Permit Fact Sheet

General Information

| Permit Number | WI-0050971-11-0 |
|----------------------------------|--|
| Permittee Name and | DAIRICONCEPTS LP |
| Address | 832 East Arthur Avenue, Bruce, WI 54819 |
| Permitted Facility | DAIRICONCEPTS LP |
| Name and Address | NEQ, NWQ, SECTION 8, T34N-R7W |
| Permit Term | July 01, 2025 to June 30, 2030 |
| Discharge Location | NEQ, NWQ, Section 8, T34N-R7W, Stubbs Township, near Bruce Wisconsin |
| Receiving Water | The Groundwater of the Soft Maple and Hay Creeks Watershed in the Upper Chippewa Drainage Basin in Rusk County |
| Stream Flow (Q _{7,10}) | N/A |
| Stream Classification | N/A |
| Discharge Type | Existing continuous |

Facility Description

DairiConcepts (Dairy Farmers of America) produces powdered dairy and non-dairy products. The facility dry blends various cheese powders and flavors for the food industry. The facility has a ridge and furrow system covering approximately 6.2 acres containing 14 cells. Wastewater discharged is composed of noncontact cooling water, process water, storm water, boiler blowdown and cooling tower blowdown. These combined components are considered "normal" flow which is identified and reported as sample point 101.

Periodic clean-ups of the entire dry blending and dryer system produce "Clean In Place" (CIP) wastewater. This wastewater has different characteristics than the normal discharge and is monitored separately in the permit under sample point 102. CIPs occur on an as needed basis between product change outs which are typically every three weeks with an increase of normal daily flow. Sample point 102, when sampled, includes the normal 101 wastewater flow and CIP water.

Wastewater flow is directed by gravity to a buried solids-settling tank (~10,000 gallons) then directed to a wet well before pumped discharge through a ridge and furrow land treatment system (Outfall 001). A ridge and furrow system is a series of interconnected ditches (furrows) which allow distribution, infiltration, and treatment of wastewater. Ridges between the ditches support a cover crop which takes up nutrients and water and protects the ditches during the winter. The water not used by the cover crop is further treated as it percolates through the soil eventually reaching groundwater. There are seven monitoring wells located around the ridge and furrow system to assess any groundwater impacts of the discharge.

During periodic maintenance of the solids-settling tank, pumps remove settled solids and wastewater which is authorized for land application and/or discharge to another WPDES permitted facility (Viresco) via Outfall 002.

Domestic wastewater from the facility is segregated from process wastewater and discharged to a separate sub-soil absorption system and is not regulated by the permit.

Substantial Compliance Determination

There have been several exceedances of preventive action limits during the current permit term. However after a desk top review of all discharge monitoring reports, groundwater monitoring forms, land application reports, management plans, and a site visit on January 13, 2023, by Arthur Ryzak, WDNR, DairiConcepts has been found to be in substantial compliance with their permit.

Sample Point Descriptions

| | Sample Point Designation | | | | | | |
|---------------------------|--|---|--|--|--|--|--|
| Sample Point Number | Discharge Flow, Units, and Averaging Period | Sample Point Location, Waste Type/Sample Contents and Treatment Description (as applicable) | | | | | |
| 001 | RIDGE AND FURROW (R&F) An average of 21,464 gallons per day (2020 – 2024 data) | Representative samples shall be collected from the lift station prior to discharge to the ridge and furrow system. | | | | | |
| 002 | LAND APPLICATION All high strength was is sent to another WPDES permitted facility. | Representative samples shall be collected prior to land application of high strength wastewater onto approved sites. | | | | | |
| 101 | "NORMAL" FLOW = Ridge and Furrow flow (001) – CIP water (102) An average of 20,865 gallons per day (2020 – 2024 data) | Representative samples of the plant effluent to the ridge and furrow system shall be taken during "normal" conditions (not during CIP clean-up events). | | | | | |
| 102 | "CIP" FLOW An average of 33,750 gallons per day over 16 days per year (2020 – 2024 data) | Representative samples of the plant effluent to the ridge and furrow system shall be taken at the lift station during CIP clean-up events. | | | | | |

| | Sample Point Designation For Groundwater Monitoring Systems | | | | | |
|------------------|--|--|--|--|--|--|
| Well Name | Comments | | | | | |
| 801 | Upgradient well used to measure background groundwater quality and calculate PALs, located north of the R&F system | | | | | |
| 803 | Down gradient non-point of standard well located east of the R&F system (northeast of wells 806 and 807) | | | | | |
| 804 | Down gradient point of standard well located east of the R&F system (northernmost downgradient well) | | | | | |
| 805 | Down gradient point of standard well located east of the R&F system (northeast of well 803) | | | | | |
| 806 | Down gradient point of standard well located south of the R&F system | | | | | |
| 807 (Piezometer) | Down gradient point of standard piezometer located south of the R&F system | | | | | |
| 808 | Down gradient point of standard well located east of the R&F system (north of well 805) | | | | | |

Permit Requirements

1 Inplant - Monitoring and Limitations

1.1 Sample Point Number: 101- At Lift Station

| Monitoring Requirements and Limitations | | | | | | | |
|---|------------|--------------------|---------------------|-------------------|-------|--|--|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes | | |
| Chloride | | mg/L | 2/Month | Flow Prop Comp | | | |
| Nitrogen, Total Kjeldahl | | mg/L | 2/Month | Flow Prop Comp | | | |
| Solids, Total Dissolved | | mg/L | 2/Month | Flow Prop Comp | | | |
| Nitrogen, Total | | mg/L | 2/Month | Flow Prop Comp | | | |

1.1.1 Changes from Previous Permit:

In-plant limitations and monitoring requirements were evaluated for this permit term and the following changes were made from the previous permit. See additional explanation of limits under "Explanation of Limits and Monitoring Requirements" below.

Total nitrogen monitoring is required.

1.1.2 Explanation of Limits and Monitoring Requirements

This sample point is limited to "normal" wastewater discharge produced when cleaning in place (CIP) is not occurring.

Flow – Flow is not a required parameter at this sample point. Flow rate of "normal" wastewater (101) = Flow rate of Sample Point 001 (to ridge and furrow) – Flow rate of Sample Point 102 (CIP wastewater).

