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CITY OF KNOXVILLE

BOCK INC.

MONTHLY REPORT FOR

July, 2026

SUBMITTED BY: SB

July, 2025

IEPA SUMMARY

There were no communications with IEPA.

MAINTENANCE SUMMARY

BOCK Inc. changed and ordered new turnbuckles for the final clarifier and installed a new Blower in the plant.

SAFETY

Because safety is an important part of our daily practice, we have been without a loss time injury at the plant for 301 months.

OPERATIONS SUMMARY

Influent flow averaged 192,184 gallons per day.

Electricity used totaled 27,264 kilowatt hours.

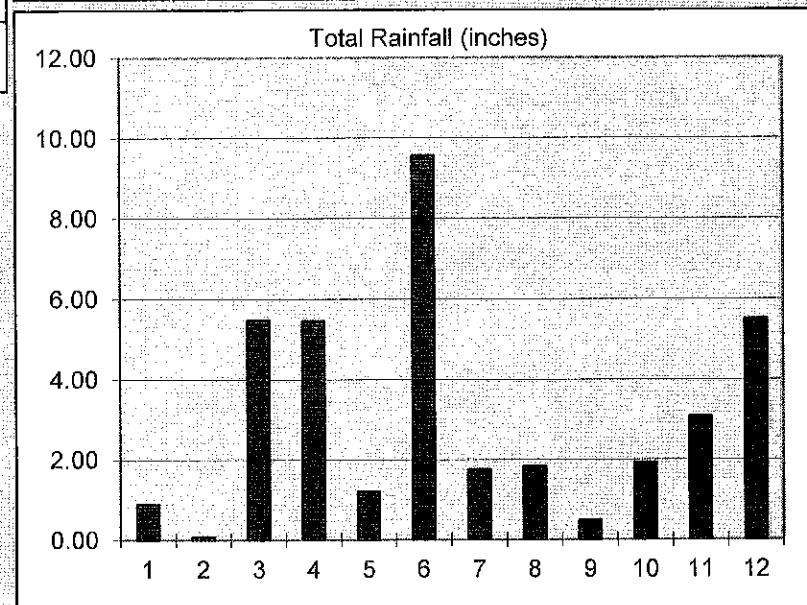
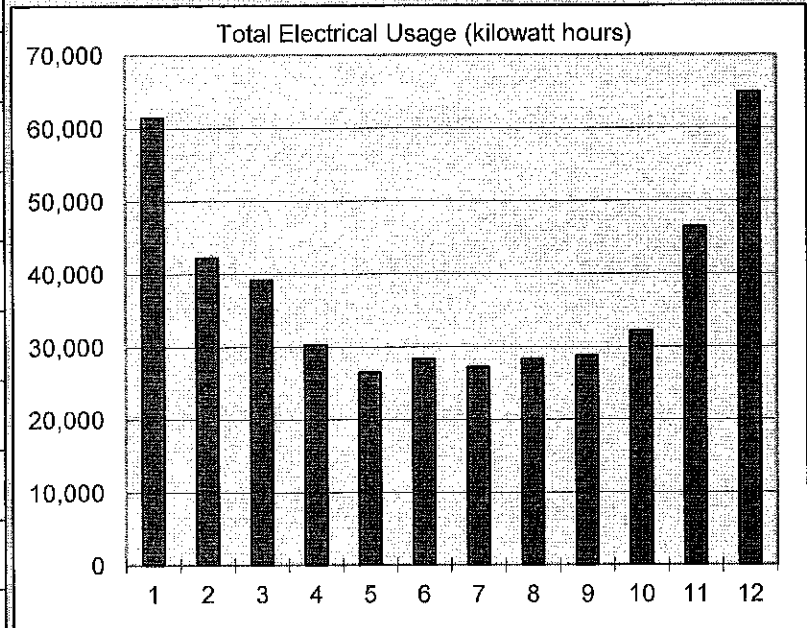
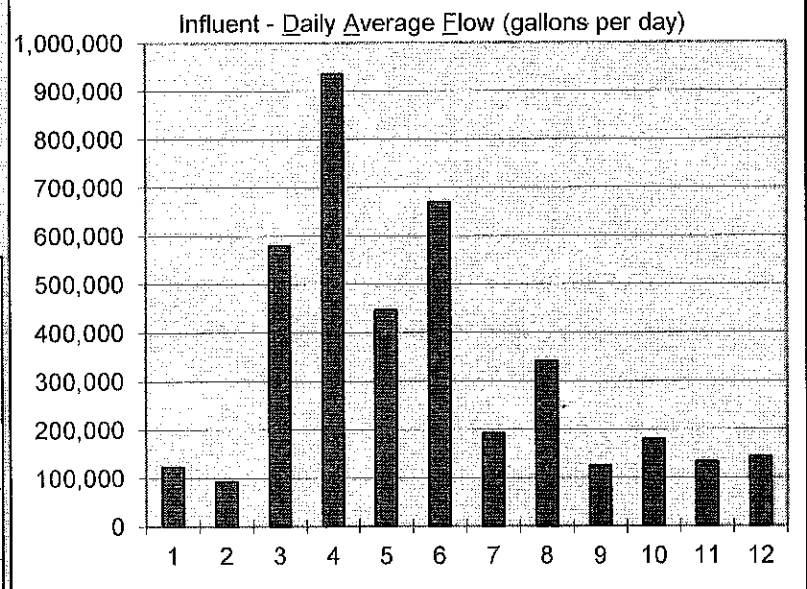
Rainfall totaled 1.76 inches.

