

Director of Compliance and Innovation Report

February 19, 2026

Plant Loading, CSO Report, and Director's Notes

Plant Influent Report:

Biochemical Oxygen Demand, 5-Day (Avg. 28244 lbs/day)	44 percent of design
Total Suspended Solids (Avg. 44741 lbs/day)	41 percent of design
Average Daily Flow (29.97 million gallons/day)	73 percent of design
Maximum Daily Flow (32.69 million gallons/day)	26 percent of design
Plant Influent Total Monthly Flow (million gallons) for December	849.91
Estimated Unbilled Total Monthly Flow (million gallons)	169.92
Total Monthly Precipitation (inches)	2.70

Plant Effluent Report:

Parameter	Report Frequency	Permit Limits	Reported Values	Violations
CBOD ₅ , mg/L	Mo./Wk. Avg	20/40	2/3	0
TSS, mg/L	Mo./Wk. Avg	25/45	5/11	0
NH ₃ -N, mg/L	Mo. Avg/Daily Max	1.5/3.0	0.12/0.14	0
DO, mg/L	Mo. Avg/Wk. Avg/Daily Min	6.0/4.5/4.0	8.32/7.95/7.93	0
pH, S.U.	Daily Min/Max	6.0/9.0	7.65/8.25	0
Total Nickel, mg/L	Mo. Avg	0.0381	0.016	0
Cl ₂ Residual, mg/L	Daily Max	0.05	NA	0
Fecal Coliform CFU/100mL	Daily Max	400	NA	0

CSO Report:

Location	Events	Est. Total Duration of Discharges (hrs.)	Discharge (million gallons)
Oakland Avenue (Outfall 003)	0	NA	NA
Lincoln Park (Outfall 004)	0	NA	NA
McKinley Avenue (Outfall 007)	0	NA	NA
Seventh Ward (Outfall 008)	0	NA	NA

Director's Notes:

Compliance Reporting:

In accordance with the requirements of our facility the District submitted a Tier II report, Nonhazardous Special Waste Annual Report and annual 503 sludge report. The District's Land Application of Sewage Sludge Permit is expiring on May 31, 2026, so a renewal application has been submitted to the agency.

Chemical Bids:

Chemical bid requests are being prepared and will be sent out this month for 28% Liquid Urea-Ammonium Nitrate (UAN), Sodium Hypochlorite, and Ferrous Chloride. Bids will allow the District to ensure that the best rate is obtained. Bids will be publicly opened and read aloud on March 31, 2026.

Staff Training Activities:

Tim Gordon, Brian Wise, Brandi Rosenberger and Keith Richard attended the Central Illinois Professional Wastewater Operators (CIPWO) winter meeting at Urbana Champaign Sanitary District (UCSD) in Champaign on January 28, 2026. The meeting included presentations from two speakers on the topics of treatment plant upgrades for nutrient removal and the fundamentals of biological treatment.

Operations, Laboratory, and Pretreatment Activity Reports – January/February 2026Operations Activities Summary:

Routine operational activities were carried out in accordance with established procedures and in response to plant conditions. These activities encompassed equipment operation, monitoring and adjustment, process control testing, recordkeeping, and interdepartmental coordination to ensure optimal plant performance.

1) **Digester Pumping Alternatives-**

Operations and Maintenance personnel have been evaluating alternative methods for transferring material from Primary Digester #2 to the Secondary Digester due to recurring pump blockages.

2) **Preventive Maintenance (PM)-**

Operations staff continue to address preventive maintenance tasks as permitted by current time constraints, workload demands, and staffing levels.

3) **Standard Operating Procedures (SOPs)-**

Efforts to develop and refine SOPs are ongoing, with staff actively engaged in documentation and procedural improvements.

4) **Blower Usage**

Blower demand was lower this month. For the majority of the period, two blowers were sufficient to meet operational needs.

Laboratory Activities:**Routine:**

A total of 1,705 analyses were performed in the laboratory during the month of January 2026.

Monitoring of treatment plant, industrial users, and receiving stream samples for compliance purposes and process monitoring continued. Laboratory personnel continued to perform additional background nutrient monitoring to help fully characterize the nutrient loading on the plant.

Non-Routine:

- 1) The SDD laboratory continued to send samples of raw influent weekly throughout January 2026 for the Illinois Wastewater Surveillance System (IWSS). Levels of COVID have increased while influenza A, influenza B, and RSV have had some detections in the recent samples. Keith Richard attended the monthly IWSS virtual meeting on January 23, 2026.