Total nitrogen has been added to the inplant sample points to facilitate calculation of the parameter Maximum Nitrogen Applied On Any Zone found under Outfall 001.

1.2 Sample Point Number: 102- At Lift Station during CIP

| Monitoring Requirements and Limitations | | | | | | | |
|---|--|------|---------|-------------------|--|--|--|
| Parameter Limit Type Limit and Units Sample Frequency Sample Type Notes | | | | | | | |
| Flow Rate | | gpd | Daily | Total Daily | | | |
| Chloride | | mg/L | Monthly | Flow Prop Comp | | | |

| | Monitoring Requirements and Limitations | | | | | | |
|-----------------------------|---|--------------------|---------------------|-------------------|-------|--|--|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes | | |
| Nitrogen, Total Kjeldahl | | mg/L | Monthly | Flow Prop Comp | | | |
| Solids, Total Dissolved | | mg/L | Monthly | Flow Prop Comp | | | |
| Nitrogen, Total | | mg/L | Monthly | Flow Prop Comp | | | |

1.2.1 Changes from Previous Permit:

In-plant limitations and monitoring requirements were evaluated for this permit term and the following changes were made from the previous permit. See additional explanation of limits under "Explanation of Limits and Monitoring Requirements" below.

Total nitrogen monitoring is required.

1.2.2 Explanation of Limits and Monitoring Requirements

This sample point is limited to the period when cleaning in place (CIP) is occurring. During these events sampling shall be taken of combined "normal" and "CIP" waste streams.

Flow – Flow is not a required parameter at this sample point. Flow rate of "normal" wastewater (101) = Flow rate of Sample Point 001 (to ridge and furrow) – Flow rate of Sample Point 102 (CIP wastewater).

Total nitrogen has been added to the inplant sample points to facilitate calculation of the parameter Maximum Nitrogen Applied On Any Zone found under Outfall 001.

2 Land Treatment – Monitoring and Limitations

2.1 Sample Point Number: 001- RIDGE AND FURROW

| | Monitoring Requirements and Limitations | | | | | |
|--------------------------------------|---|----------------------|---------------------|-----------------|---|--|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes | |
| Flow Rate | | gpd | Daily | Total Daily | | |
| Hydraulic Application Rate | Monthly Avg | 10,000 gal/ac/day | Monthly | Calculated | | |
| Chloride, Max Applied to Any Zone | | lbs/ac/yr | Annual | Total Annual | Use the effluent chloride concentration when calculating the annual total. See the Maximum Applied Nitrogen/Chloride On Any Zone section. | |

| | Monitoring Requirements and Limitations | | | | | | |
|---|---|--------------------|---------------------|-----------------|--|--|--|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes | | |
| Nitrogen, Max Applied On Any Zone | Annual Total | 800 lbs/ac/yr | Annual | Total Annual | Limit becomes effective July 1, 2028. Use the effluent total nitrogen concentration from the In- plant sample points when calculating the annual total. See the Maximum Applied Nitrogen/Chloride On Any Zone section. | | |

2.1.1 Changes from Previous Permit:

Effluent limitations and monitoring requirements were evaluated for this permit term and the following changes were made from the previous permit. See additional explanation of limits under "Explanation of Limits and Monitoring Requirements" below.

- Chloride, Max Applied to Any Zone has been moved to the monitoring table.
- Nitrogen, Max Applied to Any Zone has been moved to the monitoring table and a limit will become effective at the end of the "Pollutant Minimization Program Land Treatment" schedule.

2.1.2 Explanation of Limits and Monitoring Requirements

All requirements for land treatment of industrial wastewater are determined in accordance with ch. NR 214, Wis. Adm. Code. All categorical limits are based on ch. NR 214.13 Wis. Adm. Code. More information on the limitations can be found in the "DairiConcepts LP – Land Treatment System Evaluation Report, WPDES Permit #WI-0050971" memo dated December 5, 2024.

Nitrogen and chloride max applied to any zone – These two parameters previously found in the Annual Report have been moved to the monitoring table. This eliminates the additional report allowing all data to be entered into eDMRs. To calculate nitrogen max applied to any zone use the total nitrogen values collected through sample points 101 and 102.

Nitrogen max applied on any zone – A limit of 800 lbs/acre/year will become effective at the end of the "Pollutant Minimization Program - Land Treatment" schedule. The annual nitrogen application rate is limited to the nitrogen needs of the cover crop plus demonstrable denitrification occurring in the treatment system. Section 4.3 of the "Establishing nitrogen limitations in WPDES permits at industrial land treatment facilities" guidance signed May 30, 2023 states groundwater impacts have consistently been observed at ridge and furrow facilities loading above 800 lbs/acre/year. Any limits above this value must be evaluated on a case-by-case basis through an exemption request per NR 214.06 Wis. Adm. Code.

3 Groundwater – Monitoring and Limitations

3.1 Groundwater Monitoring System for Monitoring Well System

Location of Monitoring system: Around the perimeter of the ridge and furrow system

Groundwater Monitoring Well(s) to be Sampled: 801, 803, 804, 805, 808, 806, 807 (Piezometer)

Groundwater Monitoring Well(s) Used to Evaluate Background Groundwater Quality: 801

Groundwater Monitoring Well(s) Used for Point of Standards Application: 807 (Piezometer), 806, 808, 805, 804

| Parameter | Units | Preventative Action Limit | Enforcement Standard | Frequency |
|--|-------|------------------------------|-------------------------|-----------|
| Depth To Groundwater | feet | N/A | N/A | Quarterly |
| Groundwater Elevation | feet | N/A | N/A | Quarterly |
| Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 2.0 | 10 | Quarterly |
| Chloride Dissolved | mg/L | 125 | 250 | Quarterly |
| pH Field | su | 9.0 | N/A | Quarterly |
| Solids, Total Dissolved | mg/L | 290 | N/A | Quarterly |
| Nitrogen, Ammonia (NH3-N) Total | mg/L | 0.97 | 9.7 | Quarterly |
| Nitrogen, Organic Dissolved | mg/L | 2.2 | N/A | Quarterly |

3.1.1 Changes from Previous Permit:

Groundwater limitations and monitoring requirements were evaluated for this permit term and the following changes were made from the previous permit. See additional explanation of limits under "Explanation of Limits and Monitoring Requirements" below.

