

Director of Compliance and Innovation Report

March 18, 2026

Plant Loading, CSO Report, and Director's Notes

Plant Influent Report:

Biochemical Oxygen Demand, 5-Day (Avg. 25737 lbs/day)	40 percent of design
Total Suspended Solids (Avg. 38948 lbs/day)	36 percent of design
Average Daily Flow (27.31 million gallons/day)	67 percent of design
Maximum Daily Flow (36.07 million gallons/day)	29 percent of design

Plant Influent Total Monthly Flow (million gallons) for January	928.97
Estimated Unbilled Total Monthly Flow (million gallons)	205.62
Total Monthly Precipitation (inches)	0.81

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	4/5	0
NH ₃ -N, mg/L	Mo. Avg/Daily Max	1.5/3.0	0.13/0.17	0
DO, mg/L	Mo. Avg/Wk. Avg/Daily Min	6.0/4.5/4.0	8.12/8.09/7.87	0
pH, S.U.	Daily Min/Max	6.0/9.0	7.85/8.03	0
Total Nickel, mg/L	Mo. Avg	0.0381	0.015	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:

The District's NPDES (National Pollutant Discharge Elimination) Permit is expiring on September 30, 2026, and a renewal application is due April 3, 2026. The application is nearly complete and will be submitted to the agency before the due date.

CSO Annual Public Notification Meeting:

In accordance with the SDD's NPDES permit, the district scheduled a public notification meeting to present information and receive comments from the public regarding the operation & maintenance plan, pollution prevention plan, & public notification concerning its combined sewer overflow treatment facilities. The meeting scheduled for March 18, 2026, was announced in the paper and District site on March 3, 2026, stating that all members of the public are encouraged to participate in the meeting.

Chemical Bids:

Bids for 28% Liquid Urea-Ammonium Nitrate (UAN), Sodium Hypochlorite, and Ferrous Chloride will be publicly opened and read aloud on March 31, 2026.

Operations, Laboratory, and Pretreatment Activity Reports – February/March 2026

Operations 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.
- 5) Disinfection Process-
Disinfection preparation is scheduled to begin in March.

Laboratory Activities:

Routine:

A total of 1,680 analyses were performed in the laboratory during the month of February 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 February 2026 for the Illinois Wastewater Surveillance System (IWSS). Levels of COVID have decreased slightly while influenza A and RSV have had some detections in the recent samples.
- 2) The quarterly NPDES sampling of the influent, effluent, and sludge to Wyckles was conducted during the first week of February 2026.

- 3) Keith Richard hosted a meeting of the IWEA Laboratory Committee on February 26, 2026, at the Fox River Water Reclamation District. The purpose of the meeting was to finalize plans for the lab related activities at the IWPC 2026 conference and to plan for an upcoming lab training workshop. Keith continues to serve as the chair of the committee.

Pretreatment Activities:

Pretreatment - General Activities:

- 1) Pretreatment personnel monitored 7 commercial and industrial users (IU) during February 2026. There were 0 industrial site inspections completed.
- 2) There were no industrial discharge permits issued in February 2026.
- 3) Sampling for **Tillamook** continued in February. They failed on one of their four TSS samples and both the SDD's FOG-T sample and their own FOG-T self-monitoring. They also had 2 slugs attributed to them in February.
- 4) The SDD began work on the AOC issued by the USEPA and agreed upon in January. At the end of February a summary of changes to the agreed upon Inter-Governmental Agreements (IGA's) was presented for review by SDD council. Upon completion of the review, the changes will be proposed to the various entities that the SDD has IGA's with. The SDD is ahead of schedule on this, with the due date for enactment of the updated IGA's set for July 31st.

Pretreatment Ordinance - Verbal Notices:

SDD issued a total of 7 Verbal Notices to **Tillamook** and **Primient** in February 2026:

- **Tillamook (5 Violations):**
 - TSS Daily Max : 2/11/2026
 - Total FOG (Self Monitoring): 2/4/2026
 - Total FOG (IU Monitoring): 2/17/2026
 - Slug (2): 2/16/2026 and 2/23/2026
- **Primient (2 Violation):**
 - Daily Max. Flow: 2/2/2026
 - ph < 6 for more than 45 minutes: 2/25/2026

Pretreatment Ordinance - Warning Notices (WN):

There were no WN's issued during February 2026.