- 2) Keith Richard, Jennifer Brand and Tishia Greve attended a webinar focused on discrete analyzer troubleshooting hosted by SEAL Analytical on January 27, 2026. The webinar provided helpful troubleshooting tips for our AQ2 discrete analyzer that is used for the analysis of nutrients and anions.
- 3) Keith Richard attended the Central Illinois Professional Wastewater Operators (CIPWO) winter meeting at the Urbana Champaign Sanitary District on January 28, 2026. There were two speakers covering the topics of treatment plant upgrades for nutrient removal and the fundamentals of biological treatment.
- 4) Keith Richard attended the "Dollars and Sense in the Lake Decatur Watershed" workshop in Decatur on January 29, 2026. The workshop was focused on updating the attendees on the successes of the City of Decatur's efforts to decrease the amount of sediment and nutrients entering Lake Decatur from the Upper Sangamon River Watershed. There were also speakers discussing the various programs available to local farmers to prevent sediment and nutrient loss from their fields. The SDD laboratory has provided analytical support for the City of Decatur's watershed projects.

Pretreatment Activities:

Pretreatment - General Activities:

- 1) Pretreatment personnel monitored 7 commercial and industrial users (IU) during January 2026. There were 0 industrial site inspections completed.
- 2) There was one permit issued to **Caterpillar, Inc.** in January 2026.
- 3) Sampling for **Tillamook** continued in January. They failed on two of their four TSS samples, which led them to a monthly average TSS violation, and they also failed two of their four BOD samples, which led them to a monthly average BOD violation. There were also two slugs attributed to **Tillamook** in January, along with two violations for Total FOG and Non-Polar FOG.
- 4) As of January 1st, the SDD signed a user agreement contract with **Klir** for their pretreatment software. An introductory meeting was held on the 10th of February, and integration process has commenced.
- 5) The SDD has signed the AOC issued by the USEPA, and the USEPA returned the signed AOC on January 26th, officially making the AOC effective. Pretreatment staff is working through the first item on the agenda, a recalculation of ADM's BOD, TSS, and Ammonia limits using an updated flow average of 16 MGD. This calculation will result in a reduced limit for those three parameters.

Pretreatment Ordinance - Verbal Notices:

SDD issued a total of 13 Verbal Notices to **Tillamook, Stripmasters, HR Ewell, and Primient** in January 2026:

- **Tillamook (10 Violations):**
 - TSS Daily Max (2): 1/13/2026 – 1/14/2026
 - TSS Monthly Average
 - BOD Daily Max (2): 1/12/2026 – 1/13/2026
 - BOD Monthly Average
 - Slug loads (2) on 1/7/2026 and 1/11/2026
 - Total FOG and Total Non-Polar FOG: 1/9/2026
- **Stripmasters (1 Violation):**
 - BOD Daily Max: 1/6/2026
- **Primient (1 Violation):**
 - BOD Daily Max: 1/27/2026

- **HR Ewell (1 Violation):**
 - BOD Daily Max: 1/28/2026

Pretreatment Ordinance - Warning Notices (WN):

There were no WN's issued during January 2026.

Pretreatment Ordinance - Notices of Violation (NOV):

There were no NOV's issued during January 2026.

Pretreatment Ordinance - Executive Orders (EO):

There were no EO's issued during January 2026.

Pretreatment Ordinance - Penalty Assessments:

The following industrial penalties were assessed for January 2026.

- **Tillamook** - \$58,000
- **Primient** - \$1,000

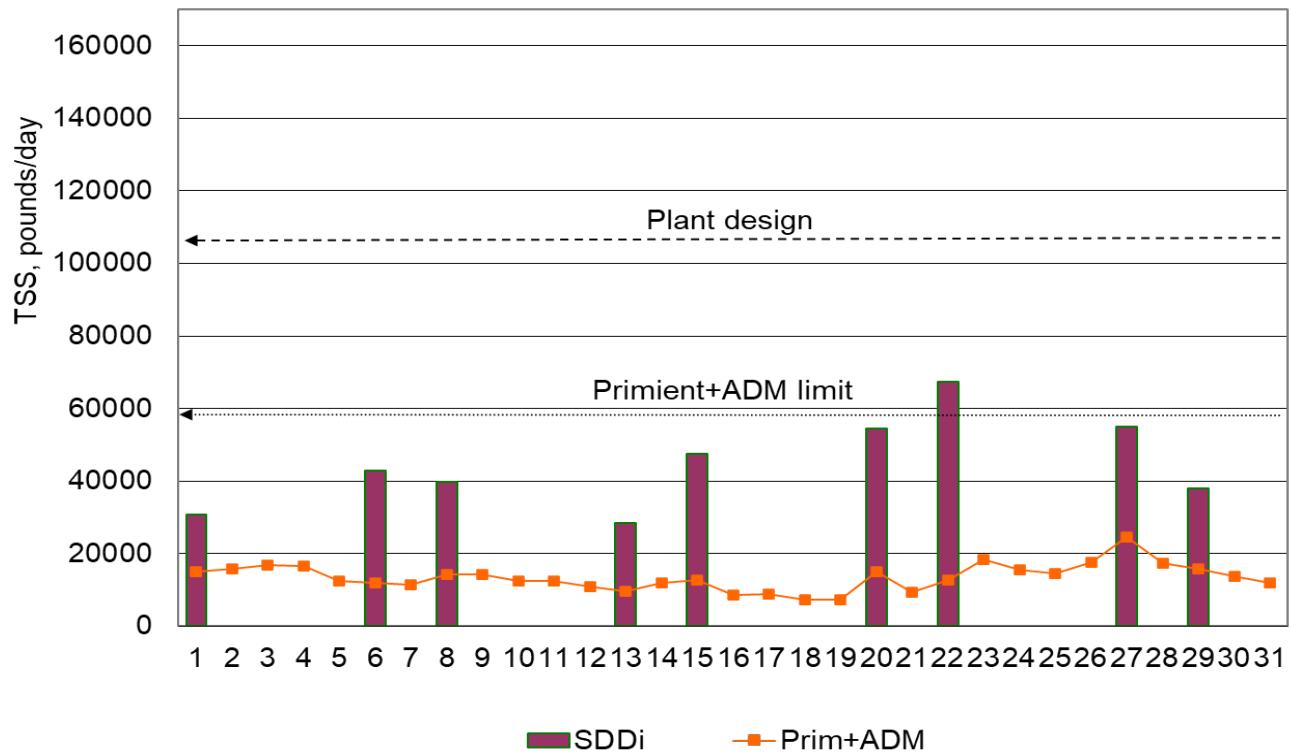
Nutrient Program Report:

NARP/Integrated Planning:

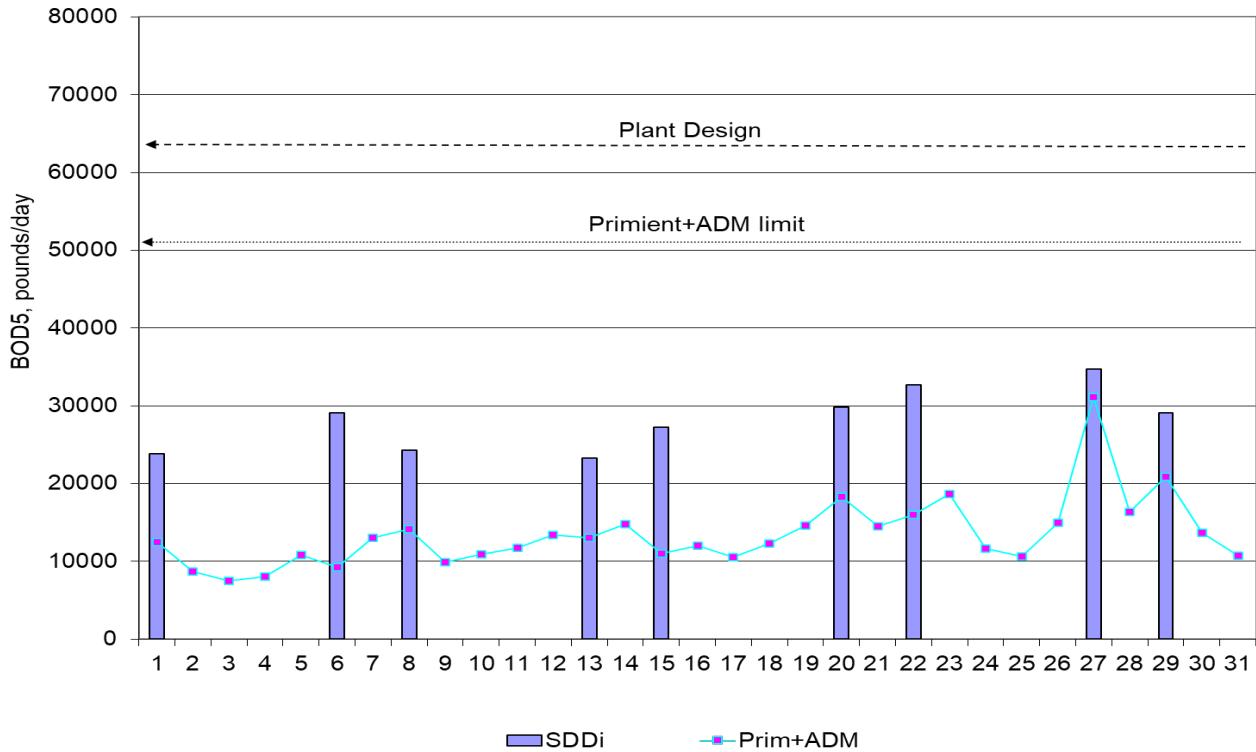
Once the District receives the City's approval of the revised draft of the Memorandum of Understanding (MOU) it will be distributed to stakeholders for review by their respective legal teams. The District is also working with Geosyntec for a workplan schedule to be discussed in the next scheduled meeting.

