

RECEIVED

JUL 15 2025

CITY OF KNOXVILLE

BOCK INC.
MONTHLY REPORT FOR
June, 2025

SUBMITTED BY: SB

June, 2025

IEPA SUMMARY

There were no communications with IEPA.

MAINTENANCE SUMMARY

BOCK Inc. performed preventive maintenance for 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 275 months.

OPERATIONS SUMMARY

Influent flow averaged 361,907 gallons per day.

Electricity used totaled 25,728 kilowatt hours.

Rainfall totaled 4.83 inches.

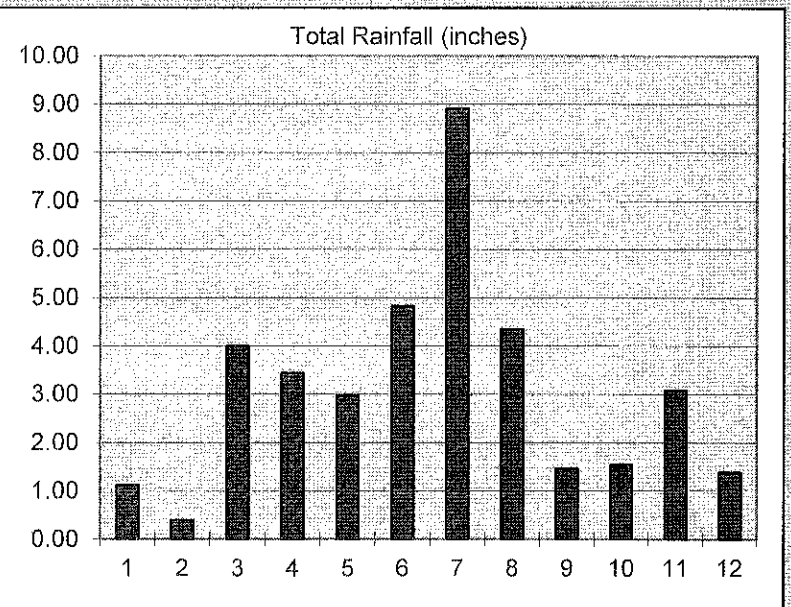
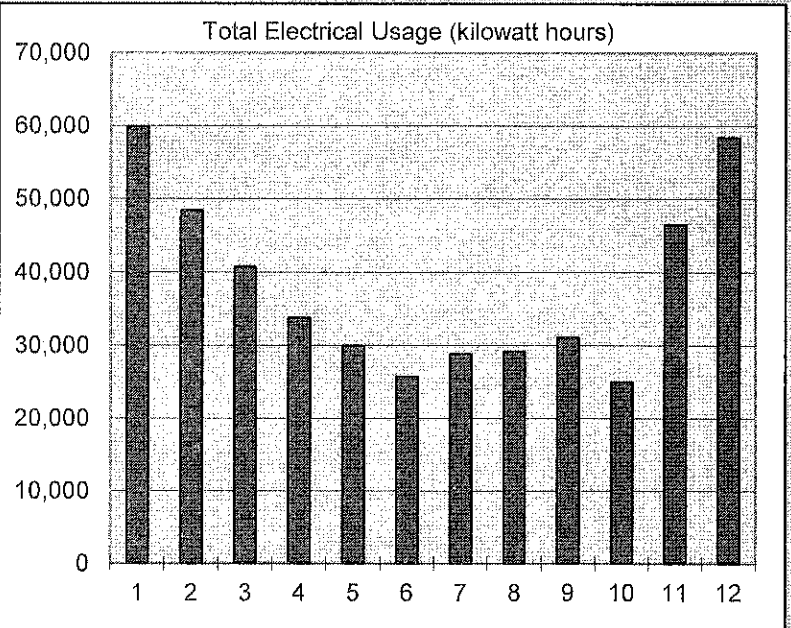
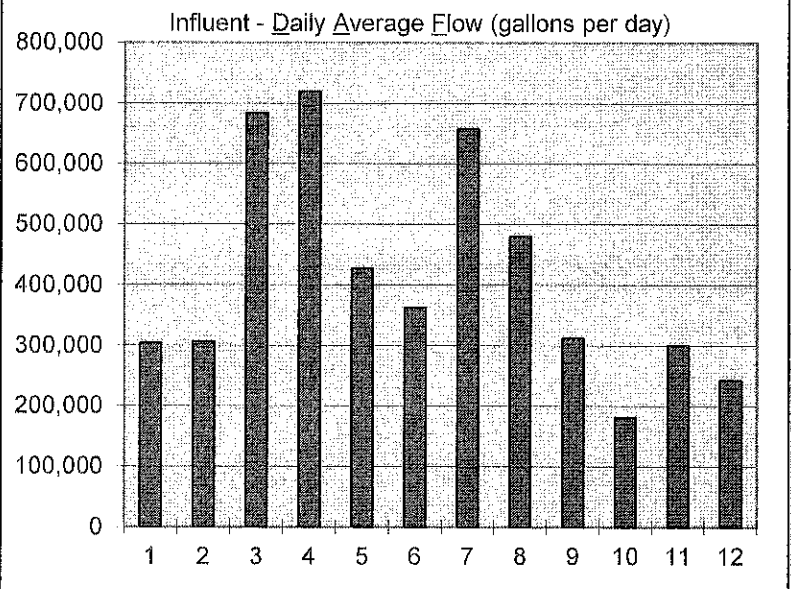
We experienced 0 days of excess flow discharge from outfall A01.