Knoxville, Illinois
Wastewater Treatment Plant
Twelve Month Moving Average Report
Submitted by
Bock Inc.

Date		Influent - Daily Average Flow (gallons per day)	Total Electrical Usage (kilowatt hours)	Total Rainfall (inches)
1	January 2026	123,123	61,440	0.88
2	February 2026	92,811	42,240	0.08
3	March 2026	579,616	39,168	5.48
4	April 2026	935,427	30,336	5.45
5	May 2026	446,530	26,496	1.21
6	June 2026	670,250	28,416	9.57
7	July 2026	192,184	27,264	1.76
8	August 2025	340,329	28,416	1.83
9	September 2025	125,427	28,800	0.48
10	October 2025	179,897	32,221	1.92
11	November 2025	133,353	46,464	3.08
12	December 2025	143,723	64,896	5.50
Total		3,962,670	456,157	37.24
Average		609,642	70,178	3.10

Plant Design Average Flow is
660,000 gallons per day

Plant Design Maximum Flow is
1,650,000 gallons per day



Knoxville, Illinois Wastewater Treatment Plant
 Operated by Bock Inc.
 Monthly Report July, 2026

Date	Influent Flow (mgd)	RAS Flow (mgd)	WAS Flow (mgd)	Influent TSS (mg/l)	B01 TSS (mg/l)	TSS % Removal (mg/l)	Influent TSS (lbs/day)	B01 TSS (lbs/day)	TSS % Removal (lbs/day)	Outfall B01				
										pH (std. units)	D.O. (mg/l)	NH3 as (N) (mg/l)	NH3 as (N) (lbs/day)	Fecal Coliform (cfu/100)
7/1/2026	0.344200	0.103300	0.008840											
7/2/2026	0.380100	0.114000	0.008840	68.0	1.2	98.2	216	3.8	98.2	7.98	8.28	0.100	0.3	2,420
7/3/2026	0.493800	0.148100	0.000000											
7/4/2026	0.427200	0.128200	0.000000											
7/5/2026	0.280500	0.084200	0.000000											
7/6/2026	0.262900	0.078900	0.000000											
7/7/2026	0.213900	0.064200	0.008840											
7/8/2026	0.226800	0.068000	0.008840											
7/9/2026	0.223700	0.067100	0.000000											
7/10/2026	0.284100	0.085200	0.000000											
7/11/2026	0.281600	0.084500	0.000000											
7/12/2026	0.291100	0.087300	0.000000											
7/13/2026	0.096500	0.029000	0.000000											
7/14/2026	0.104900	0.031500	0.000000											
7/15/2026	0.143800	0.043100	0.000000											
7/16/2026	0.222800	0.088000	0.000000											
7/17/2026	0.176900	0.053100	0.000000	95	2.4	97.5	140	3.5	97.5	7.63	7.07	0.100	0.2	2,420
7/18/2026	0.140500	0.042200	0.000000											
7/19/2026	0.132600	0.039800	0.000000											
7/20/2026	0.120900	0.036300	0.000000											
7/21/2026	0.119500	0.035900	0.000000											
7/22/2026	0.090800	0.027200	0.000000											
7/23/2026	0.101800	0.030500	0.000000											
7/24/2026	0.083700	0.025100	0.000000											
7/25/2026	0.089700	0.026900	0.000000											
7/26/2026	0.077500	0.023300	0.000000											
7/27/2026	0.060100	0.018000	0.008840											
7/28/2026	0.076000	0.022800	0.008840											
7/29/2026	0.065500	0.019700	0.088400											
7/30/2026	0.077100	0.023100	0.000000											
7/31/2026	0.267400	0.080200	0.000000											
Minimum	0.060100	0.018000	0.000000	68.0	1.2	97.5	140	3.5	97.5	7.63	7.07	<0.100	0.2	2,420
Maximum	0.493800	0.148100	0.088400	95.0	2.4	98.2	216	3.8	98.2	7.98	8.28	<0.100	0.3	2,420
Total	5.957700	1.788700	0.141440	163	3.6	196	356	7.3	196	15.6	15.4	0.200	0.5	4,840
Average	0.192184	0.057700	0.004563	81.5	1.8	97.9	178	3.7	97.9	7.81	7.68	0.100	0.3	2,420