- PAL and Enforcement Standard (ES) limits remain the same except **pH field** and **total dissolved solids** have been adjusted based on background water quality.
- Groundwater alkalinity and hardness monitoring are no longer needed and have been removed from the permit.

3.1.2 Explanation of Limits and Monitoring Requirements

Groundwater limits and requirements are determined in accordance with ch. NR 140, Wis. Adm. Code. Indicator parameter Preventive Action Limit (PAL) values are established per s. NR 140.20, Wis. Adm. Code. See the "DairiConcepts LP – Land Treatment System Evaluation Report, WPDES Permit #WI-0050971" memo dated December 5, 2024 for more information.

4 Land Application - Sludge/By-Product Solids

4.1 Sample Point Number: 002- LAND APPLICATION

| Monitoring Requirements and Limitations | | | | | | | |
|---|------------|--------------------|---------------------|----------------|-------|--|--|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes | | |
| Nitrogen, Total Kjeldahl | | mg/L | Annual | Grab | | | |
| Chloride | | mg/L | Annual | Grab | | | |
| Phosphorus, Total | | mg/L | Annual | Grab | | | |

| | Monitoring Requirements and Limitations | | | | | | | |
|----------------------------------|---|--------------------|---------------------|----------------|-------|--|--|--|
| Parameter | Limit Type | Limit and Units | Sample Frequency | Sample Type | Notes | | | |
| Phosphorus, Water Extractable | | % of Tot P | Annual | Grab | | | | |
| Potassium, Total Recoverable | | mg/L | Annual | Grab | | | | |

4.1.1 Changes from Previous Permit:

Sludge limitations and monitoring requirements were evaluated for this permit term and no changes were required in this permit section.

4.1.2 Explanation of Limits and Monitoring Requirements

Requirements for land application of industrial sludge are determined in accordance with ch. NR 214 Wis. Adm. Code. Currently the permittee hauls all high strength waste to another WPDES permitted facility (Viresco). Monitoring is only required if land spreading occurs.

5 Schedules

5.1 Pollutant Minimization Program - Land Treatment

| Required Action | Due Date |
|---|-----------------|
| Pollutant Minimization Plan Development: The permittee shall develop and submit to the Department a plan for a cost-effective pollutant minimization program (PMP) which has as its goal the reduction of nitrogen for the purpose of maintaining compliance with permit effluent limitations and ch. NR 140, Wis. Adm. Code. | 12/31/2025 |
| Implementation: The permittee shall implement the pollutant minimization program as submitted or as amended by agreement of the permittee and the Department. | 06/30/2026 |
| Annual Status Report: The permittee shall submit to the Department, an annual status report on the progress of the pollutant minimization program. Submittal of the first annual status report is required by the Date Due. | 06/30/2027 |
| Achieve Compliance: The permittee shall achieve compliance with the Maximum Nitrogen Applied to Any Zone limit of 800 pounds/acre/year. | 06/30/2028 |

5.1.1 Explanation of Schedule

Pollutant Minimization Program – Land Treatment - Data from the groundwater monitoring system shows an increasing trend in the nitrogen concentrations. A schedule has been included to lay out a set of actions that will identify and implement changes to minimize nitrogen levels in the groundwater.

5.2 Groundwater Monitoring Well Site Map Submittal

| Required Action | Due Date |
|---|-----------------|
| Monitoring Well Site Map: Submit a site map in accordance with s. NR 141.065, Wis. Adm. Code. All monitoring well locations shall be reported to the department on a plan map drawn to a specific scale. The map shall indicate structure boundaries, property boundaries, and any nearby surface waters and a north arrow. The plan shall show the wells in relation to each other, to property and structure boundaries and to a common reference point on a horizontal grid system. The origin of the grid system shall be located according to latitude and longitude or according to the state plane coordinate system. The exact vertical location of the top of the well casing shall be referenced to the nearest benchmark for the national geodetic survey datum to an accuracy of 0.01 feet. This plan map shall show the exact location of the installed well on a horizontal grid system which is accurate to within 1 foot. | 09/30/2025 |

5.2.1 Explanation of Schedule

Groundwater Monitoring Well Site Map Submittal – Accurate well information is needed to ensure the requirements of ch. NR 140, Wis. Adm. Code are met.

5.3 Land Application Management Plan

A management plan is required for the land application system.

| Required Action | Due Date |
|---|-----------------|
| Land Application Management Plan: Submit an update to the management plan to optimize the land application system performance and demonstrate compliance with Wisconsin Administrative Code NR 214. | 09/30/2025 |

5.3.1 Explanation of Schedule

Land Application Management Plan - An up-to-date Land Application Management plan is a standard requirement in reissued industrial permits per s. NR 214.17(6)(c), Wis. Adm. Code.

5.4 Land Treatment Management Plan

A management plan is required for the land treatment system.

| Required Action | Due Date |
|---|-----------------|
| Land Treatment Management Plan: Submit an update to the management plan to optimize the land treatment system performance and demonstrate compliance with Wisconsin Administrative Code NR 214. | 09/30/2025 |

5.4.1 Explanation of Schedule

Land Treatment Management Plan - An up-to-date Land Treatment Management plan is a standard requirement in reissued industrial permits per ch. NR 214, Wis. Adm. Code.

