Director of Compliance and Innovation Report

April 19, 2023

Plant Loading, CSO Report, and Director's Notes

Plant Influent Report

Biochemical Oxygen Demand, 5-Day (Avg. 35082 lbs/day) Total Suspended Solids (Avg. 61650 lbs/day) Average Daily Flow (40.84 million gallons/day) Maximum Daily Flow (85.57 million gallons/day) 55 percent of design 57 percent of design 100 percent of design 68 percent of design

Plant Effluent Report

| <u>Parameter</u> | Report Frequency | <u>Permit</u> | <u>Reported</u> | <u>Violations</u> |
|--------------------------------|---------------------------|---------------|-----------------|-------------------|
| | | <u>Limits</u> | <u>Values</u> | |
| | | | | |
| CBOD₅, mg/L | Mo./Wk. Avg | 20/40 | 2/3 | 0 |
| TSS, mg/L | Mo./Wk. Avg | 25/45 | 5/7 | 0 |
| NH ₃ -N, mg/L | Mo. Avg/Daily Max | 1.5/3.0 | 0.12/0.12 | 0 |
| DO, mg/L | Mo. Avg/Wk. Avg/Daily Min | 6.0/6.25/5.0 | 8.41/8.31/8.15 | 0 |
| pH, S.U. | Daily Min/Max | 6.0/9.0 | 7.81/8.20 | 0 |
| Total Nickel, mg/L | Mo. Avg | 0.0381 | 0.019 | 0 |
| CL ₂ Residual, mg/L | Daily Max | 0.05 | NA | 0 |
| Fecal Coliform | Daily Max | 400 | NA | 0 |
| CFU/100mL | | | | |

CSO Report

| Location | Events | Est. Total Duration of Discharges (hrs.) | Discharge (million gallons) |
|----------------------------------|--------|--|--------------------------------|
| Oakland Avenue (Outfall 003) | 3 | 21.19 | 10.28 |
| Lincoln Park (Outfall 004) | 0 | 0 | 0 |
| McKinley Avenue (Outfall 007) | 2 | 10.7 | 6.74 |
| Seventh Ward (Outfall 008) | 1 | 1.1 | 7.45 |

Director's Notes:

2023 Chemical Bids:

A request for bids for chemicals and fuels that are used at the Sanitary District was posted in the newspaper and the District's website on February 8, 2023. All bids were opened and read on April 5, 2023.

The purchase period offered on all chemicals this year was for one year only, therefore the period included with the bid sheet covers the period May 1, 2023 – April 30, 2024. The one-year submission reflects the unstable conditions in the chemical market still occurring, but some bids returned this

year were much better then the pervious. Evergreen FS did offer a bid for the three-year period covering the period of May 1, 2023- April 30, 2026 but since they are the only bid we are only recommending accep.

A motion for the acceptance of the following bids will be presented to the Boards during this month's Board meeting.

A summary of the low bids and pervious year accepted bids will be distributed before the meeting.

Staff Training Activities:

Brandi Rosenberger and Raven Durbin have passed the EPA Class III certification test. Raven has the required amount of training and experience and is waiting for the State to finalize her certification. Brandi has submitted her training and experience to the State and is waiting for a determination of how much additional time or training is required. Chuck Roberts has successfully passed the Class IIII exam and will be waiting for certification of his training and experience also.

Keith Richards, Tim Gordon, Brent Deardorff, Austin Gruber, and Ashley Bailey attended the Illinois Association of Water Pollution Control Operations (IWAPCO) conference for Illinois wastewater professionals in Springfield from April 10-12, 2023. The conference included presentations on case studies, emerging issues of concern, wastewater technologies, and a variety of other topics.

Operations, Laboratory, and Pretreatment Activity Reports - March/April 2023

Operations Activities:

Normal operational activities were conducted as prescribed by standard procedures or in response to conditions within the plant. These include operating, monitoring, and adjusting facility equipment, performing process control testing, records keeping, and coordination with the other departments to realize optimal performance of the Plant.