Plant Operating Graphs:

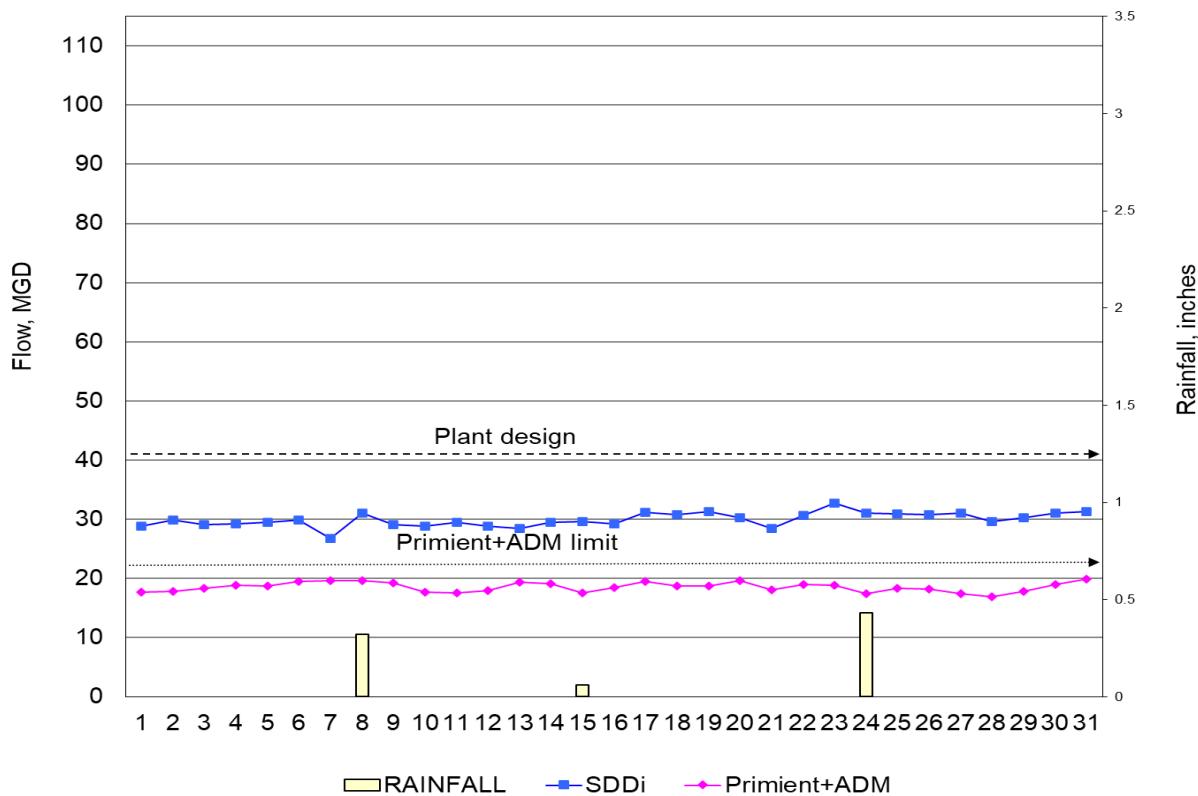
TSS Comparison: SDD Inf Primient+ADM Discharges



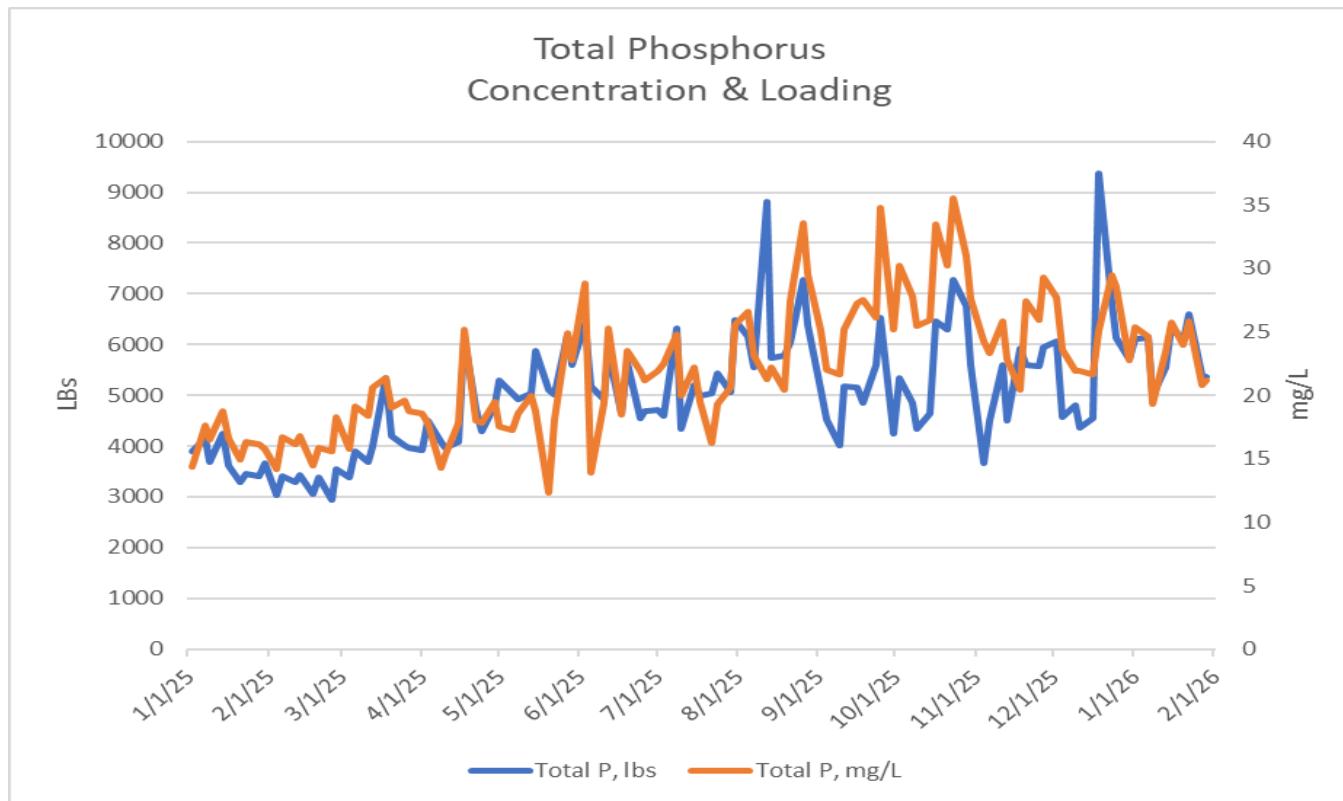
BOD Comparison: BOD Inf vs. Primient + ADM Discharges