Attachments

Water Flow Schematic updated February 2019

"DairiConcepts LP – Land Treatment System Evaluation Report, WPDES Permit #WI-0050971" memo dated December 5, 2024

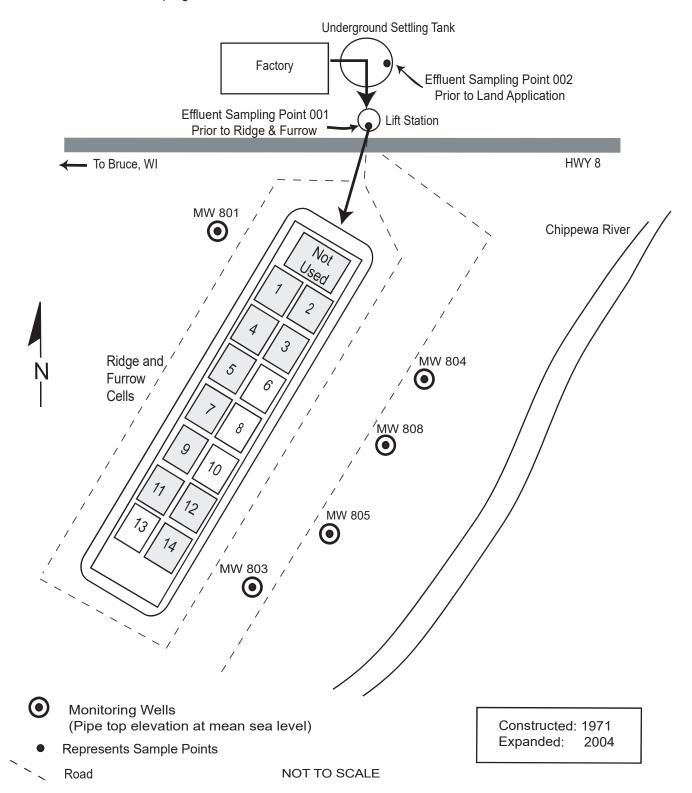
Justification Of Any Waivers From Permit Application Requirements

No waivers requested or granted as part of this permit reissuance

Prepared By: Sheri A. Snowbank Wastewater Specialist Date: March 14, 2025

DairiConcepts, LP Wastewater Treatment Facility

DairiConcepts has a ridge and furrow wastewater treatment system. This 6-acre system was expanded in 2004 to 14 cells to increase the load and rest capability during operation. Land application and discharge to manure pits is authorized. There are 5 groundwater monitoring wells in the vicinity of the system. The diagram below shows the treatment units and sampling locations.



DATE:

December 5, 2024

TO:

File

FROM:

Woody Myers - WCR Wank

SUBJECT: Dairiconcepts LP - Land Treatment System Evaluation Report,

WPDES Permit # WI-0050971

Site Information

Dairiconcepts LP is regulated as an industrial facility and is located at 832 East Arthur Avenue, Bruce, Rusk County. Wastewater is currently treated and discharged to groundwater via infiltration by way of a ridge & furrow system located in the NE ¼ of the NW ¼ of Section 8, T34N, R07W, Town of Thornapple. This discharge has been determined to be a functional equivalent of a surface water discharge given its proximity to the Chippewa River and hydrologic gradients.

Land Treatment Effluent & Groundwater Evaluation Summary

Table 1 In-Plant Sampling Point Parameters and Limits **Sampling Point 101 At Lift Station**

| | Current Permit WI-0050971-10-1 | | Proposed Permit WI-0050971-11 | |
|-----------------------------|-----------------------------------|------------|----------------------------------|------------|
| Parameter | Limits and Units | Limit Type | Limits and Units | Limit Type |
| Chloride | - mg/l | | - mg/l | |
| Nitrogen, Total Kjeldahl | - mg/l | | - mg/l | |
| Total Solids | - mg/l | | - mg/l | |
| *Nitrogen Total | Not Required | | - mg/l | |

^{*} Proposed permit changes

Table 2 In-Plant Sampling Point Parameters and Limits Sampling Point 102 At Lift Station during C■

| | | Current Permit WI-0050971-10-1 | | l Permit 1971-11 |
|-----------------------------|------------------|-----------------------------------|------------------|---------------------|
| Parameter | Limits and Units | Limit Type | Limits and Units | Limit Type |
| Flow Rate | - gpd | | - gpd | |
| Chloride | - mg/l | | - mg/l | |
| Nitrogen, Total Kjeldahl | - mg/l | | - mg/l | |
| Total Solids | - mg/l | | - mg/l | |
| *Nitrogen Total | Not Re | equired | - mg/l | |

^{*} Proposed permit changes



Table 3 Land Treatment Outfall Sampling Point Parameters and Limits Outfall 001 Ridge & Furrow

| | Current Permit WI-0050971-10-1 | | Proposed Permit WI-0050971-11 | |
|---------------------------------------|-----------------------------------|-------------|----------------------------------|--------------|
| Parameter | Limits and Units | Limit Type | Limits and Units | Limit Type |
| Flow Rate | - gpd | | - gpd | |
| Hydraulic Application Rate | 10,000 gal/ac/day | Monthly Avg | 10,000 gal/ac/day | Monthly Avg |
| *Chloride, Max Applied to Any Zone | Not Listed | | - lbs/ac/yr | Annual Total |
| *Nitrogen, Max Applied to Any Zone | Not Listed | | *800 lbs/ac/yr (1) | Annual Total |

^{*} Proposed permit changes

Table 4 Groundwater Monitoring Wells

| 그리 점점하는 점심 회사들에게 되었다. 그 그리고 사용하다 하를 때문을 하는 것은 이 사용이 되었다. 하는 하는 것은 사람들이 없는 것이다. | | rent Permit 050971-10-1 | | oosed Permit 0050971-11 |
|--|---------------|----------------------------|---------------|----------------------------|
| | Well Location | Well Designation | Well Location | Well Designation |
| 801 | Up-gradient | Background | Up-gradient | Background |
| 803 | Down-gradient | Non-Point of Standard | Down-gradient | Non-Point of Standard |
| 804 | Down-gradient | Point of Standard | Down-gradient | Point of Standard |
| 805 | Down-gradient | Point of Standard | Down-gradient | Point of Standard |
| 806 | Down-gradient | Point of Standard | Down-gradient | Point of Standard |
| 807 | Down-gradient | Point of Standard | Down-gradient | Point of Standard |
| 808 | Down-gradient | Point of Standard | Down-gradient | Point of Standard |