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 2025	303,742	59,904	1.12
2	February 2025	306,543	48,384	0.38
3	March 2025	684,384	40,704	4.00
4	April 2025	719,240	33,792	3.44
5	May 2025	427,658	29,952	2.97
6	June 2025	361,907	25,728	4.83
7	July 2024	657,816	28,792	8.91
8	August 2024	480,132	29,184	4.35
9	September 2024	312,203	31,104	1.46
10	October 2024	179,897	24,960	1.54
11	November 2024	300,413	46,464	3.08
12	December 2024	242,142	58,368	1.39
Total		4,976,077	457,336	37.47
Average		765,550	70,359	3.12

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 June, 2025

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)
6/1/2025	0.220500	0.066200	0.000000											
6/2/2025	0.101000	0.101000	0.000000											
6/3/2025	0.612000	0.183600	0.000000											
6/4/2025	0.648200	0.194500	0.000000											
6/5/2025	0.420200	0.126100	0.000000											
6/6/2025	0.391400	0.117400	0.000000											
6/7/2025	0.309100	0.092700	0.000000											
6/8/2025	0.287600	0.086300	0.000000											
6/9/2025	0.257200	0.077200	0.000000											
6/10/2025	0.244100	0.073200	0.008840											
6/11/2025	0.254100	0.076200	0.000000											
6/12/2025	0.246200	0.073900	0.008840	171.0	1.8	98.9	351	3.7	98.9	7.61	7.65	0.100	0.2	1,990
6/13/2025	0.318600	0.095600	0.000000											
6/14/2025	0.226800	0.068000	0.000000											
6/15/2025	0.232800	0.069800	0.000000											
6/16/2025	0.242500	0.072800	0.000000											
6/17/2025	0.277400	0.083200	0.000000											
6/18/2025	0.436900	0.131100	0.013260											
6/19/2025	0.312500	0.093800	0.000000											
6/20/2025	0.449100	0.134800	0.000000											
6/21/2025	0.293200	0.088000	0.000000											
6/22/2025	0.261900	0.078600	0.000000											
6/23/2025	0.230700	0.069200	0.000000											
6/24/2025	0.515500	0.154700	0.000000											
6/25/2025	0.774600	0.232400	0.008840											
6/26/2025	0.620400	0.186100	0.000000											
6/27/2025	0.578300	0.173500	0.000000	45	2.6	94.2	217	12.5	94.2	7.38	7.65	0.100	0.5	2,420
6/28/2025	0.414700	0.124400	0.000000											
6/29/2025	0.350500	0.105200	0.000000											
6/30/2025	0.329200	0.098800	0.000000											
Minimum	0.101000	0.066200	0.000000	45.0	1.8	94.2	217	3.7	94.2	7.38	7.65	<0.100	0.2	1,990
Maximum	0.774600	0.232400	0.013260	171.0	2.6	98.9	351	12.5	98.9	7.61	7.65	<0.100	0.5	2,420
Total	10.857200	3.328300	0.039780	216	4.4	193	568	16.2	193	15.0	15.3	0.200	0.7	4,410
Average	0.361907	0.110943	0.001326	108.0	2.2	96.6	284	8.1	96.6	7.50	7.65	0.100	0.4	2,205