Knoxville, Illinois Wastewater Treatment Plant
 Operated by Bock Inc.
 Monthly Report for July, 2026

Date	Influent BOD (mg/l)	B01 CBOD (mg/l)	BOD % Removal (mg/l)	Influent BOD (lbs/day)	B01 CBOD (lbs/day)	BOD % Removal (lbs/day)	Electrical Usage (kwh's)	High Temperature (degrees F)	Low Temperature (degrees F)	Rainfall (inches)	Snowfall (inches)
7/1/2026							768	89.5	73.6		
7/2/2026	63.0	<4.00	93.7	200	12.7	93.7	768	90.8	71.3		
7/3/2026							1,152	89.7	69.4	0.57	
7/4/2026							768	82.3	66.8		
7/5/2026							768	83.6	67.0		
7/6/2026							768	83.8	62.3		
7/7/2026							768	85.6	62.8		
7/8/2026							768	87.2	69.6		
7/9/2026							768	88.4	67.0		
7/10/2026							1,152	84.1	66.6		
7/11/2026							768	84.2	62.7		
7/12/2026							768	86.0	63.9		
7/13/2026							768	88.8	66.0	0.00	
7/14/2026							768	90.3	67.8		
7/15/2026							1,152	91.1	70.8		
7/16/2026	100.0	<4.0	96.0	186	7.4	96.0	768	90.3	71.9		
7/17/2026							768	88.8	74.8		
7/18/2026							1,152	90.5	67.5		
7/19/2026							768	84.2	65.4		
7/20/2026							768	82.1	71.2	0.28	
7/21/2026							1,152	81.8	59.8		
7/22/2026							768	74.8	55.4		
7/23/2026							1,152	76.5	59.5		
7/24/2026							768	75.4	64.3		
7/25/2026							1,152	80.8	67.0		
7/26/2026							768	89.1	77.8		
7/27/2026							768	93.1	73.6		
7/28/2026							768	84.4	62.1		
7/29/2026							1,152	84.8	59.4		
7/30/2026							768	82.9	67.5		
7/31/2026							1,152	75.9	66.9	0.91	
Minimum	63.0	<4.00	93.7	186	7.4	93.7	768	74.8	55.4	0.00	0.0
Maximum	100.0	<4.00	96.0	200	12.7	96.0	1,152	93.1	77.8	0.91	0.0
Total	163.0	8.00	189.7	385	20.1	189.7	27,264	2,641	2,072	1.76	0.0
Average	81.5	4.00	94.9	193	10.1	94.9	879	85.2	66.8	0.44	

Knoxville, Illinois Wastewater Treatment Plant
 Operated by Bock Inc.
 Monthly Report for July, 2026
 Outfall A01
 Excess Flow Discharge