No recommended changes from previous permit

Table 5 Groundwater Quality Standards

| Parameter | | Permit 971-10-1 | Proposed WI-0050971-11 | |
|-------------------------------------|------------|--------------------|---------------------------|-----------|
| | PAL | ES | PAL | ES |
| Depth to Groundwater | N/A | N/A | N/A | N/A |
| Groundwater Elevation | N/A | N/A | N/A | N/A |
| Nitrogen, Nitrite + Nitrate | 2.0 mg/l | 10.0 mg/l | 2.0 mg/l | 10.0 mg/l |
| Chloride | 125 mg/l | 250 mg/l | 125 mg/l | 250 mg/l |
| pH, field | 5.9-7.9 su | N/A | * 7.0-9.0 su | N/A |
| Total Dissolved Solids | 280 mg/l | N/A | *290 mg/l | N/A |
| Nitrogen, Ammonia | 0.97 mg/l | 9.7 mg/l | 0.97 mg/l | 9.7 mg/l |
| Nitrogen, Organic | 2.2 mg/l | N/A | 2.2 mg/l | N/A |
| *Alkalinity (as CaCO ₃) | 150 mg/l | N/A | *Discontinue | |
| *Hardness (as CaCO ₃) | 160 mg/l | N/A | *Discontinue | |

^{*} Proposed permit changes

⁽¹⁾ This effluent limit will go into effect on the third year of the permit. See report conclusions for details.

Geology

The bedrock under this facility is a felsic and intermediate metavolcanic rock bedded and massive metapyroclastic rock with subordinate mafic lavas; volcanogenic massive sulfide occurrences and greenschist assemblages (*Bedrock Geology of Wisconsin, Regional Map Series Northwest Sheet*, Wisconsin Geological and Natural History Survey (WGNHS), 1987). Bedrock is anticipated to be less than 50 feet below ground surface (bgs) (*Depth to Bedrock in Wisconsin*, WGNHS, 1973). The regolith consists of material ranging from medium to coarse sand. Surface soil primarily consists of the Mahtomedi loamy sand (USDA NRCS Web Soil Survey).

Hydrogeology

Calculated groundwater elevation ranges between 1065 and 1067 feet above mean sea level (msl). Depth to groundwater was reported to be between 5 and 10 feet bgs. Groundwater flow direction was calculated to be predominantly to the east-southeast. Regional groundwater is to the southeast in this area of Rusk County (*Mean Elevation of Water Table*, Map, United States Department of Interior, 1968). The site is bound on the east by the Chippewa River. There are four wells (municipal, other than municipal, private and high-capacity) within a 1,500-foot range of this facility's groundwater discharge.

Land Treatment Effluent Quality and Loading Rates

Outfall 001 is the discharge associated with the groundwater monitoring network. The following table is the average flow (hydraulic loading), total nitrogen and chloride loading summations for the land treatment system. The data was averaged from the results submitted for Outfall 001 and In-Plant sampling Points 101 and 102.

Table 6 Land Treatment Loading Averages

| Year | Flow (gpd) | Nitrogen (mg/l) | Chloride (mg/l) |
|-------|------------|-----------------|-----------------|
| 2024# | 27,200 | 57.8 | 344 |
| 2023 | 20,800 | 76.5 | 415 |
| 2022 | 20,100 | 97.1 | 422 |
| 2021 | 20,700 | 98.2 | 494 |
| 2020 | 18,600 | 99.8 | 430 |
| 2019 | 21,000 | 86.6 | 363 |

[#] Indicates partial year

Table 7 Land Treatment Nitrogen Mass Loading

| Year | Nitrogen Maximum (lbs/ac/yr) | Nitrogen Average (lbs/ac/yr) |
|------|---------------------------------|---------------------------------|
| 2023 | 1020.9 | 721.7 |
| 2022 | 1280.2 | 951.8 |
| 2021 | 1374.1 | 896.5 |
| 2020 | 90.6 | 69.5 |
| 2019 | 1284.7 | 760.2 |

Groundwater Monitoring System and Sampling Frequency

Groundwater samples were collected quarterly from all wells. All of the groundwater sampling parameters were analyzed for the dissolved phase in groundwater. Established groundwater quality standards are found in Table 1 Public Health Groundwater Quality Standards s. NR 140.10 Wis. Adm.

Code, and Table 2 Public Welfare Groundwater Standards s. NR 140.12 Wis. Adm. Code. The thresholds of these standards are the Enforcement Standard (ES) and the Preventative Action Limit (PAL).

Table 8 Groundwater Monitoring Well Data

| | | E | Elevation (feet above msl) | | | | eet) | |
|--------------|--------------|---------------|----------------------------|---------------|------------------|------------------|---------------|-----------|
| Sample Point | Well Name | Casing Top | Ground Surface | Screen Top | Screen Bottom | Screen Length | Well Depth | Well Type |
| 801 | MW-1 | 1076.88 | | 1064.8 | 1059.8 | 5.0 | 17.1 | WT |
| 803 | MW-3 | 1073.11 | | 1068.1 | 1063.1 | 5.0 | 10.0 | WT |
| 804 | MW-4 | 1071.85 | 1070.3 | 1068.9 | 1058.9 | 10.0 | 13.0 | WT |
| 805 | MW-5 | 1073.26 | | 1066.8 | 1061.8 | 5.0 | 21.5 | WT |
| 806 | MW-6 | 1094.67 | 1092.7 | 1071.4 | 1061.4 | 10.0 | 33.3 | WT |
| 807 | MW-7 | 1094.91 | 1092.7 | 1054.5 | 1052.0 | 2.5 | 42.9 | Р |
| 808 | MW-8 | 1074.84 | 1072.8 | 1069.3 | 1059.3 | 10.0 | 13.5 | WT |

WT-Water table Observation P-Piezometer O-Other

Groundwater Sampling Results

Groundwater sampling results from this facility have been analyzed for each well to evaluate trends of the regulated compounds in groundwater and to calculate PALs for s. NR 140.22 Wis. Adm. Code Indicator Parameters and to evaluate potential exemptions under s. NR 140.28 Wis. Adm. Code. The groundwater was evaluated by looking at the sampling results from January 1, 2019 – April 18, 2024.

Background Groundwater Quality

The background groundwater monitoring well sampling results for the past five years have not had any ch. NR 140 Wis. Adm. Code groundwater quality exceedances.