Knoxville, Illinois Wastewater Treatment Plant
 Operated by Bock Inc.
 Monthly Report for June, 2025

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)
6/1/2025							768	83.1	49.3		
6/2/2025							768	84.0	60.3		
6/3/2025							1,152	80.9	62.4	1.38	
6/4/2025							768	67.6	53.6		
6/5/2025							1,152	77.0	58.7		
6/6/2025							768	79.3	57.2		
6/7/2025							384	79.3	55.3	0.03	
6/8/2025							1,152	79.6	52.9	0.01	
6/9/2025							768	70.3	49.5		
6/10/2025							768	77.5	59.1		
6/11/2025							768	87.4	61.2		
6/12/2025	150.0	<4.00	97.3	308	8.2	97.3	1,152	82.7	67.2	0.07	
6/13/2025							1,152	74.3	64.9	0.21	
6/14/2025							768	81.2	62.9		
6/15/2025							768	81.0	66.0		
6/16/2025							1,152	85.0	68.2		
6/17/2025							768	88.1	66.5	0.06	
6/18/2025							768	75.5	63.8	0.67	
6/19/2025							384	82.5	65.0		
6/20/2025							768	82.9	67.3	0.33	
6/21/2025							768	90.7	74.9		
6/22/2025							768	90.2	73.3		
6/23/2025							768	90.2	71.9		
6/24/2025							1,152	89.0	70.9	1.25	
6/25/2025							768	87.0	72.6	0.51	
6/26/2025	40	<4.00	90.0	207	20.7	90.0	1,152	88.9	70.1	0.31	
6/27/2025							768	84.6	64.5		
6/28/2025							768	89.4	70.2		
6/29/2025							768	84.5	67.7		
6/30/2025							1,152	86.1	63.4		

Minimum	40.0	<4.00	90.0	207	8.2	90.0	384	67.6	49.3	0.01	0.0
Maximum	150.0	<4.00	97.3	308	20.7	97.3	1,152	90.7	74.9	1.38	0.0
Total	190.0	8.00	187.3	515	28.9	187.3	25,728	2,480	1,911	4.83	0.0
Average	95.0	4.00	93.7	258	14.5	93.7	858	82.7	63.7	0.44	

Knoxville, Illinois Wastewater Treatment Plant
 Operated by Bock Inc.
 Monthly Report for June, 2025
 Outfall A01
 Excess Flow Discharge

Date	BOD (mg/l)	TSS (mg/l)	NH3 (as N) (mg/l)	Fecal Coliform (cfu's/100ml)	Flow (mgd)
6/1/2025					0.000000
6/2/2025					0.000000
6/3/2025					0.000000
6/4/2025					0.000000
6/5/2025					0.000000
6/6/2025					0.000000
6/7/2025					0.000000
6/8/2025					0.000000
6/9/2025					0.000000
6/10/2025					0.000000
6/11/2025					0.000000
6/12/2025					0.000000
6/13/2025					0.000000
6/14/2025					0.000000
6/15/2025					0.000000
6/16/2025					0.000000
6/17/2025					0.000000
6/18/2025					0.000000
6/19/2025					0.000000
6/20/2025					0.000000
6/21/2025					0.000000
6/22/2025					0.000000
6/23/2025					0.000000
6/24/2025					0.000000
6/25/2025					0.000000
6/26/2025					0.000000
6/27/2025					0.000000
6/28/2025					0.000000
6/29/2025					0.000000
6/30/2025					0.000000
Minimum					0.000000
Maximum					0.000000
Total					0.000000

Knoxville, Illinois Wastewater Treatment Plant
 Operated by Bock Inc.
 Monthly Report for June, 2025
 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)
06/01/25							0.220500
06/02/25							0.101000
06/03/25							0.612000
06/04/25							0.648200
06/05/25							0.420200
06/06/25							0.391400
06/07/25							0.309100
06/08/25							0.287600
06/09/25							0.257200
06/10/25							0.244100
06/11/25							0.254100
06/12/25							0.246200
06/13/25							0.318600
06/14/25							0.226800
06/15/25							0.232800
06/16/25							0.242500
06/17/25							0.277400
06/18/25							0.436900
06/19/25							0.312500
06/20/25							0.449100
06/21/25							0.293200
06/22/25							0.261900
06/23/25							0.230700
06/24/25							0.515500
06/25/25							0.774600
06/26/25							0.620400
06/27/25							0.578300
06/28/25							0.414700
06/29/25							0.350500
06/30/25							0.329200