Date	BOD (mg/l)	TSS (mg/l)	NH3 (as N) (mg/l)	Fecal Coliform (cfu's/100ml)	Flow (mgd)
7/1/2026					0.000000
7/2/2026					0.000000
7/3/2026					0.000000
7/4/2026					0.000000
7/5/2026					0.000000
7/6/2026					0.000000
7/7/2026					0.000000
7/8/2026					0.000000
7/9/2026					0.000000
7/10/2026					0.000000
7/11/2026					0.000000
7/12/2026					0.000000
7/13/2026					0.000000
7/14/2026					0.000000
7/15/2026					0.000000
7/16/2026					0.000000
7/17/2026					0.000000
7/18/2026					0.000000
7/19/2026					0.000000
7/20/2026					0.000000
7/21/2026					0.000000
7/22/2026					0.000000
7/23/2026					0.000000
7/24/2026					0.000000
7/25/2026					0.000000
7/26/2026					0.000000
7/27/2026					0.000000
7/28/2026					0.000000
7/29/2026					0.000000
7/30/2026					0.000000
7/31/2026					0.000000
Minimum					0.000000
Maximum					0.000000
Total					0.000000
Average					0.000000

Knoxville, Illinois Wastewater Treatment Plant
 Operated by Bock Inc.
 Monthly Report for July, 2026
 Outfall 001
 Excess Flow Discharge

Date	D.O. (mg/L)	BOD (mg/L)	pH (Std.Units)	TSS (mg/L)	NH3 (as N) (mg/L)	CL2 Residual (mg/L)	Flow (mgd)
07/01/26							0.344200
07/02/26							0.380100
07/03/26							0.493800
07/04/26							0.427200
07/05/26							0.280500
07/06/26							0.262900
07/07/26							0.213900
07/08/26							0.226800
07/09/26							0.223700
07/10/26							0.284100
07/11/26							0.281600
07/12/26							0.291100
07/13/26							0.096500
07/14/26							0.104900
07/15/26							0.143800
07/16/26							0.222600
07/17/26							0.176900
07/18/26							0.140500
07/19/26							0.132600
07/20/26							0.120900
07/21/26							0.119500
07/22/26							0.090800
07/23/26							0.101800
07/24/26							0.083700
07/25/26							0.089700
07/26/26							0.077500
07/27/26							0.060100
07/28/26							0.076000
07/29/26							0.065500
07/30/26							0.077100
07/31/26							0.267400

Minimum							0.060100
Maximum							0.493800
Total							5.957700
Average							0.192184

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 0040-0004). Responses to this collection of information are made pursuant to the permit and EPA NPDES regulations at 40 CFR 122.41(a)(9)(iv). An agency may not conduct or sponsor a collection of information unless it displays a currently valid OMB control number. The public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, reviewing and revising your answers, and completing and reviewing the collection of information. Send comments on this burden estimate and any suggested method for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (282/T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

[illegible]

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Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit #:	IL0022209	Permittee:	KNOXVILLE, CITY OF	Facility:	KNOXVILLE, CITY OF
Major:	No	Permittee Address:	33 NORTH SIDE PUBLIC SQUARE KNOXVILLE, IL 61448	Facility Location:	507 SOUTH DIVISION STREET KNOXVILLE, IL 61448
Permitted Features:	INF Influent Structure	Discharge:	INF- INFLUENT MONITORING	Status:	Not DMR Validated
Report Dates & Status:	From 07/01/26 to 07/31/26	DMR Due Date:	08/25/26		
Monitoring Period:	Considerations for Form Completion				
BOW ID: W095030002					
Principal Executive Officer		Title:	Chief Operator	Telephone:	309-554-3520
First Name:	Ty				
Last Name:	Cruise				
No Data Indicator (NODI)					
Form NODI:					
Parameter:	Monitoring Location	Sample Permit Rate Value NODI	Sample Permit Rate Value NODI	Quantity or Loading	Quality or Concentration
00310 BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-	0.0216 Run Mon MO AVG	81.5 Run Mon MO AVG
00330 Solids, total suspended	G - Raw Sewage Influent	0	-	0.5877 Run Mon MO AVG	81.5 Run Mon MO AVG
50050 Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	-	00 - MGD Run Mon DAILY MX	00 - MGD

Submission Note
If a parameter row does not contain any values for the Sample or Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

KNOXVILLE, CITY OF

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

RYANTY243
Ty Cruise
tyc2430@gmail.com
2026-08-05 13:26 (Time Zone: -05:00)

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Ty Cruise
tyc2430@gmail.com

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Form Approved OMB No. 2040-0004 expires on 07/01/2006