Flow Comparison: SDD vs. Primient + ADM Discharges and Rainfall

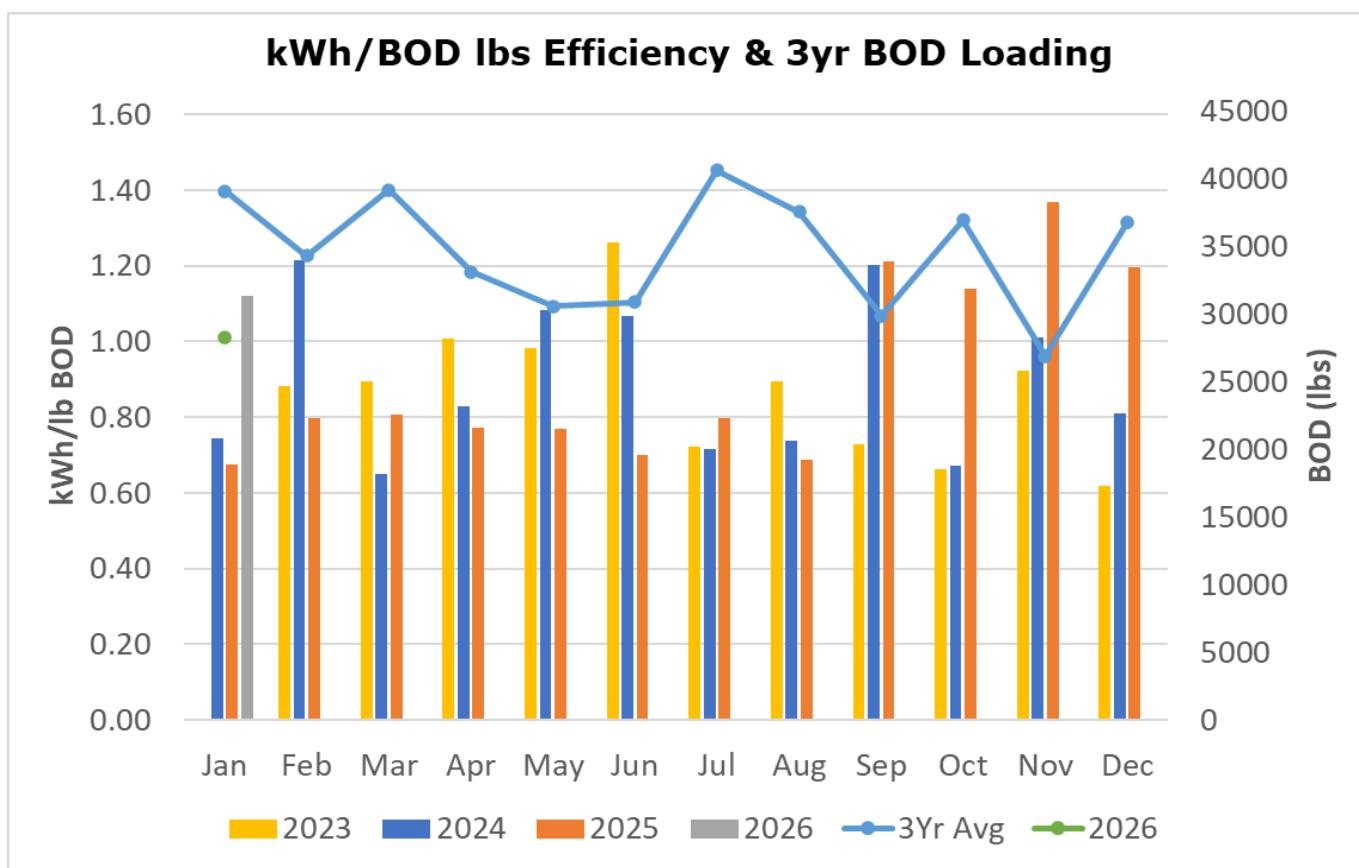