Minimum							0.101000
Maximum							0.774600
Total							10.857200
Average							0.361907

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Form Approved OMB No. 2040-0004 expires on 07/31/2025

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Permit No. E0022203 Facility Name No. 001 External Discharge		Permittee KNOXVILLE CITY OF Facility Address 33 NORTH SIDE PUBLIC SQUARE KNOXVILLE, IL 61448 Discharge 001-0 COMBINED DISCHARGE FROM A01 AND B01 Discharge Date 07/29/25		Facility KNOXVILLE STP Facility Location 507 SOUTH DIVISION STREET KNOXVILLE, IL 61448 Status NotDMR Validated Telephone 008-822-2789	
Reporting Period: From 06/01/25 to 06/30/25 Consolidation for Form Completion: BOW ID: W095030002 NUMBER OF DAYS OF DISCHARGE Principal Executive Officer: Stanley Bockewitz Last Name: Bockewitz No. Days of Absence (MOY): 0 Form NDDI: 0		Title: Chief Operator Signature: [Signature] Date: 07/29/25		Signature: [Signature] Date: 07/29/25	
00300 Oxygen, dissolved [DO] 1 - Effluent Gross 0		00310 BOD 5-day, 20 deg. C 1 - Effluent Gross 0		00400 pH 1 - Effluent Gross 0	
00530 Solids, total suspended 1 - Effluent Gross 0		00510 Nitrogen, ammonia total [as N] 1 - Effluent Gross 0		00505 Chlorine, total residual 1 - Effluent Gross 0	
02220 Flow, total 1 - Effluent Gross 0		02220 Flow, total 1 - Effluent Gross 0		02220 Flow, total 1 - Effluent Gross 0	

Submissions Note: If a parameter row does not contain any values for the Sample, nor 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:

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Form ID:	10022208	Permittee:	KNOXVILLE CITY OF	Facility:	KNOXVILLE STP
Major:	No	Permittee Address:	23 NORTH SIDE PUBLIC SQUARE KNOXVILLE, IL 61148	Facility Location:	507 SOUTH DIVISION STREET KNOXVILLE, IL 61148
Permitted Features:	AOI External Outfall	Discharge:	AOI-B EXCESS FLOW	Status:	Not DMR Validated
Report Dates & Status:	From 06/01/25 to 06/30/25	Clear Due Date:	07/25/25		
Membership Period:	From 06/01/25 to 06/30/25				
Considerations for Permit Modification:					
BOJ ID: W06070002, NUMBER OF DAYS OF DISCHARGE:					
Physical Description:					
First Name:	Stanley	Chief Operator:			
Last Name:	Bockewitz				
No Date Recorder (NOCD):					
Form NOCD:					
State:		County:		City:	
Zip:		Latitude:		Longitude:	
00310 BOD, 5-day, 20 deg. C	1 Effluent Gross	0		Reg Mon NO AVG	19 - mg/L
				C - No Discharge	
00530 Solids, total suspended	1 Effluent Gross	0		Reg Mon NO AVG	19 - mg/L
				C - No Discharge	
00610 Nitrogen, ammonia total (as N)	1 Effluent Gross	0		Reg Mon DAILY MX	19 - mg/L
				C - No Discharge	
74055 Coliform, fecal general	1 Effluent Gross	0		Reg Mon DAILY MX	13 - #/100mL
				C - No Discharge	
82220 Flow, total	1 Effluent Gross	0		Reg Mon NO TOTAL	80 - Mgal/mo
				C - No Discharge	

Submitter's 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.

Field Check Errors

No errors.

Comments:

Attachments:

No attachments.