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This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41 (b)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting burden for this collection of information is estimated to average 2 hours per official, standard error of the Agency's need for this information, the accuracy of the provided data, and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit:	10022209	Permittee:	KNOXVILLE CITY OF	Facility:	KNOXVILLE STP, CITY OF
Major:	No	Permittee Address:	23 NORTH SIDE PUBLIC SQUARE KNOXVILLE, IL 61448	Facility Location:	807 SOUTH DIVISION STREET KNOXVILLE, IL 61448
Permitted Feature:	001 External Outfall	Discharge:	001-0 COMBINED DISCHARGE FROM 801 AND 804	Status:	Not DMR Validated
Report Dates & Status:	From 07/01/25 to 07/31/25	DMR Due Date:	08/29/25	Telephone:	309-354-3520
Monitoring Period:	From 07/01/25 to 07/31/25				
Considerations for Form Completion:	BOV ID: W095000002; NUMBER OF DAYS OF DISCHARGE:				
Principal Executive Officer:		Title:	Chief Operator		
First Name:					
Last Name:					
No Data Indicator (NODI):					
Form NODI:					
Parameter:	Measuring Location:	Station:	Reason NOD:	Quality:	Quantity:
00500 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Sample:	Sample:
00319 BOD, 5-day, 20 deg C	1 - Effluent Gross	0		Sample:	Sample:
00400 pH	1 - Effluent Gross	0		Sample:	Sample:
00500 Solids, total suspended	1 - Effluent Gross	0		Sample:	Sample:
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		Sample:	Sample:
00600 Chlorine, total residual	1 - Effluent Gross	0		Sample:	Sample:
02220 Flow, total	1 - Effluent Gross	0		Sample:	Sample:

Submission Note:
If a parameter row does not contain any values for the Sample, nor Effluent, Tracing, then none of the following fields will be submitted for that row: Units, Number, of Excursions, Frequency of Analysis, and Sample Type.

DMR Check Errors:
No errors.

Comments:

Attachments:

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit #: Major:	IL0022209 No	Permittee Address: Discharge:	KNOXVILLE, CITY OF 33 NORTH SIDE PUBLIC SQUARE KNOXVILLE, IL 61448 A01-0 EXCESS FLOW	Facility Location: Facility:	KNOXVILLE STP, CITY OF 507 SOUTH DIVISION STREET KNOXVILLE, IL 61448
Report Dates & Status Monitoring Period: Considerations for Form Completion BOW ID: W085030002: NUMBER OF DAYS OF DISCHARGE: Principal Executive Officer	From 07/01/26 to 07/31/26	DIR Due Date:	08/25/26	Status:	Not DMR Validated
First Name: Last Name: No Data Indicator (NOD): Form NOD:	Ty Cruse - -	Title:	Chief Operator	Telephone:	305-854-3520
Permit Name: Permittee Name: Permittee Address: Permittee City/State/Zip:	Permit Name: Permittee Name: Permittee Address: Permittee City/State/Zip:	Quantity of Loading: Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Quality or Consumption: Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Unit: Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Est Ex: Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross 0	Sample Period (Date/Time) Value NOD	Reg Mon MO AVG C - No Discharge	18 - mg/L	D/D/S - Daily When Discharging GR - Grab
00530 Solids, total suspended	1 - Effluent Gross 0	Sample Period (Date/Time) Value NOD	Reg Mon MO AVG C - No Discharge	18 - mg/L	D/D/S - Daily When Discharging GR - Grab
00510 Nitrogen, ammonia total [as N]	1 - Effluent Gross 0	Sample Period (Date/Time) Value NOD	Reg Mon DAILY MAX C - No Discharge	18 - mg/L	D/D/S - Daily When Discharging GR - Grab
74855 Calcium, total general	1 - Effluent Gross 0	Sample Period (Date/Time) Value NOD	Reg Mon DAILY MAX C - No Discharge	18 - mg/L	D/D/S - Daily When Discharging GR - Grab
62220 Flow, total	1 - Effluent Gross 0	Sample Period (Date/Time) Value NOD	Reg Mon MO TOTAL C - No Discharge	80 - gpm	D/D/S - Daily When Discharging GR - Continuous

Submission Note
If a parameter row does not contain any values for the Sample, not Effluent, Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Editor Check Errors
No errors.

Comments

Attachments
No attachments.

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KNOXVILLE, CITY OF

User
RYANTY243

Name
Ty Cruse

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tyc24380@gmail.com