- 1) Digester gas production has returned to normal production.
- 2) The mixer in digester #1 has been taken off-line due to a bad seal. The mixers in digesters #2 and #4 are available but currently off due to gas in the attic spaces.
- 3) Operators have been assisting Engineering with the filling and draining of #3 Digester and #5 Primary Clarifier, gearing up for disinfection season, training newer operators, and assisting Maintenance with cleaning the Contact tanks
- 4) Blower usage is back to normal (2 neuros on at all times with the 3rd starting when needed).
- 5) Operations staff continue to actively address PMs as time, workload, and staff levels allow.

Laboratory Activities:

Routine:

A total of 2,066 analyses were performed in the laboratory during the month of March 2023.

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 lab continued to send samples of raw influent twice a week throughout the month of March 2023 for the "COVID-19 in Wastewater" study funded by the Illinois Department of Public

Health. A Zoom call was held on March 3, 2023, with the study participants and the researchers to discuss the results of the study thus far. It was announced that they plan to start analyzing for Respiratory Syncytial Virus (RSV) A and B in the samples in addition to COVID and influenza.

- 2) Keith Richard and Ashley Bailey attended a meeting of pretreatment professionals from various central Illinois sanitary districts on March 8, 2023, in Normal. The group plans to meet routinely to network and help each other with any pretreatment related questions or issues.
- 3) The SDD lab/pretreatment collected and analyzed two more days of samples for the ongoing nutrient study for Black and Veatch. Samples were collected on March 15 and March 30, 2023.
- 4) The fourth round of biomonitoring, as required by our NPDES discharge permit, was completed in March 2023 using a sample of the SDD effluent collected on March 13, 2023. Just as in the previous three rounds of biomonitoring, there was no acute toxicity found in the SDD effluent. We have now completed all of the biomonitoring that was required by our current NPDES permit.
- 5) Keith Richard, Ashley Bailey, and Tim Gorden virtually attended the Innovations at the Nexus of Food, Energy and Water Systems (INFEWS) workshop on March 23-24, 2023. INFEWS is a project funded by the National Science Foundation and the USDA. A group of researchers at the University of Illinois Urbana Champaign received an INFEWS grant to study the Lake Decatur watershed including the SDD, ADM, and Primient. The purpose of the workshop was to give updates on the various parts of the research study. Several workshop attendees came for a tour of the SDD on March 24.

Pretreatment Activities:

Pretreatment - General Activities:

- 1) Pretreatment personnel monitored eleven commercial and industrial users (IU) during March 2023. No industrial site inspections were conducted.
- 2) Bimonthly sampling for the Nutrient Study is ongoing. SDD personnel are utilizing our portable samplers to collect the extra samples from **Primient** and **ADM**.
- 3) Wastewater Hauler Permit applications were granted for Alpha Drains and Smith Septic.

Pretreatment Ordinance - Verbal Notices:

The SDD issued a total of 3 Verbal Notices to **Primient** in March 2023:

- 1. Notice 1 was issued on 3/3/2023 for a BOD limit violation and carried a \$1,000 penalty.
- 2. Notice 2 was issued on 3/13/2023 for a pH violation resulting from a cooling tower chemical leak. This notice carried a \$1,000 penalty.
- Notice 3 was issued on 3/14/2023 for a pH violation resulting from a cooling tower chemical leak. As it was Primient's third violation of the month, this notice carried a penalty of \$7,500.

Pretreatment Ordinance - Warning Notices (WN):

No Warning Notices were issued during February 2023.

Pretreatment Ordinance - Notices of Violation (NOV):

No Notices of Violation were issued during February 2023.