Report last saved by
KNOXVILLE CITY OF

User:

Name:

Email:

bckewitz92

Stanley Bockewitz

stan@bckewitz.net

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Form Approved OMB No. 2040-0004 expires on 07/31/2025

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Permit No. IL0022209 Project: No Report Dates & Status: From 06/01/25 to 06/30/25 Monitoring Period: From 06/01/25 to 06/30/25 Considerations for Permit Completion: SON ID: W08S030002 Permittee Executive Officer: Stanley Beckevitz Facility Name: Stanley Beckevitz Legal Name: Stanley Beckevitz No. Discharge Location (NODL): No NODL Form NODL: No NODL		Point-to-Point: KNOXVILLE, CITY OF Permittee Address: 93 NORTH SIDE PUBLIC SQUARE KNOXVILLE, IL 67149 Discharge: B01-0 STE INTERNAL DUTY ALL Other Due Date: 07/25/25 Chief Operator: [Signature] Signature: [Signature]		Facility Location: KNOXVILLE STE 507 SOUTH DIVISION STREET KNOXVILLE, IL 67149 NADES Validated: 309-452-2759							
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample Date: 06/01/25	Sample Time: 12:00 PM	Sample Location: 7.38	Sample Method: S.O.	Sample Result: 7.65	Sample Unit: mg/L	Frequency: 02/20 - Twice Per Month	Compliance: CR - Good
00400 pH	1 - Effluent Gross	0	-	Sample Date: 06/01/25	Sample Time: 12:00 PM	Sample Location: 7.38	Sample Method: S.O.	Sample Result: 7.65	Sample Unit: mg/L	Frequency: 02/20 - Twice Per Month	Compliance: CR - Good
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample Date: 06/01/25	Sample Time: 12:00 PM	Sample Location: 7.38	Sample Method: S.O.	Sample Result: 7.65	Sample Unit: mg/L	Frequency: 02/20 - Twice Per Month	Compliance: CR - Good
00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	-	Sample Date: 06/01/25	Sample Time: 12:00 PM	Sample Location: 7.38	Sample Method: S.O.	Sample Result: 7.65	Sample Unit: mg/L	Frequency: 02/20 - Twice Per Month	Compliance: CR - Good
00610 Nitrogen, ammonia total [as N]	8 - Other Treatment, Process	1	-	Sample Date: 06/01/25	Sample Time: 12:00 PM	Sample Location: 7.38	Sample Method: S.O.	Sample Result: 7.65	Sample Unit: mg/L	Frequency: 02/20 - Twice Per Month	Compliance: CR - Good
90050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Date: 06/01/25	Sample Time: 12:00 PM	Sample Location: 7.38	Sample Method: S.O.	Sample Result: 7.65	Sample Unit: mg/L	Frequency: 02/20 - Twice Per Month	Compliance: CR - Good
50060 Chlorine, total residual	1 - Effluent Gross	0	-	Sample Date: 06/01/25	Sample Time: 12:00 PM	Sample Location: 7.38	Sample Method: S.O.	Sample Result: 7.65	Sample Unit: mg/L	Frequency: 02/20 - Twice Per Month	Compliance: CR - Good

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

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Parent:	IL002208	Permittee:	ANOXVILLE CITY OF	Facility:	KNOXVILLE STP
Major:	No	Permittee Address:	23 NORTH SIDE PUBLIC SQUARE KNOXVILLE, IL 61148	Facility Location:	507 SOUTH DIVISION STREET KNOXVILLE, IL 61148
Permitted Features:	NF Inland Structure	Ductile:	WFL EFFLUENT MONITORING		
Report Dates & Status					
Monitoring Period:	From 06/01/25 to 06/30/25	Days Due Data	07/25/25	Status:	Not Yet Validated
Consolidations for Data Comparison					
Reporting Period:	BOW ID: W0850300002				
Principal Executive Officer:	Stanley Bockwitz	Title:	Chief Operator	Telephone:	208-852-2789
First Name:	Stanley				
Last Name:	Bockwitz				
File Date Indicator (Y/N/D)	-				
Form NO.01					
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0		
00530	Solids, total suspended	G - Raw Sewage Influent	0		
00550	Flow, In conduit or thru treatment plant	G - Raw Sewage Influent	0		
Subsidiary No.:					
Editor's Check Errors					
No errors					
Comments:					
Affected:					
No equipment:					
Report Last Saved By	Report: Last Saved By				
KNOXVILLE CITY OF	KNOXVILLE CITY OF				
User:	bockwitz392				
Name:	Stanley Bockwitz				
E-Mail:	stanb@knoxvil.gov				
Date/Time:	2025-07-15 11:37 (Time Zone: -05:00)				
Report Last signed By:	bockwitz392				
User:	Stanley Bockwitz				
Name:	Stanley Bockwitz				
E-Mail:	stanb@knoxvil.gov				