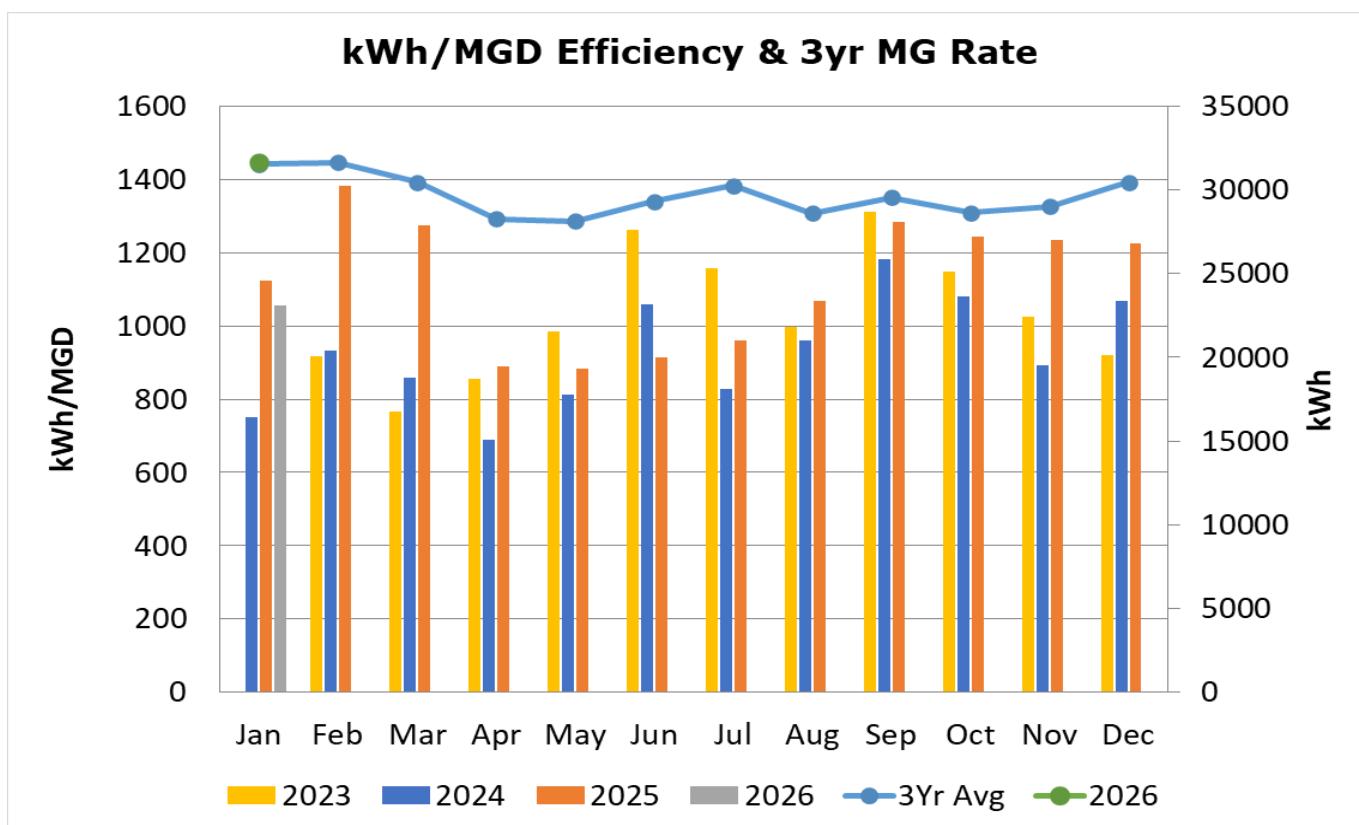


Phosphorus Tracking Graph:



Plant Efficiency Graphs:

January 2026



Permit Effective Date	10/1/21	HIGH IMPORTANCE			Updated	2/12/26		
Approximate Expiration Date (Month)	9/30/26	New app 4/3/26						
Permit Requirement	Reccurence Cycle	Repeats?	Period Covered	Permit Location	Deadline Date(s)	# Months to Comply	Date Reported	Completed
DMR Submissions	25th day / month	Yes - monthly	Previous Month	SC 6	Monthly 25th	0	2/6/26	
Fecal Coliform Testing Submission	25th day / month	Yes - monthly *	May - Oct	SC10	Monthly 25th	0	-	
Quarterly SWPPP Plant Inspection	Quarterly	Yes	Year begins each Oct	NA	3/31, 6/30, 9/30, 12/31			
Annual SWPPP Report	Yearly	Yes	Previous 12 months	SC19, K	9/30/Each Yr	2		
Pretreatment Annual Report	Annual	Yes	Previous Year	SC 11, B, 1, a-e	4/28/Each Yr	3		
Pretreatment Qrtly - DMR Tests	Quarterly	Yes	Calendar Year	SC 11, C, 1	1/25/Each Yr	25 days		
Qrtly Sludge Disposal DMR Report	Quarterly	Yes	Calendar Year	2021-SC-66254	1/25, 4/25, 7/25, 10/25	0		
110 Priority Polutants Tests	Yearly	Yes	Previous Year	SC 11, C, 2, a-c	4/28/Each Yr			
Annual Fiscal Report	Yearly, email	Yes	Budget Year	SC 13	1/31/Each Yr	1		
Discharge 002 Reporting	Special, DMR	As required	When Discharging	SC 15, All	Special	Special		
Semi-Annual Sludge Report 1st	Semi-Annual	Yes	Jan - Jun each Yr	SC 16	7/31/Each Yr	1		
Semi-Annual Sludge Report 2nd	Semi-Annual	Yes	Jul - Dec each Yr	SC16	1/31/Each Yr	1		
CSO Monthly Discharge Reports	Monthly, email	Yes	Previous Month	SC17, A, 1	Monthly 25th	0	2/3/26	
CSO PPP Public Meeting	Annual	Yes	NA	SC17, C, 1	4/1 yrly	12	"3/18/26"	
CSO PPP Revision & Report	As needed	Yes	NA	SC17, C, 1	1 mon. from revision	1		
CSO O&M Public Meeting	Annual	Yes	NA	SC17, E, 1, h	4/1 yrly	12	"3/18/26"	
CSO O&M Revision & Report	As needed	Yes	NA	SC17, E, 1, h	1 mon. from revision	1		
Sewer Use Ordinance Revision & Report	As needed	Yes	NA	SC17, F, 2	1 mon. from revision	1		
CSO Long-term Control Plan (LTCP)	9mos post-notification	No	NA	SC17, G, 1, b	NA	9		
CSO LTCP Report	12mos post-notification	No	NA		NA			
NARP Progress Report	Semi-Annual	YES	Every 6 months	SC 24	3/31 & 9/30 yrly	Fixed		
Update CMOM	NA	As needed	NA	SC18	As needed			
SWPPP Required Review/Update	As needed	Yes	NA	SC19, B	As needed	1	9/11/25	
PDOP Annual Progress Report	Annual	Yes	Calendar Year	SC21	3/31 yrly	12		
Feasibility Study Reports	Semi-Annual	Yes	March & September	SC20	3/31 & 9/30 yrly	Fixed		
Total P 1.0 mg/L MoAvg Compliance	Final	No	96mos post eff date	SC23, F	9/30/29	Fixed		
Total P 1.0 mg/L Progress Report	Annual	Yes	Previous Year	SC23, A	12/31 yrly	0		
Plant BNR Design Completed & Report	Final	No	60mos post eff date	SC23, D	9/30/26	Fixed		
Complete Construction & Report	Final	No	90mos post eff date	SC23, E	3/31/29	Fixed		
Total P 0.5 mg/L RGM Compliance	Final	No	NA	SC22, B,1-5	12/31/35	Fixed		
Biosolids 503 Annual Report	Annual	Yes	Previous Year	40 CFR Part 503/SC16	2/19 yrly	12	1/21/26	
Tier II Report	Annual	Yes	Previous Year		3/1 yrly	12	1/30/26	
Nonhazardous Special Waste Annual Report	Annual	Yes	Previous Year	Title 35 Ill. 809.501	2/1 yrly	12	1/8/26	

""- scheduled but have not complete as of yet

February 12, 2026

Sanitary District of Decatur (SDD)
501 Dipper Lane
Decatur, IL 62522

Nutrient Program Manager
BV Project No. 411502

Attention: Don Miller, P.E., Director of Engineering

Subject: SDD Nutrient Program Management
Progress Update (January 3, 2026 – February 6, 2026)

Dear Mr. Miller:

This letter summarizes the work associated to the SDD Nutrient Program Management project for services from January 3, 2026 through February 6, 2026.