Pretreatment Ordinance - Executive Orders:

No Executive Orders were issued during March 2023

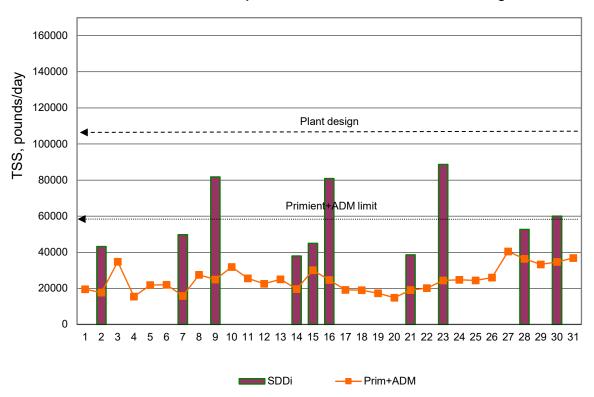
Pretreatment Ordinance - Penalty Assessments:

The following industrial penalties were assessed for March 2023:

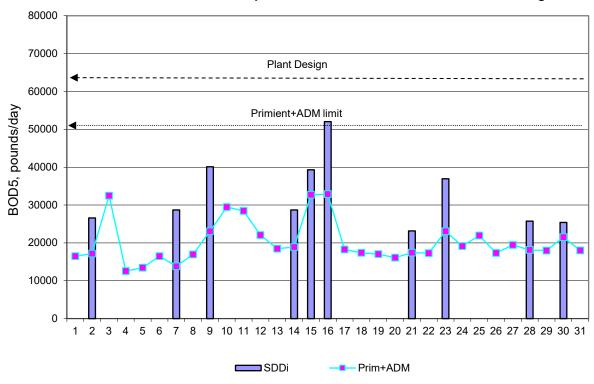
1) Primient \$9,500

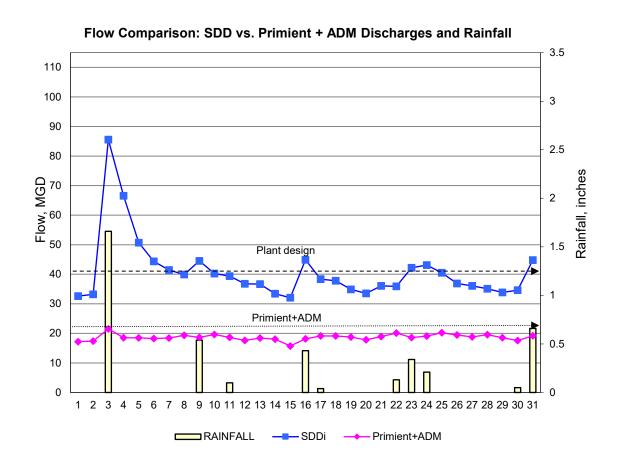
Plant Operating Graphs:

TSS Comparison: SDD Inf Primient+ADM Discharges

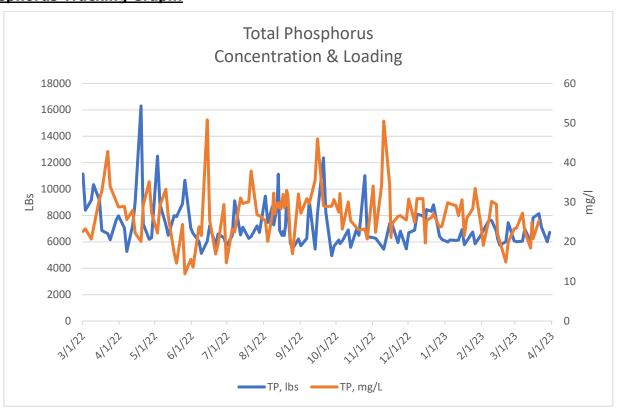


BOD Comparison: BOD Inf vs. Primient + ADM Discharges



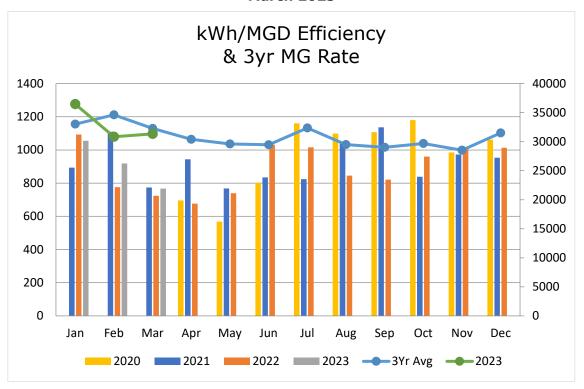


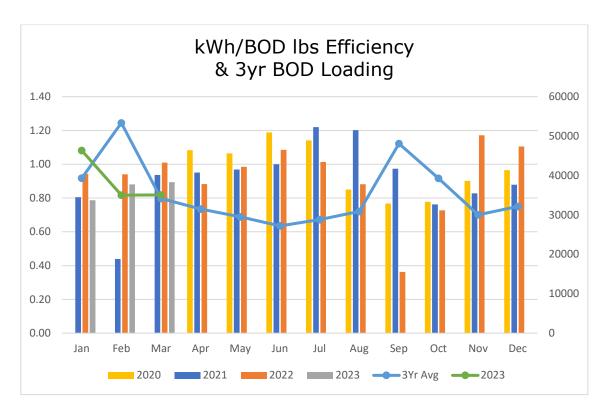
Phosphorus Tracking Graph:



Plant Efficiency Graphs:

March 2023





Sanitary District of Decatur Bid Tabulation Results from 04/05/2023 (Pending Approval)

Attached (see below) are the bid tabulations from 04/05/23, please note that no submitted bids are accepted until the District's Board of Trustees have voted to approve them. These are just the results of the bids opened that day. Please feel free to check the District's website for additional information. www.sddcleanwater.org

28% Liquid Urea-Ammonium Nitrate (UAN) Bid Tabulation

Bid Opening Date 04/05/23

| Bidder | Price per ton, Base |
|---|----------------------|
| Brandt | \$317/ton- 1 year |
| Wilson Chemicals | \$395/ton- 1 year |
| | |
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| NOTE: "No Bid" submissions are not included on this tabulation sheet. | |
| | |

2023 Liquid Ferrous Chloride Bid Tabulation

Bid Opening Date <u>04/05/23</u>

| Bidder | Price per pound |
|--|-----------------------|
| PVS Technologies | \$1.65/lb- 1 year |
| Kemira | \$0.876/lb- 1 year |
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| NOTE: "No Bid" submissions are not included in the bid tabulation sheet. | |

2023 Gasoline and Diesel Fuel Bid Tabulation

Bid Opening Date 4/5/23

| Bidder | Gasoline and Diesel Fuel Cost per Gallon above OPIS Rack | Year |
|-----------|--|-------------|
| Evergreen | \$ 0.214 \$ 0.224 \$ 0.234 | 1 2 3 |
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2023 Sodium Hypochlorite Bid Tabulation

Bid Opening Date 04/05/23

| Bidder | Price per Gallon |
|---|-----------------------------------|
| Rowell Chemical | 2.58/gal- 1 year |
| Brenntag Mid South | 2.59/gal- 1 year 4,500g min |
| Hawkins | 1.63/gal- 1 year |
| Alexander Chemical | 2.45/gal- 1 year |
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| NOTE: "No Bid" submissions are not listed on this tabulation sheet. | |
| | |

2023 Sodium Bisulfite Bid Tabulation

Bid Opening Date 04/05/23

| Bidder | Price per 100lbs | Price per 325gal tote |
|------------------------------------|------------------|------------------------|
| | Bulk | |
| | \$23.90 | \$0.349/lb- |
| Alexander Chemical | \$0.239/lb | 1 year delivery |
| | | included |
| D VC1C 1 | NY 111 | \$6.14/gal, \$0.55/lb, |
| Brenntag Mid South | -No bid- | 305 gallon tote= |
| | | \$1870 delivery |
| | | included |
| Southern Ionics | \$25.00 | -No Bid- |
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| NOTE: "No Bid" submissions are not | | |
| included in the tabulation sheet. | | |
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April 3, 2023

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

February Monthly Progress Update (March 1, 2023 – March 31, 2023)

Dear Mr. Miller:

This letter summarizes the work associated to the SDD Nutrient Program Management project for services from March 1, 2023, through March 31, 2023.