Down-gradient Groundwater Quality

Groundwater monitoring wells 806, 807 and 808 had regular nitrite + nitrate PAL exceedances. There were no ES exceedances. The trend of these exceedances appears to be stable. There were no other groundwater quality exceedances.

Land Treatment System Impact to Groundwater Quality

Concentrations and trends in the groundwater monitoring data were compared to the loading data for the land treatment system. There were no correlations between the effluent loading levels and the groundwater monitoring results.

Proposed Groundwater Monitoring Requirements Permit WI-0002666-10

Table 9 Groundwater Quality Sampling Frequency and Limits Outfall 001 Ridge & Furrow

| Sample Point | Well Name | Sample Frequency | Well Designation | |
|-------------------------------------|--------------|---------------------|----------------------------|--|
| 801 | MW-1 | Quarterly | Background | |
| 803 | MW-3 | Quarterly | Non-Point of Standard | |
| 804 | MW-4 | Quarterly | Point of Standard | |
| 805 | MW-5 | Quarterly | Point of Standard | |
| 806 | MW-6 | Quarterly | Point of Standard | |
| 807 | MW-7 | Quarterly | Point of Standard | |
| 808 | MW-8 | Quarterly | Point of Standard | |
| Parameter | PAL | ES | Source | |
| Depth to Groundwater | N/A | N/A | Measured | |
| Groundwater Elevation | N/A | N/A | Measured | |
| Nitrogen, Nitrite + Nitrate | 2.0 mg/l | 10.0 mg/l | Calculated, NR 140 Table 1 | |
| Chloride | 125 mg/l | 250 mg/l | NR 140 Table 2 | |
| pH, Field | *7.0-9.0 su | N/A | Calculated | |
| Total Dissolved Solids | *290 mg/l | N/A | Calculated | |
| Nitrogen, Ammonia | 0.97 mg/l | 9.7 mg/l | NR 140 Table 1 | |
| Nitrogen, Organic | 2.2 mg/l | N/A | Calculated | |
| *Alkalinity (as CaCO ₃) | *Discontinue | | | |
| *Hardness (as CaCO ₃) | *Discontinue | | | |

^{*} Proposed permit changes

Indicator Parameter PALs

Indicator Parameter PALs are developed following the procedures described in s. NR 140.20(2), Wis. Adm. Code. Indicator parameters do not have Enforcement Standards. The PAL for an indicator parameter is a benchmark for evaluating site specific trends. When significant increases in the trends are observed, the facility and the department's response action under s. NR 140.24 Wis. Adm. Code should be to investigate the source of the compound. The following equations were used to calculate the indicator parameter PALs:

 \sum [Mean of the background groundwater quality + Minimum Increase (NR 140.20 Table 3)] = PAL

And for pH:

 \sum [Mean of the background groundwater quality \pm 1 su] = upper and lower PAL

Alternative Concentration Limits

Alternative concentration Limits (ACLs) can be developed and provided for a groundwater monitoring system utilizing the procedures described in s. NR 140.28, Wis. Adm. Code. ACLs were calculated using the following equation:

 \sum [Mean of the background groundwater quality +(2) x Standard Deviation of Results] = ACL

Conclusions

According to s. NR 214.13 (3) (c) Wis. Adm. Code the nitrogen is to be reported according to the full nitrogen species (mass reporting lbs/ac/yr). Therefore, Total nitrogen is being added to the parameters for sampling points 101 and 102. In the future the mass loading of the ridge & furrow should be calculated using total nitrogen and not total Kjeldahl nitrogen.

In the past the mass for nitrogen and chloride were to be submitted in an annual report. This will change during the first annual report after permit reissuance. The nitrogen max and chloride max will be reported on an annual electronic discharge monitoring report. In addition, the mass nitrogen loading has been quantified to 800 lbs/ac/yr.

This facility has been determined to be a functional equivalent of a surface water discharge given the distance, groundwater flow direction and depth to groundwater. As a result of this determination the PAL exceedances for nitrite + nitrate are not causing a long term impact to the aquifer and the levels will not cause an impact to the Chippewa River. As a result, the department will take no s. NR 140.24 Wis. Adm. Code response action.

The PALs for pH and TDS have been modified based on background groundwater quality sampling results. The range for pH and the limit for TDS have been increased.

Hardness and alkalinity are no longer used and can be discontinued for the sampling parameters in groundwater.

Compliance Schedule Recommendations

A total nitrogen mass limit has been applied to the effluent sampling point to the ridge & furrow of 800 lbs/ac/yr. Give past loading several years have exceeded the new limit, so the limit will go into effect on the third year of the permit. In the interim the facility should evaluate options to reduce the overall nitrogen mass loaded to the ridge and furrow. A brief summary of options and actions should be reported to the department January of the following year reported on.

A map is required of the land Treatment system per ch. NR141.065 Wis. Adm. Code.

"All monitoring well locations shall be reported to the department on a plan map drawn to a specific scale. The map shall indicate structure boundaries, property boundaries, any nearby surface waters and a north arrow. The plan shall show the wells in relation to each other, to property and structure boundaries and to a common reference point on a horizontal grid system. The origin of the grid system shall be located according to latitude and longitude or according to the state plane coordinate system. The exact vertical location of the top of the well casing shall be referenced to the nearest benchmark for the national geodetic survey datum to an accuracy of 0.01 feet. This plan map shall show the exact location of the installed well on a horizontal grid system which is accurate to within 1 foot."

The permittee shall develop and submit to the Department a plan for a cost-effective pollutant minimization program (PMP) which has as its goal the reduction of nitrogen for the purpose of maintaining compliance with permit effluent limitations.

The s. NR 214.13 (5)(e) Wis. Adm. Code requires a land disposal management plan for facilities with land disposal systems. The facility should review their plan within 90 days of permit reissuance and any revisions should be submitted to the department for approval.