1. Program Management, Administration, and Coordination
 - Conducted bi-weekly program conference calls to update progress and discuss key issues.
 - Provided monthly project updates.
 - Provided ongoing management of the project including program management, preparation/monitoring of the program schedule and budget as well as program administrative duties.
2. PowerBI
 - Managed access to PowerBI and design consultants.
3. Watershed Support Services
 - Conducted a bi-weekly progress update meeting.
4. Detailed Design
 - Continued coordination with subcontractors for surveying and geotechnical services. These services were executed and draft deliverables were submitted this month and shared with the design teams.
 - Conducted bi-weekly calls with design consultants on detailed design requirements and BIM/drafting requirements.
 - Coordinated with the SDD regarding an industrial pretreatment program update. Submitted a memorandum providing a framework for total phosphorus permit limits for the industrial pretreatment program, reviewed this with the SDD, and provided a revised version of the memorandum.
 - Reviewed the design criteria for the WRRF with the SDD and identified a value engineering item for the project.
 - Reviewed floodplain permitting requirements with the SDD.
 - Initiated reviews of 60% design documents for Design Packages 1, 2, 3, 4, and 6.
 - Began development of updated opinion of probable construction costs for the project based on the 30% design documents.

- Reviewed updated survey information related to the WRRF's hydraulic profile and started updating the calculations for the WRRF hydraulic profile.
- Started development of the front-end bidding documents for the design packages.
- Continued development of a Request for Qualifications and scope of services for Construction Management services.

Please feel free to contact me with any questions, comments or if you need additional information.
Sincerely,

Todd Archer, P.E.
Engineering Manager, Black & Veatch

Sanitary District of Decatur
Nutrient Program Management Report

February 12, 2026

During the period of January 3, 2026 through February 6, 2026, District personnel attended meetings with members of the Black & Veatch team to affect progress in nutrient reduction planning and activities.

Black & Veatch coordinated with the SDD and the design consultants regarding their respective design package(s). Work consisted of bi-weekly coordination calls to discuss the design packages as shown in the following table, as well as bi-weekly coordination calls to review and discuss BIM/drafting requirements. Black & Veatch initiated reviews of 60% design submittals for Design Package 1, 2, 3, 4, and 6 and reviewed the submittal with the design consultant for Packages 3 and 4. Black & Veatch also supported efforts for an industrial pretreatment update, reviewed floodplain permitting, worked to develop 30% OPCC, started development of front-end documents, and continued development of the Construction Manager Request for Qualifications and scope of services.

The following is a list of meetings conducted. The information provided covers the subject, date, and agenda items of each meeting. Additional information related to any of these meetings or specific agenda items can be supplied to the Board upon request including meeting minutes and documentation used during the meeting as it is all being stored as part of the permanent record.

Nutrient Reduction Program Meetings conducted from January 3, 2026 through February 6, 2026

<u>Subject</u>	<u>Date</u>	<u>Agenda Items</u>
Nutrient Program Management Bi-weekly Meetings	Meeting held on 1/14/26 and 1/28/26	<i>Objective:</i> Provide Status Update on Program Tasks <ul style="list-style-type: none">• Detailed Design• Watershed Services• PowerBI
Detailed Design, Donohue, Meeting	Meeting held on 1/7/26 and 1/21/26	<i>Objective:</i> Status Update and Discuss Detailed Design <ul style="list-style-type: none">• Discuss 60% Detailed Design Items• Review Schedule
Detailed Design, Clark Dietz, Meeting	Meetings held on 1/8/26, 1/22/26 and 2/5/26	<i>Objective:</i> Status Update and Discuss Detailed Design <ul style="list-style-type: none">• Discuss 60% Detailed Design Items• Review Schedule
Detailed Design, CMT, Meeting	Meeting held on 1/13/26 and 1/27/26	<i>Objective:</i> Status Update and Discuss Detailed Design <ul style="list-style-type: none">• Discuss 60% Detailed Design Items• Review Schedule

Sanitary District of Decatur
Watershed Management Report

February 12, 2026

During the period of January 3, 2026 through February 6, 2026, District personnel attended meetings with members of the Black & Veatch and Geosyntec team to coordinate and discuss elements essential to meet the Nutrient Assessment Reduction Plan (NARP) requirements as listed in the NPDES permit.

This month's Integrated Planning activities included reviewing the planned activities and focusing on the SDD's required input to the Integrated Plan. Additionally, ADM reports were reviewed and comments provided to them as it related to the NARP and Integrated Plan. The SDD communicated with the City of Decatur regarding management changes within the City.

The following is a list of the meeting(s) conducted. The information provided covers the subject, date, and agenda items of each meeting. Black & Veatch provided a written summary. Additional information related to any of these items can be supplied to the Board upon request including meeting minutes and documentation used during the meeting as it is all being stored as part of the permanent record.

Watershed Management Meetings Conducted from January 3, 2026 through February 6, 2026

<u>Subject</u>	<u>Date</u>	<u>Agenda Items</u>
Watershed Services Bi-weekly Discussions	Meeting held on 1/7/26, 1/21/26, and 2/4/26	<i>Objective:</i> Geosyntec discussed Integrated Planning.