- 1. Program Management, Administration, and Coordination
 - Conducted bi-weekly program conference calls to update progress and discuss key issues.
 - Provided Monthly Project Update.
 - Provided ongoing management of the project including program management, preparation/monitoring of the program schedule and budget as well as program administrative duties.
 - Continued to coordinate Power BI development including project data integration and dashboard development.
 - i. BV received data from SDD Historian software and modified the data set to reconcile duplicate data.
 - ii. BV prepared for and completed an initial review of the Power BI dashboards incorporating data provided by SDD.
 - iii. BV began to complete the Power BI dashboards as outlined in the initial meeting ahead of a follow up workshop.
- 2. Pretreatment Program Update
 - Continued to evaluate special sampling data
 - Continued to work with Jacobs and coordinate their review of pre-treatment programs for municipalities with similar influent as SDD due to industrial users.
 - Prepared for and met with SDD to provide summary of current pretreatment and special monitoring data and to present options for structuring the industrial pretreatment program.
- 3. Phosphorus Discharge and Optimization Plan (PDOP)
 - Completed the final report for IEPA submittal.
 - Completed annual PDOP summary report.

4. Watershed Support Services

- Conducted bi-weekly progress update meeting.
- Geosyntec continued next steps with modeling associated to the NARP Study
- Continued initial planning efforts and outline for the Watershed Group formation development providing comments from the review of the draft Bylaws developed by SDD.

5. WRRF Upgrade Plan

- Continued to incorporate review comments and District feedback into TM#1: Current Conditions, Industrial Influent, Emerging Concerns for final submittal.
- Continued to incorporate review comments and District feedback on the alternatives analysis into TM#2: BNR Liquid Stream Evaluations for final submittal.
- Solutions Development Solids Stream
 - i. Updated B&V model to include phosphorus release and recovery (Calprex process) prior to digestion.
 - ii. Began investigating the agronomic rate of biosolids based on phosphorus loading
 - iii. Began preparing for BNR Solids Handling Evaluation Workshop 3 which will provide:
 - 1. Results of the process model of solids handling alternatives
 - 2. Updated solids handling alternatives to incorporate phosphorus management.
 - 3. Initial sizing for biosolids handling alternatives.
- Aged Infrastructure Evaluation
 - i. Continued to develop the overall condition assessment approach including evaluation criteria and associated forms for documentation.
- Plant Facility Evaluation
 - Continued detailed modeling efforts to evaluate and provide whole plant process model simulations related to the alternatives identified for nutrient removal.

6. Pilot and Demonstration Testing

- Preparation of addenda to Procurement Documents for Progressing Cavity Pump and Air Mix System.
- Completed bid set review meeting for the Frac Tank Pilot, and incorporated comments into the final design bid set for advertisement.

| FRAC TANK PILOT PROJECT SCHEDULE | | | | | | | | | | |
|----------------------------------|------------------|--|--|--|--|--|--|--|--|--|
| MILESTONE/ACTIVITES | DATE | | | | | | | | | |
| Receive comments from Vendors | January 27, 2023 | | | | | | | | | |