Pretreatment Ordinance - Notices of Violation (NOV):

There were no NOV's issued February January 2026.

Pretreatment Ordinance - Executive Orders (EO):

There were no EO's issued during February 2026.

Pretreatment Ordinance - Penalty Assessments:

The following industrial penalties were assessed for February 2026.

- **Tillamook** - \$13,000
- **Primient** - \$2,000

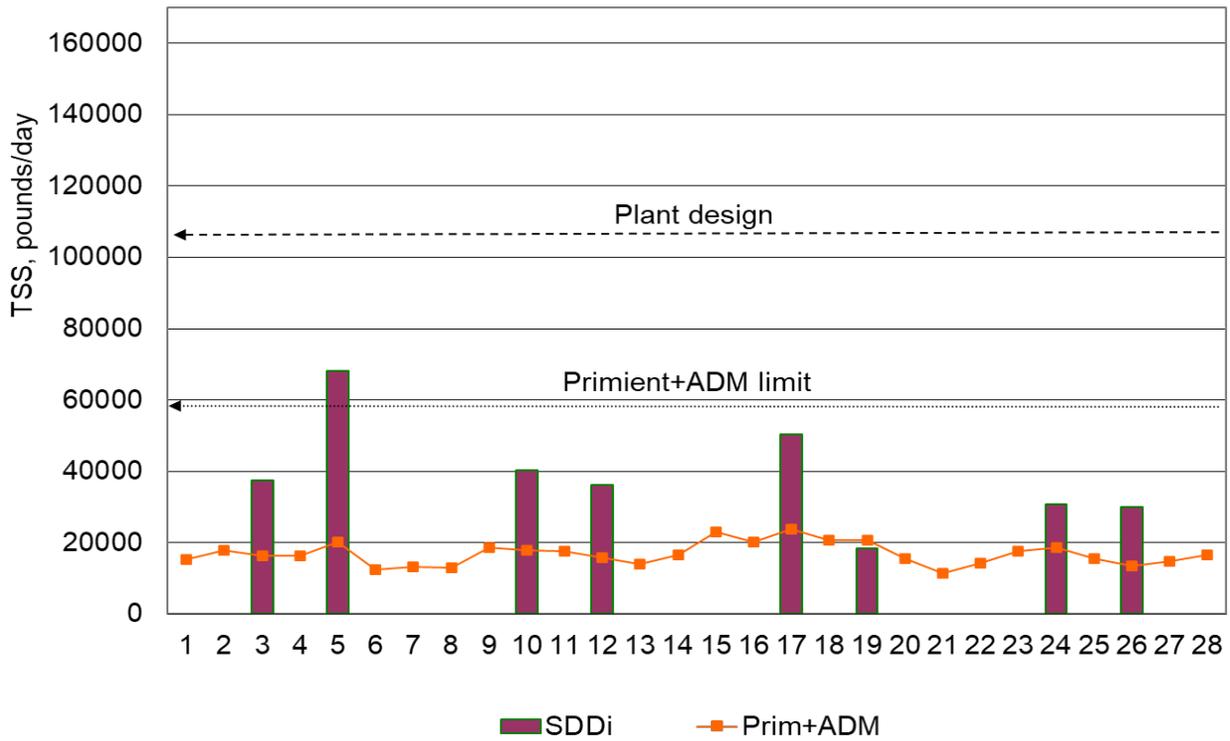
Nutrient Program Report:

NARP/Integrated Planning:

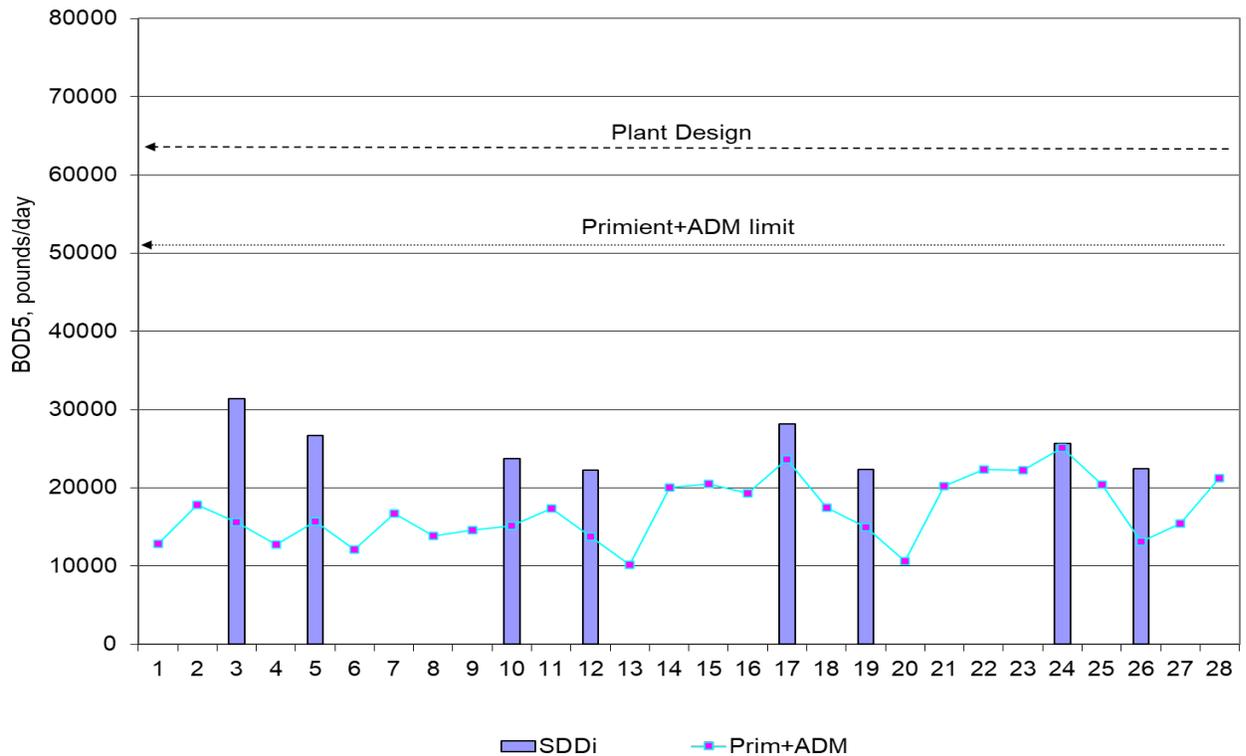
District staff, along with Adrienne Nemura from Geosyntec, meet with City staff on March 10th to discuss the Decatur Regional Integrated Plan. The meeting focused on addressing any concerns the City had on the revised draft of the Memorandum of Understanding (MOU), the proposed scope of work and discussed next steps forward.

Plant Operating Graphs:

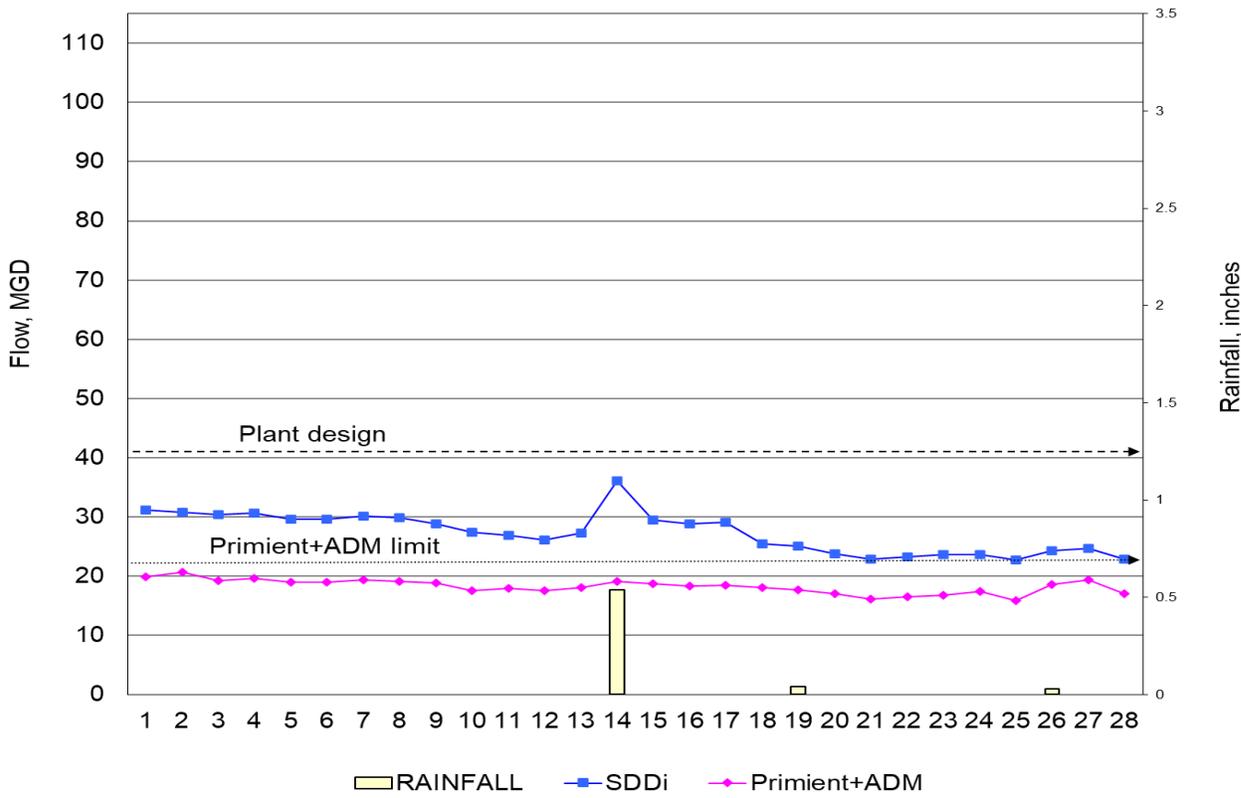
TSS Comparison: SDDi Inf Primient+ADM Discharges



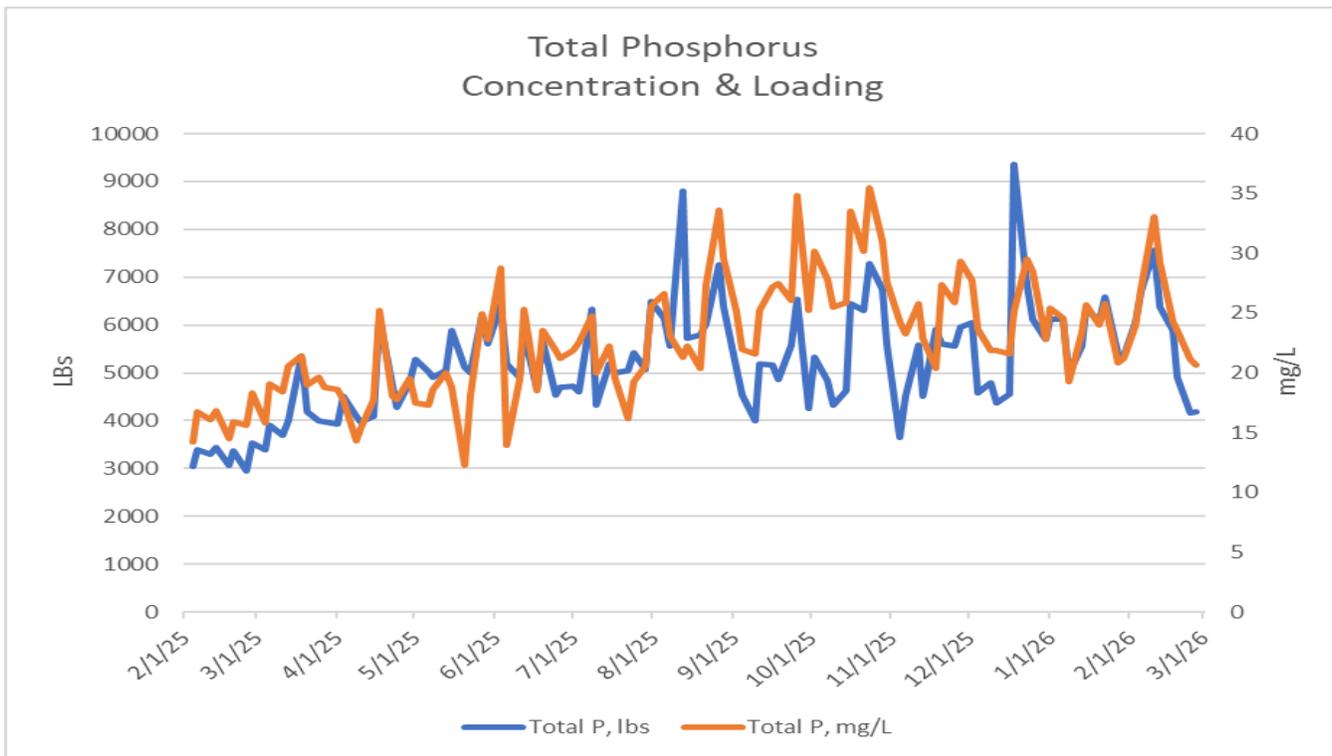
BOD Comparison: BOD Inf vs. Primient + ADM Discharges