Appendix A

The following results were provided by the facility or their agent. The mean and standard deviation were calculated electronically.

| well | | param | parm_unit_ | sample_date | resiresult_amt |
|------|-----|--------------------|------------|-----------------|----------------|
| 801 | 801 | Chloride Dissolved | mg/L | 01/15/2019 0:00 | < 2 |
| 801 | 801 | Chloride Dissolved | mg/L | 05/29/2019 0:00 | < 2 |
| 801 | 801 | Chloride Dissolved | mg/L | 08/28/2019 0:00 | < 2 |
| 801 | 801 | Chloride Dissolved | mg/L | 11/18/2019 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 03/13/2020 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 06/17/2020 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 08/13/2020 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 10/28/2020 0:00 | < 2 < 2 |
| 801 | 801 | Chloride Dissolved | mg/L | 01/07/2021 0:00 | < 2 |
| 801 | 801 | Chloride Dissolved | mg/L | 05/26/2021 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 08/05/2021 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 11/18/2021 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 03/24/2022 0:00 | 2 |
| 801 | 801 | Chloride Dissolved | mg/L | 06/22/2022 0:00 | 44 |
| 801 | 801 | Chloride Dissolved | mg/L | 09/07/2022 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 10/20/2022 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 03/23/2023 0:00 | 3 |
| 801 | 801 | Chloride Dissolved | mg/L | 06/27/2023 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 08/23/2023 0:00 | |
| 801 | 801 | Chloride Dissolved | mg/L | 10/10/2023 0:00 | 3 |
| 801 | 801 | Chloride Dissolved | mg/L | 01/10/2024 0:00 | 2 |
| 801 | 801 | Chloride Dissolved | mg/L | 04/18/2024 0:00 | < 2 |
| | | | | Mean | 4 |
| | | | | Standard Dev | 8.733426 |

| 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/15/2019 0.00 < 0.1 | well | param | parm uni | t_ sample_date res | s result_amt |
|--|---------|--|----------|---------------------|--------------|
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 05/28/2019 0:00 < 0.1 | | Nitrogen, Nitrite + Nitrate (as N) Dissolved | | | _ |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 11/18/2019 0:00 < 0.1 | 801 801 | | - | | |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 03/13/2020 0:00 < 0.1 | 801 801 | | - | | |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 03/13/2020 0.00 < 0.1 | 801 801 | | - | | |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 08/17/2020 0:00 < 0.1 | 801 801 | | _ | | |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 10/28/2020 0.00 < 0.1 | 801 801 | | _ | | |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/07/2021 0:00 < 0.1 | 801 801 | | _ | | |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 05/26/2021 0.00 < 0.1 | 801 801 | | - | | |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 11/18/2021 0.00 < 0.1 | 801 801 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | - | | |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 11/18/2021 0:00 < 0.1 | 801 801 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/26/2021 0:00 | 0.1 |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 03/24/2022 0:00 | 801 801 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/05/2021 0:00 < | 0.1 |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 06/22/2022 0:00 < 0.1 | 801 801 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2021 0:00 < | 0.1 |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 10/20/2022 0:00 < 0.1 | | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/24/2022 0:00 | 0.2 |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 03/23/2023 0:00 0.1 | | | mg/L | 06/22/2022 0:00 < | 1 |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 03/23/2023 0:00 0.1 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 06/27/2023 0:00 0.4 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 10/10/2023 0:00 0.06 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 10/10/2024 0:00 0.08 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/10/2024 0:00 0.08 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/10/2024 0:00 0.08 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/10/2024 0:00 0.08 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/15/2019 0:00 0.0 801 801 Nitrogen, Organic Dissolved mg/L 01/15/2019 0:00 0.5 801 Nitrogen, Organic Dissolved mg/L 05/29/2019 0:00 0.5 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 0.5 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 </td <td></td> <td></td> <td>mg/L</td> <td>09/07/2022 0:00 <</td> <td>0.1</td> | | | mg/L | 09/07/2022 0:00 < | 0.1 |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 08/23/2023 0:00 0.4 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 08/23/2023 0:00 0.06 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 10/10/2023 0:00 0.08 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/10/2024 0:00 0.08 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/10/2024 0:00 0.08 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 04/18/2024 0:00 0.03 801 801 Nitrogen, Organic Dissolved mg/L 01/15/2019 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 05/29/2019 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/07/2022 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/07/2022 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/07/2022 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/07/2022 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/23/2023 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/23/2023 0:00 < 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/23/2023 0:00 < 0.5 801 801 Nitroge | | | mg/L | 10/20/2022 0:00 < | 0.1 |
| 801 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L | | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/23/2023 0:00 | 0.1 |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 01/10/2023 0:00 0.08 | | - · · · · | mg/L | 06/27/2023 0:00 | 0.4 |
| 801 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved | | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/23/2023 0:00 | 0.06 |
| 801 801 Nitrogen, Nitrite + Nitrate (as N) Dissolved mg/L 04/18/2024 0:00 0.03 801 801 Nitrogen, Organic Dissolved mg/L 01/15/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 05/29/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/18/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 | | | mg/L | 10/10/2023 0:00 | 0.08 |
| Mean Standard Dev Standard Dev 0.197391 | | | mg/L | 01/10/2024 0:00 | 0.08 |
| Standard Dev 0.197391 | 801 801 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 04/18/2024 0:00 | 0.03 |
| 801 801 Nitrogen, Organic Dissolved mg/L 01/15/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 05/29/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 11/18/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/17/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 05/26/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2022 0:00 0.5 801 | | | | | 0.152273 |
| 801 801 Nitrogen, Organic Dissolved mg/L 05/29/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 11/18/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/17/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 | | | | Standard Dev | 0.197391 |
| 801 801 Nitrogen, Organic Dissolved mg/L 05/29/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 11/18/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/17/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 | 801 801 | Nitrogen, Organic Dissolved | ma/L | 01/15/2019 0:00 < | 0.5 |
| 801 Nitrogen, Organic Dissolved mg/L 08/28/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 11/18/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/17/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 05/26/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 | 801 801 | | _ | | |
| 801 Nitrogen, Organic Dissolved mg/L 11/18/2019 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/17/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/28/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 05/26/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/11/8/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 | 801 801 | | _ | | |
| 801 Nitrogen, Organic Dissolved mg/L 03/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/17/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/28/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 05/26/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/23/2023 0:00 0.5 801 801 | 801 801 | Nitrogen, Organic Dissolved | _ | | |
| 801 Nitrogen, Organic Dissolved mg/L 06/17/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/28/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 05/26/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/11/8/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/23/2023 0:00 0.5 801 801 | 801 801 | Nitrogen, Organic Dissolved | _ | | |
| 801 801 Nitrogen, Organic Dissolved mg/L 08/13/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/28/2020 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/07/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 11/18/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/22/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/20/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/23/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/27/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/10/2023 0:00 0 | 801 801 | Nitrogen, Organic Dissolved | _ | | |
| 801 801 Nitrogen, Organic Dissolved mg/L 10/28/2020 0:00 < 0.5 | 801 801 | Nitrogen, Organic Dissolved | - | 08/13/2020 0:00 < | |
| 801 801 Nitrogen, Organic Dissolved mg/L 05/26/2021 0:00 < | 801 801 | Nitrogen, Organic Dissolved | - | 10/28/2020 0:00 < | |
| 801 801 Nitrogen, Organic Dissolved mg/L 08/05/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 11/18/2021 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/20/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/23/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/27/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/23/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/10/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/10/2024 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 0 | 801 801 | Nitrogen, Organic Dissolved | mg/L | 01/07/2021 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 11/18/2021 0:00 < 0.5 | 801 801 | Nitrogen, Organic Dissolved | mg/L | 05/26/2021 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 03/24/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/22/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/20/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/23/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/27/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/23/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/10/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/10/2024 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 0.5 | 801 801 | Nitrogen, Organic Dissolved | mg/L | 08/05/2021 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 06/22/2022 0:00 < 0.5 | | Nitrogen, Organic Dissolved | mg/L | 11/18/2021 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 09/07/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/20/2022 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 03/23/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 06/27/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/23/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/10/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/10/2024 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 0.5 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 0.5 | | Nitrogen, Organic Dissolved | mg/L | 03/24/2022 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 10/20/2022 0:00 < | | | mg/L | 06/22/2022 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 03/23/2023 0:00 < | | Nitrogen, Organic Dissolved | mg/L | 09/07/2022 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 06/27/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 08/23/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 10/10/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/10/2024 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 0.5 Mean 0.5 | | Nitrogen, Organic Dissolved | mg/L | 10/20/2022 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 08/23/2023 0:00 < | | - | mg/L | 03/23/2023 0:00 < | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 10/10/2023 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 01/10/2024 0:00 0.5 801 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 0.5 Mean 0.5 | | | mg/L | | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 01/10/2024 0:00 < 0.5 | | | - | | 0.5 |
| 801 801 Nitrogen, Organic Dissolved mg/L 04/18/2024 0:00 < 0.5 Mean 0.5 | | | _ | | 0.5 |
| Mean 0.5 | | | | | |
| | 801 801 | Nitrogen, Organic Dissolved | mg/L | | |
| Standard Dev 0 | | | | | |
| | | | | Standard Dev | 0 |