| Issue draft procurement packages for primary sludge pumps, bubble mixing and Frac Tank to SDD | January 31, 2023 |
|--|---|
| Issue 50% Design Documents to SDD | February 24, 2023 |
| SDD to Issue Procurement Documents to Vendors for Primary Sludge Pump, Bubble Mixing System and Frac Tank (rental agreement) | Week of February 27, 2023 |
| Receive Quotes from Vendors for Direct Procurement | March 10, 2023 |
| Issue Final Bid Documents for SDD Review / Approval | March 17, 2023 |
| Issue Purchase Orders / Rental Agreements with Vendors | March 23, 2023 |
| Advertise for Bids (16 days) | March 20, 2023 |
| Bid Opening | April 25, 2023 |
| Issue Notice to Proceed | May 18, 2023 |
| Early Receipt of Pre-purchased Equipment | |
| Primary Sludge Pumps (20-week delivery) | Five Months from Issuance of Purchase Order |
| Big Bubble Mixing (20-week delivery) Frac Tank (6 weeks delivery) | August 2023 |
| Substantial Completion (pending equipment delivery times) | September 2023 |
| Final Completion | September 2023 |

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

Sincerely,

Diane Grossenheider, P.E. Project Manager, Black & Veatch

Enclosure(s):

- SDD Nutrient Program Manager Schedule
- Anticipated Cost Forecast

Project: Nutrient Program Management - 040323 | The contract of the contract Disc Collection/Depart Declaration Declara Partial Park Arriva Digarkon NF Read Submanted -NA Digarkos Services Servic F2190 Tech Memo 4 Final Submitted ### FIRST OF THE ACT O Data Date: 31-Mar-23 Finish Date: 21-Dec-26 Page 1 of 1 Critical Remaining Work