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

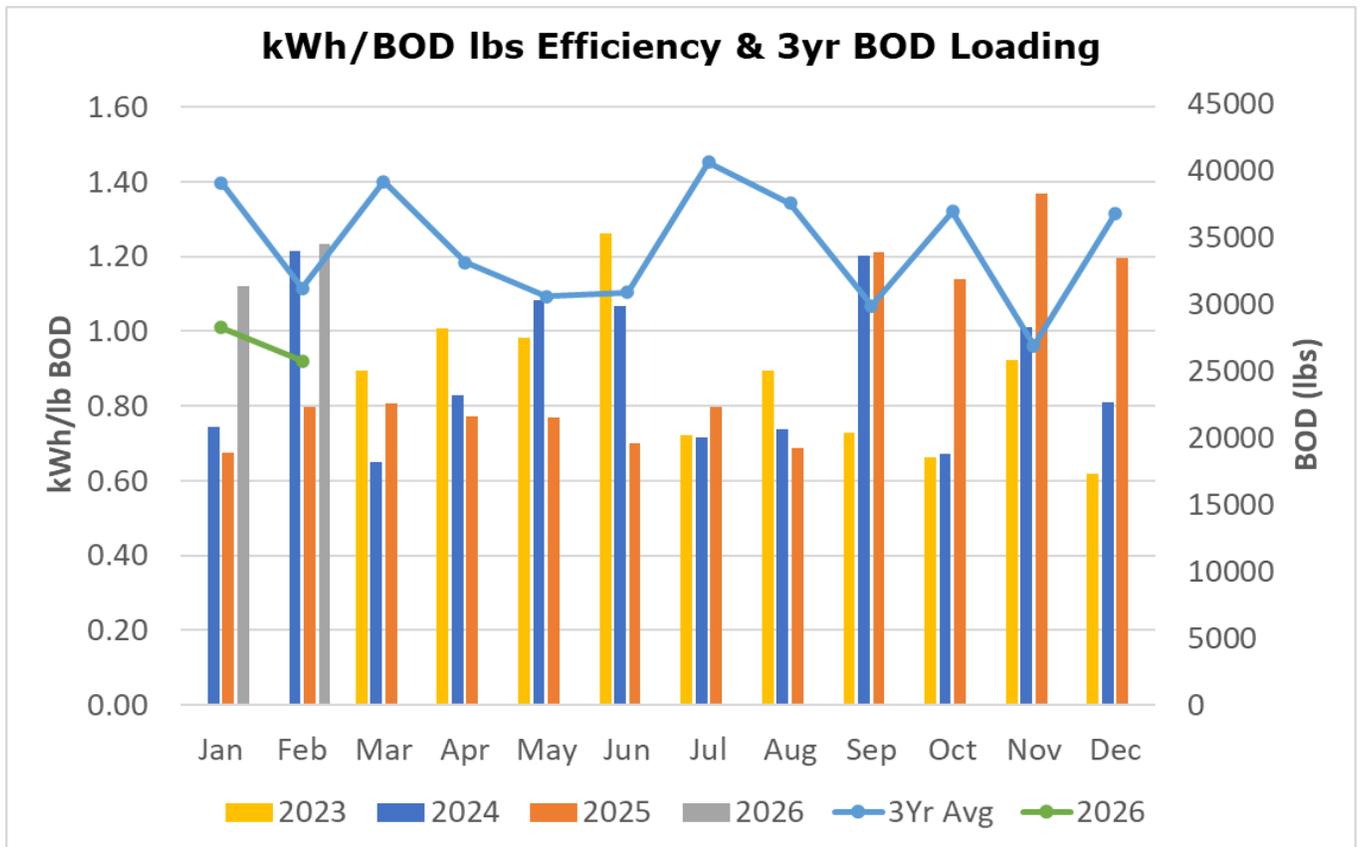
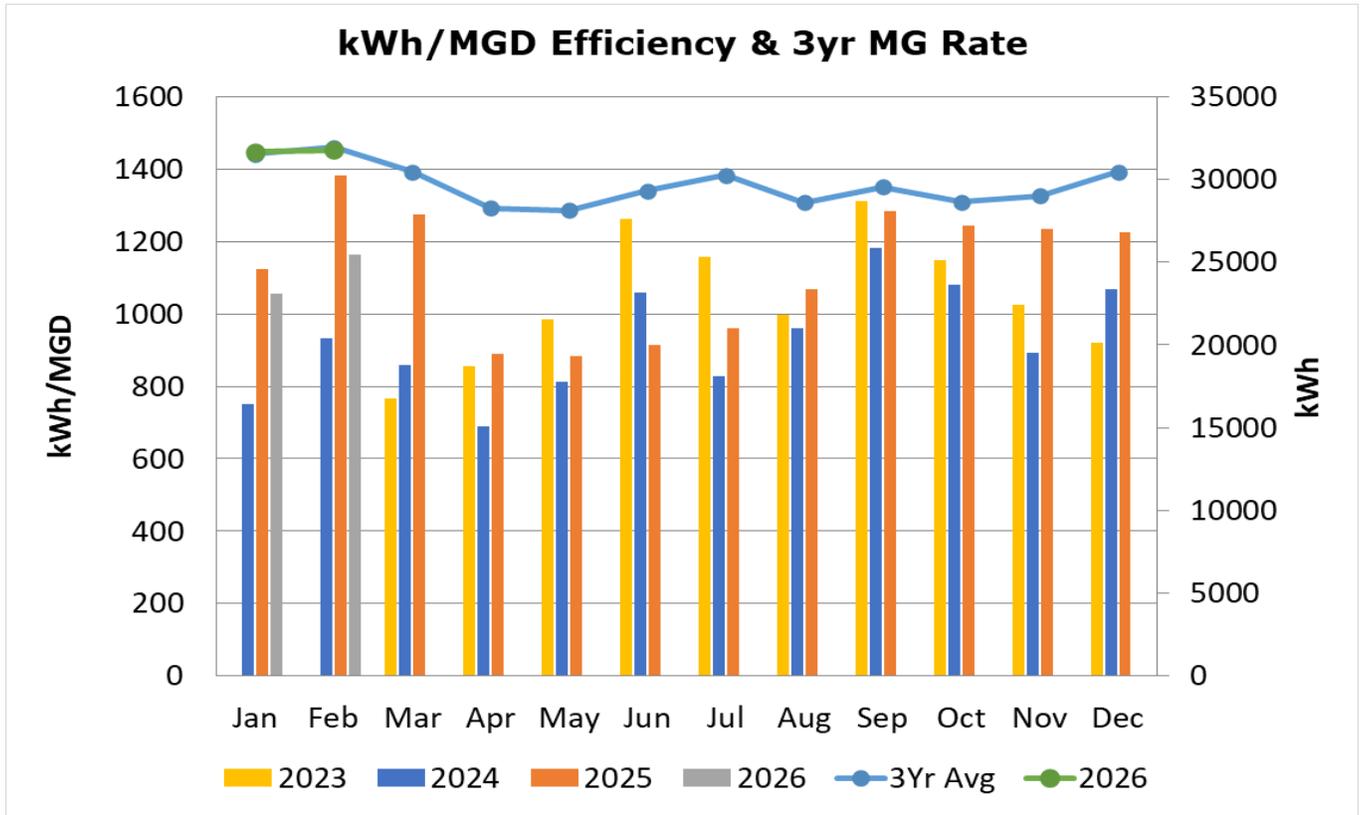


