	2-Chlorophenol	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34591-J-0	2-Nitrophenol	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34591-J-0	2-Nitrophenol	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34591-J-0	2-Nitrophenol	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34601-J-0	2,4-Dichlorophenol	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34601-J-0	2,4-Dichlorophenol	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34601-J-0	2,4-Dichlorophenol	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34606-J-0	2,4-Dimethylphenol	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34606-J-0	2,4-Dimethylphenol	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34606-J-0	2,4-Dimethylphenol	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34611-J-0	2,4-Dinitrotoluene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34611-J-0	2,4-Dinitrotoluene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34611-J-0	2,4-Dinitrotoluene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34616-J-0	2,4-Dinitrophenol	Intermediate Treatment, Process Complete		< .119	< .119	lb/d		< .02	< .02	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34616-J-0	2,4-Dinitrophenol	Intermediate Treatment, Process Complete		< .084	< .084	lb/d		< .02	< .02	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34616-J-0	2,4-Dinitrophenol	Intermediate Treatment, Process Complete		< .218	< .218	lb/d		< .05	< .05	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34626-J-0	2,6-Dinitrotoluene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34626-J-0	2,6-Dinitrotoluene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34626-J-0	2,6-Dinitrotoluene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34646-J-0	4-Nitrophenol	Intermediate Treatment, Process Complete		< .119	< .119	lb/d		< .02	< .02	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34646-J-0	4-Nitrophenol	Intermediate Treatment, Process Complete		< .084	< .084	lb/d		< .02	< .02	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34646-J-0	4-Nitrophenol	Intermediate Treatment, Process Complete		< .218	< .218	lb/d		< .05	< .05	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34657-J-0	4,6-Dinitro-o-cresol	Intermediate Treatment, Process Complete		< .298	< .298	lb/d		< .05	< .05	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34657-J-0	4,6-Dinitro-o-cresol	Intermediate Treatment, Process Complete		< .211	< .211	lb/d		< .05	< .05	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34657-J-0	4,6-Dinitro-o-cresol	Intermediate Treatment, Process Complete		.218	.218	lb/d		< .05	< .05	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	34696-J-0	Naphthalene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	34696-J-0	Naphthalene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	34696-J-0	Naphthalene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	39100-J-0	Di[2-ethylhexyl] phthalate [DEHP]	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	39100-J-0	Di[2-ethylhexyl] phthalate [DEHP]	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	39100-J-0	Di[2-ethylhexyl] phthalate [DEHP]	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	39110-J-0	Di-n-butyl phthalate	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	39110-J-0	Di-n-butyl phthalate	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	39110-J-0	Di-n-butyl phthalate	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	39175-J-0	Vinyl chloride	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	39175-J-0	Vinyl chloride	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	39175-J-0	Vinyl chloride	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	39180-J-0	Trichloroethylene	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	39180-J-0	Trichloroethylene	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	39180-J-0	Trichloroethylene	Intermediate Treatment, Process Complete		.022	< .022	lb/d		< .005	.005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	39700-J-0	Hexachlorobenzene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	39700-J-0	Hexachlorobenzene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	39700-J-0	Hexachlorobenzene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	39702-J-0	Hexachlorobutadiene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	39702-J-0	Hexachlorobutadiene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	39702-J-0	Hexachlorobutadiene	Intermediate Treatment, Process Complete		< .044	< .044	lb/d		.01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	51044-J-0	1,3-Dichloropropylene	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	51044-J-0	1,3-Dichloropropylene	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	51044-J-0	1,3-Dichloropropylene	Intermediate Treatment, Process Complete		.022	< .022	lb/d		.005	.005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	79531-J-0	3,4-Benzofluoranthene	Intermediate Treatment, Process Complete		< .06	< .06	lb/d		< .01	< .01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	79531-J-0	3,4-Benzofluoranthene	Intermediate Treatment, Process Complete		< .042	< .042	lb/d		< .01	< .01	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	79531-J-0	3,4-Benzofluoranthene	Intermediate Treatment, Process Complete		.044	.044	lb/d		< .01	.01	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	85811-J-0	Chloroethane	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	85811-J-0	Chloroethane	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	85811-J-0	Chloroethane	Intermediate Treatment, Process Complete		.022	.022	lb/d		.005	.005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-A	85814-J-0	Tetrachloroethylene	Intermediate Treatment, Process Complete		< .03	< .03	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-A	85814-J-0	Tetrachloroethylene	Intermediate Treatment, Process Complete		< .021	< .021	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-A	85814-J-0	Tetrachloroethylene	Intermediate Treatment, Process Complete		< .022	< .022	lb/d		< .005	< .005	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.093	.115	lb/d		.019	.033	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.043	.043	lb/d		.0075	.0075	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		< .004	< .004	lb/d		< .0008	< .0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.015	.015	lb/d		.0031	.0031	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		< .004	< .004	lb/d		< .0008	< .0008	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		< .005	< .005	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.016	.028	lb/d		.0038	.0066	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		< .004	< .004	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.029	.029	lb/d		.0073	.0073	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		< .004	< .004	lb/d		< .001	< .001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.004	.004	lb/d		.001	.001	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.009	.009	lb/d		.0025	.0025	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.011	.011	lb/d		.003	.003	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	A01-Q	32106-J-0	Chloroform	Intermediate Treatment, Process Complete		.011	.011	lb/d		.003	.003	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							5.7	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							21	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process							NODI C	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		.025	.025	lb/d		4	4	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	B01-0	00310-J-0	BOD, 5-day, 20 deg. C	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.77		7.77	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.79		7.79	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					7.54		7.54	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	B01-0	00400-J-0	pH	Intermediate Treatment, Process Complete					NODI C		NODI C	SU	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							18	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							22	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		.062	.062	lb/d		10	10	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	B01-0	00530-J-0	Solids, total suspended	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							.68	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							.17	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete		.005	.005	lb/d		.82	.82	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	B01-0	01045-J-0	Iron, total [as Fe]	Intermediate Treatment, Process Complete		NODI C	NODI C	lb/d		NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.005	.72	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.00083	.025	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		.516	.516	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	B01-0	50050-J-0	Flow, in conduit or thru treatment plant	Intermediate Treatment, Process Complete		NODI C	NODI C	MGD					N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							17	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process							170	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2019	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2018	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF

NPDES ID	Facility Name	State Water Body	Mon. Period End Date	Limit Set	Param Cd - MLC - Season ID	Parameter	Mon. Loc. Desc.	Worst % exced.	Quantity 1	Quantity 2	Quantity Units	Concentration 1	Concentration 2	Concentration 3	Concentration Units	Effluent Gross Exists	Stay Type Code	Change of Status Code	Limit Type Code
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	03/31/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	02/28/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	01/31/2017	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	12/31/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	11/30/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	10/31/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete							NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	09/30/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete						NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	08/31/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete						26	26	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	07/31/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete						NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	06/30/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete						NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	05/31/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete						NODI C	NODI C	mg/L	N		BAS	ENF
IL0001392	EMERALD POLYMER ADDITIVES LLC	07130001-ILLINOIS RIVER	04/30/2016	B01-0	80103-J-0	Chemical oxygen demand [COD]	Intermediate Treatment, Process Complete						NODI C	NODI C	mg/L	N		BAS	ENF

Environmental Protection Agency
Integrated Compliance Information System
DMR Data Report
(DMR Data Summary)

Version 1.0, modified 08/12/2011

Created Date: 05/02/2011

Last Refresh Date: 12/30/2019

Report Selection Criteria:

NPDES ID(s): IL0001392
State Code: IL
Region Code(s):
SIC Code(s):
NAICS Code(s):
Major/Minor Indicator:
County(ies):
Permit Type(s):
Permit Status(es):
Monitoring Period Date Range: 04/15/2016 - 12/30/2019
Violation Type: All Data
Parameter Code(s):
State Water Body(ies):

NODI Codes

NODI Code	Acceptable?	NODI Desc
1	N	Wrong Flow
2	Y	Operation Shutdown
3	Y	Special Report Attached
4	Y	Discharge to Lagoon/Groundwater
5	Y	Frozen Conditions
7	Y	No Influent
8	N	Other (See Comments)
9	Y	Conditional Monitoring - Not Required This Period
A	Y	General Permit Exemption
B	Y	Below Detection Limit/No Detection
C	Y	No Discharge
D	N	Lost Sample/Data Not Available
E	N	Analysis Not Conducted/No Sample
F	Y	Insufficient Flow for Sampling
G	N	Sampling Equipment Failure
H	N	Invalid Test
I	Y	Land Applied
J	Y	Recycled - Water-Closed System
K	Y	Natural Disaster
L	N	DMR Received but not Entered
M	N	Laboratory Error
N	Y	Not Constructed
Q	Y	Not Quantifiable
R	Y	Administratively Resolved
S	Y	Fire Conditions
V	Y	Weather Related
W	Y	Dry Lysimeter/Well
X	N	Parameter/Value Not Reported