SANITARY DISTRICT OF DECATUR - NUTRIENT PROGRAM MANAGEMENT

2022 - 2023 COST FORECAST BV Project Number 411502

| Incremental | | 2022.02 | 2022.03 | 2022.04 | 2022.05 | 2022.06 | 2022.07 | 2022.08 | 2022.09 | 2022.10 | 2022.11 | 2022.12 | 2023.01 | 2023.02 | 2023.03 | 2023.04 | 2023.05 | 2023.06 | 2023.07 | 2023.08 | 2023.09 | 2023.10 | 2023.11 | 2023.12 | 2022 Total | 2023 Total |
|---|----------|---------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| | Planned | 13,683 | 108,359 | 237,519 | 168,336 | 497,476 | 284,217 | 100,648 | 86,219 | 109,725 | 91,822 | 91,820 | 204,625 | 175,033 | 184,839 | 230,195 | 181,219 | 171,412 | 188,595 | 126,472 | 126,461 | 158,090 | 126,472 | 126,465 | 1,789,824 | 1,999,878 |
| | Actuals | 16 724 | 60 831 | 77 995 | 54 608 | 61 865 | 125 355 | 145 679 | 112 979 | 118 381 | 94 677 | 105 543 | 155 812 | 179 053 | 150 901 | | | | | | | | | | 974 636 | 485 766 |
| | Forecast | 16,724 | 60,831 | 77,995 | 54,608 | 61,865 | 125,355 | 145,679 | 112,979 | 118,381 | 94,677 | 105,543 | 155,812 | 179,053 | 150,901 | 164,763 | 173,968 | 158,861 | 143,899 | 133,883 | 125,267 | 136,583 | 100,391 | 100,389 | 974,636 | 1,723,770 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Planned | 4 631 | 18 589 | 25 171 | 20 169 | 20 164 | 25 213 | 20 168 | 20 170 | 25 211 | 20 169 | 20 167 | 20 050 | 17 010 | 17 014 | 21 263 | 17 010 | 17 012 | 21 267 | 17 010 | 17 012 | 21 263 | 17 012 | 17 012 | 219 822 | 199 885 |
| Task 1 Program Mgmt | Actuals | 7,905 | 2,198 | 2,585 | 3,303 | 2,115 | 3,760 | 4,348 | 5,103 | 3,173 | 9,068 | 4,320 | 9,295 | 8,708 | 21,585 | | | | | | | | | | 47,875 | 39,588 |
| | Forecast | 7 905 | 2 198 | 2 585 | 3 303 | 2 115 | 3 760 | 4 348 | 5 103 | 3 173 | 9 068 | 4 320 | 9 295 | 8 708 | 21 585 | 21 263 | 17 010 | 17 012 | 21 267 | 17 010 | 17 012 | 21 263 | 17 012 | 17 012 | 47 875 | 205 449 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Task 2 Pretreatment Program | Planned | 1,726 | 15,177 | 42,250 | 17,294 | 10,680 | 30,576 | 19,616 | 5,192 | 6,491 | 5,192 | 5,192 | - | - | - | - | - | - | - | - | - | - | - | - | 159,386 | - |
| Update | Actuals | | | 705 | 470 | 470 | 235 | - | 353 | 430 | 430 | 1 450 | 4 250 | 4 715 | 8 238 | | | | | | | | | | 4 543 | 17 203 |
| Ориале | Forecast | | | 705 | 470 | 470 | 235 | - | 353 | 430 | 430 | 1,450 | 4,250 | 4,715 | 8,238 | 35,000 | 30,576 | 30,576 | 5,192 | 6,491 | 5,192 | 5,192 | | | 4,543 | 135,422 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Took 3 Dhooshana Disabasa | Planned | 536 | 3 756 | 4 694 | 7 073 | 26 718 | 5 977 | 4 881 | 4 879 | 6 099 | 4 877 | 4 879 | 6 748 | 5 656 | 5 213 | 5 665 | 4 536 | 4 531 | 5 665 | 4 533 | 4 531 | 5 668 | 4 533 | 4 531 | 74 369 | 55 062 |
| Task 3 Phosphorus Discharge and Optimization | Actuals | | 1,290 | 3,755 | 3,508 | 1,613 | 235 | 4,645 | 8,731 | 8,100 | 10,948 | 3,898 | 4,760 | 6,665 | 1,045 | | | | | | | | | | 46,721 | 12,470 |
| and Optimization | Forecast | | 1,290 | 3,755 | 3,508 | 1,613 | 235 | 4,645 | 8,731 | 8,100 | 10,948 | 3,898 | 4,760 | 6,665 | 1,045 | 1,000 | 1,000 | | - | | - | - | - | - | 46,721 | 14,470 |
| | • | | | | | | | _ | | | | | | | _ | | | | | | | | | | | |
| Took / Watershad Ownered | Planned | 6,790 | 61,631 | 12,107 | 4,040 | 193,891 | 22,817 | 18,255 | 18,250 | 22,817 | 18,253 | 18,251 | 5,383 | 4,569 | 4,567 | 10,910 | 29,712 | 29,705 | 30,850 | 29,712 | 29,705 | 30,850 | 29,709 | 29,707 | 397,102 | 265,379 |
