



June 16, 2025

RE: Veolia Monthly Operating Report

Mrs. Peggy Bateman
City Clerk
CITY OF LINCOLN
700 Broadway St.
Lincoln, IL 62656

Dear Peggy Bateman:

Enclosed please find Veolia's monthly operations report for April 2025, it contains information on the following topics:

- 1.0 Influent and Effluent Quality
- 2.0 Facility Operations
- 3.0 Preventive and Unscheduled Maintenance
- 4.0 Facility Safety and Training
- 5.0 Sludge Dewatering Operations
- 6.0 Pretreatment Program
- 7.0 Additional Service Activities
- 8.0 Maintenance and Repair Account

Veolia appreciates the opportunity to provide service to the City of Lincoln. Please feel free to contact us if you have questions about this report, or any other aspect of our operation and maintenance of the City's wastewater facilities.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andrew Bowns', with a stylized flourish at the end.

Andrew Bowns
Project Manager
150 W. Kickapoo St.
Lincoln, IL 62656
Phone – 217-732-4030
Cell – 217-737-3160
Andrew.Bowns@veolia.com

TABLE OF CONTENTS

Operations and Maintenance
1.0 Influent and Effluent Quality
2.0 Facility Operations
3.0 Preventive and Unscheduled Maintenance
4.0 Facility and Safety Training
5.0 Sludge Dewatering Operations
6.0 Pretreatment Program
7.0 Additional Service Activities
8.0 Maintenance and Repair Account

OPERATIONS AND MAINTENANCE

1.0 Influent and Effluent Quality

Table 1.0 shows Influent quality entering the wastewater treatment facility for this reporting period.

Table 1.0 Influent Quality

Parameter	Monthly Average MG/L	IEPA Permit Limits MG/L
Biological Oxygen Demand (BOD)	117	No Permit Limit
Total Suspended Solids (TSS)	145	No Permit Limit
Phosphorus	X.XX**	No Permit Limit
Ammonia-Nitrogen (NH ₃ -N)	7.72	No Permit Limit

**We are currently not testing the Influent phosphorus. It is not required that we test the influent phosphorus per our IEPA permit. This is an added cost which we are not required to incur at this time. I expect this to change once we start the system phosphorus optimization plan that is required by the IEPA.

Effluent quality met NPDES permit limitations for this reporting period.

Table 1.1 below compares effluent quality data with the respective NPDES permit limits.

Table 1.1 Effluent Quality

Parameter	Monthly Average MG/L	IEPA Permit Limits MG/L
Carbonaceous Biological Oxygen Demand (CBOD)	1.49	20.0
Total Suspended Solids (TSS)	6.69	25.0
Phosphorus	0.70	Monitor Only
Ammonia-Nitrogen (NH ₃ -N)	0.04	1.5 Monthly AVG. Mar - May 1.5 Monthly AVG. Jun - Aug 1.5 Monthly AVG. Sept - Oct 3.7 Daily Max Nov-Feb

2.0 Facility Operations

During the month of April 2025, 137.512 million gallons of wastewater was treated and discharged to the stream.

The April Discharge Monitoring Reports were submitted to IEPA and USEPA electronically.

Required effluent samples were collected and sent to Pace Laboratories for the monthly TKN and T-Phos testing. These results were submitted to IEPA.

Veolia monitored the influent flow, effluent flow, pumping rates, pump capacity, and pump activity for all lift station pumps.

Andrew Bowns submitted the Monthly Operations Report to the City and answered questions associated with the report.

3.0 Preventive and Unscheduled Maintenance

Veolia completed 25 preventive and unscheduled work orders.

Listed below are highlights of unscheduled maintenance activities completed:

Location	Equipment	Issue
Multiple	Catch Basins	Raised catch basins for repaving
Plant	Grit Pump	Failed - No more band-aids, wait for replacement from 145 upgrade
CL2 Building	Tubing	Replaced tubing prior to chlorination start
145 Influent Pumping Station	Pump VFDs	VFDs replacement complete
SBS Building	N/A	Working on the design with CMT on the new SBS building.

4.0 Facility Safety and Training

Staff completed the following safety training:

- High Risk Management Standards

The Lincoln Wastewater Treatment Facility has worked 9,738 days since our last lost time day.

5.0 Sludge Dewatering Operations

The facility processed 193,396 gallons of Waste Activated Sludge (WAS) through the belt-press dewatering process during this reporting period. This will equate to roughly 64.6 yards of dry sludge produced during this reporting period. The dry sludge was transported and stored in our dry sludge facility on-site. During the month of March 82.60 tons were hauled to the landfill for disposal. During the month of April 0 tons were hauled to the landfill for disposal. During the month of May 0 tons were hauled to the landfill for disposal. During the month of June 432.35 tons were hauled to the landfill for disposal. During the month of July 0 tons were hauled to the landfill for disposal. During the month of August 415.32 tons were hauled to the landfill for disposal. During the month of September 0 tons were hauled to the landfill for disposal. During the month of October 0 tons were hauled to the landfill for disposal. During the month of November 1894 yards of sludge were land applied on the field normally used. This is the first time in 2 years that sludge storage has been empty. During the month of December 0 tons were hauled to the landfill for disposal. During the month of January 0 tons were hauled to the landfill for disposal. During the month of February 0 tons were hauled to the landfill for disposal. During the month of March 0 tons were hauled to the landfill for disposal. During the month of April 0 tons were hauled to the landfill for disposal.

6.0 Pretreatment Program

N/A (Currently)

7.0 Additional Service Activities

8.0 Maintenance and Repair Account

The facility had M&R expenses of \$21,791.69 for this reporting period. M&R expenses total all invoices paid directly by Veolia for the contracted operation. The contracted amount for FY 2024-2025 is \$90,658.44. The total spend for FY 2024-2025 is currently \$97,642.96; which is 107.70% of the yearly M&R budget. The yearly true up will not occur til July due to trailing cost capture.