Phosphorus Tracking Graph:



Plant Efficiency Graphs:

February 2026



Permit Effective Date
Approximate Expiration Date (Month)

10/1/21
9/30/26

HIGH IMPORTANCE
New app 4/3/26

Updated 3/6/26

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	3/6/26	
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		2/16/26	
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	Annual	Yes	Calendar Year	SC 11, C, 1	1/25/Each Yr	25 days	1/9/26	
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	3/6/26	
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



March 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 (February 7, 2026 through March 6, 2026)

Dear Mr. Miller:

This letter summarizes the work associated to the SDD Nutrient Program Management project for services from February 7, 2026 through March 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 revised 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.
 - Continued coordination with the SDD regarding an industrial pretreatment program update. Held an Industrial meeting with ADM to discuss changes to the WRRF and industrial pretreatment limit, i.e. "local limit".
 - Completed reviews of 60% design documents for Design Packages 1, 2, 3, 4, and 6.
 - Initiated review of 60% design documents for Design Package 5.
 - Finalized the 30% opinion of probable construction costs based on the 30% design documents.
 - Initiated the 60% opinion of probable construction costs based on the 60% design documents.

- Completed calculations to update the WRRF's hydraulic profile
- Developed a draft of the front-end bidding documents (Division 0) for the design packages and also developed a draft of the Division 1 specification sections.
- Continued development of a Request for Qualifications and scope of services for Construction Management services and submitted the final draft to SDD for publication.

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

March 12, 2026

During the period of February 7, 2026 through March 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 completed reviews of 60% design submittals for Design Package 1, 2, 3, 4, and 6 and reviewed the submittal with the design consultant for Packages 1, 2, and 6. Black & Veatch also supported efforts for an industrial pretreatment update, completed the 30% OPCC, started development of the 60% OPCC, developed a draft of the front-end documents, and completed the final draft 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 February 7, 2026 through March 6, 2026

<u>Subject</u>	<u>Date</u>	<u>Agenda Items</u>
Nutrient Program Management Bi-weekly Meetings	Meeting held on 2/11/26 and 2/25/26	<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 2/12/26 and 2/18/26	<i>Objective:</i> Status Update and Discuss Detailed Design <ul style="list-style-type: none"> • 60% Detailed Design Review Meeting • Discuss 90% Detailed Design Items • Review Schedule
Detailed Design, Clark Dietz, Meeting	Meetings held on 2/19/26, 2/26/26 and 3/5/26	<i>Objective:</i> Status Update and Discuss Detailed Design <ul style="list-style-type: none"> • 60% Detailed Design Review Meeting • Discuss 90% Detailed Design Items • Review Schedule
Detailed Design, CMT, Meeting	Meeting held on 2/10/26 and 2/24/26	<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

March 12, 2026

During the period of February 7, 2026 through March 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. The SDD communicated with the City of Decatur regarding management changes within the City and the City's continued involvement in the Integrated Plan.

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 February 7, 2026 through March 6, 2026

<u>Subject</u>	<u>Date</u>	<u>Agenda Items</u>
Watershed Services Bi-weekly Discussions	Meeting held on 2/18/26	<i>Objective:</i> Geosyntec discussed Integrated Planning.