| Task 4 Watershed Support Services | Actuals | 940 | 14 809 | 17 206 | 28 841 | 21 065 | 45 297 | 54 170 | 36 587 | 44 435 | 12 003 | 34 319 | 16 395 | 4 931 | 31 212 | | | | | | | | | | 309 674 | 52 538 |
| Services | Forecast | 940 | 14,809 | 17,206 | 28,841 | 21,065 | 45,297 | 54,170 | 36,587 | 44,435 | 12,003 | 34,319 | 16,395 | 4,931 | 31,212 | 10,910 | 29,712 | 29,705 | 30,850 | 29,712 | 29,705 | 30,850 | 29,709 | 29,707 | 309,674 | 303,398 |
| | • | | | | | | | | | | | | | | _ | | | | | | | | | | | |
| Took 5 Comments WIDDS | Planned | - | 9 206 | 122 984 | 89 447 | 32 035 | 35 466 | - | - | - | - | - | 62 344 | 52 898 | 52 900 | 66 121 | 52 900 | 52 898 | 66 124 | 52 898 | 52 898 | 66 124 | 52 898 | 52 898 | 289 138 | 621 557 |
| Task 5 Comprehensive WRRF | Actuals | 7,879 | 42,534 | 53,745 | 16,778 | 36,223 | 74,878 | 81,756 | 59,461 | 42,065 | 47,294 | 28,643 | 60,035 | 67,250 | 63,999 | | | | | | | | | | 491,254 | 191,283 |
| Upgrade Plan | Forecast | 7,879 | 42,534 | 53,745 | 16,778 | 36,223 | 74,878 | 81,756 | 59,461 | 42,065 | 47,294 | 28,643 | 60,035 | 67,250 | 63,999 | 67,000 | 67,000 | 52,898 | 52,000 | 52,000 | 44,688 | 44,688 | 25,000 | 25,000 | 491,254 | 621,557 |
| | • | | | | | | | | | | | | | | _ | | | | | | | | | | - | |
| | Planned | - | - | - | - | - | - | - | - | - | - | - | - | 3,670 | 3,670 | 4,590 | 3,670 | 3,670 | 4,590 | 3,670 | 3,670 | 4,590 | 3,670 | 3,670 | - | 43,130 |
| Task 6 Feasibility Study | Actuals | | | | | | | | | | | | | 775 | 1,128 | | | | | | | | | | - | 1,903 |
| | Forecast | | | | - | - | - | - | - | - | - | - | - | 775 | 1 128 | 4 590 | 3 670 | 3 670 | 4 590 | 3 670 | 3 670 | 4 590 | 3 670 | 3 670 | - | 37 693 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Task 7 Pliot and Demonstration | Planned | - | - | - | - | 213 988 | 164 168 | 37 728 | 37 728 | 49 107 | 43 331 | 43 331 | 105 773 | 91 229 | 101 474 | 54 736 | 43 787 | 43 787 | 54 736 | 43 789 | 43 785 | 54 736 | 43 789 | 43 787 | 589 381 | 725 408 |
| | Actuals | | | | 1 710 | 380 | 950 | 760 | 2 745 | 20 178 | 14 935 | 32 914 | 61 078 | 86 010 | 23 695 | | | | | | | | | | 74 572 | 170 783 |
| Testing | Forecast | | | | 1,710 | 380 | 950 | 760 | 2,745 | 20,178 | 14,935 | 32,914 | 61,078 | 86,010 | 23,695 | 25,000 | 25,000 | 25,000 | 30,000 | 25,000 | 25,000 | 30,000 | 25,000 | 25,000 | 74,572 | 405,783 |
| | | | | | | | | | | | | | | | | | • | | | | | | | | | |
| Cumulative | | 2022.02 | 2022.03 | 2022.04 | 2022.05 | 2022.06 | 2022.07 | 2022.08 | 2022.09 | 2022.10 | 2022.11 | 2022.12 | 2023.01 | 2023.02 | 2023.03 | 2023.04 | 2023.05 | 2023.06 | 2023.07 | 2023.08 | 2023.09 | 2023.10 | 2023.11 | 2023.12 | 2022 Total | 2023 Total |
| Planned | - | 13,683 | 122,042 | 359,561 | 527,897 | 1,025,373 | 1,309,590 | 1,410,238 | 1,496,457 | 1,606,182 | 1,698,004 | 1,789,824 | 1,994,449 | 2,169,482 | 2,354,321 | 2,584,516 | 2,765,735 | 2,937,147 | 3,125,742 | 3,252,214 | 3,378,675 | 3,536,765 | 3,663,237 | 3,789,702 | 1,789,824 | 3,789,702 |
| Actuals | - | 16 724 | 77 554 | 155 549 | 210 157 | 272 023 | 397 378 | 543 057 | 656 036 | 774 417 | 869 094 | 974 636 | 1 130 448 | 1 309 502 | 1 460 402 | | | | | | | | | | 974 636 | 485 766 |
| | | | | | 040 457 | 070 000 | 207 270 | 542.052 | | 2004 440 | 050 004 | | | | | | 4 700 477 | | 0.404.000 | 0.000.000 | | 0.407.505 | 0.000.047 | 0.500.405 | 074 676 | 0.500.105 |