| well | | param | parm unit | sample_date | resiresult amt |
|-------|-----|-------------------------|-----------|-----------------|----------------|
| 801 8 | 301 | pH Field | su | 01/15/2019 0:00 | 8.31 |
| 801 8 | | pH Field | su | 05/29/2019 0:00 | 8.2 |
| 801 8 | | pH Field | su | 08/28/2019 0:00 | 7.55 |
| 801 8 | | pH Field | su | 11/18/2019 0:00 | 8.24 |
| 801 8 | | pH Field | su | 03/13/2020 0:00 | 8.61 |
| 801 8 | | pH Field | su | 06/17/2020 0:00 | 8.47 |
| 801 8 | | pH Field | su | 08/13/2020 0:00 | 8.02 |
| 801 8 | | pH Field | su | 10/28/2020 0:00 | 8.15 |
| 801 8 | | pH Field | su | 01/07/2021 0:00 | 8.25 |
| 801 8 | | pH Field | su | 05/26/2021 0:00 | 7.92 |
| 801 8 | | pH Field | su | 08/05/2021 0:00 | 7.85 |
| 801 8 | 301 | pH Field | su | 11/18/2021 0:00 | 6.67 |
| 801 8 | 301 | pH Field | su | 03/24/2022 0:00 | 8.42 |
| 801 8 | 301 | pH Field | su | 06/22/2022 0:00 | 8.24 |
| 801 8 | 301 | pH Field | su | 09/07/2022 0:00 | 7.05 |
| 801 8 | 301 | pH Field | su | 10/20/2022 0:00 | 6.51 |
| 801 8 | 301 | pH Field | su | 03/23/2023 0:00 | 8.47 |
| 801 8 | 301 | pH Field | su | 06/27/2023 0:00 | 7.75 |
| 801 8 | 301 | pH Field | su | 08/23/2023 0:00 | 7.65 |
| 801 8 | 301 | pH Field | su | 10/10/2023 0:00 | 7.78 |
| 801 8 | 301 | pH Field | su | 01/10/2024 0:00 | 8.01 |
| 801 8 | 301 | pH Field | su | 04/18/2024 0:00 | 8.01 |
| | | | | Mean | 7.915 |
| | | | | Standard Dev | 0.544583 |
| 801 8 | RN1 | Solids, Total Dissolved | mg/L | 01/15/2019 0:00 | 65 |
| 801 8 | | Solids, Total Dissolved | mg/L | 05/29/2019 0:00 | 86 |
| | 301 | Solids, Total Dissolved | mg/L | 08/28/2019 0:00 | 83 |
| 801 8 | | Solids, Total Dissolved | mg/L | 11/18/2019 0:00 | 95 |
| 801 8 | | Solids, Total Dissolved | mg/L | 03/13/2020 0:00 | 82 |
| 801 8 | | Solids, Total Dissolved | mg/L | 06/17/2020 0:00 | 68 |
| 801 8 | | Solids, Total Dissolved | mg/L | 08/13/2020 0:00 | 79 |
| 801 8 | | Solids, Total Dissolved | mg/L | 10/28/2020 0:00 | 56 |
| 801 8 | | Solids, Total Dissolved | mg/L | 01/07/2021 0:00 | 86 |
| | 301 | Solids, Total Dissolved | mg/L | 05/26/2021 0:00 | 54 |
| 801 8 | | Solids, Total Dissolved | mg/L | 08/05/2021 0:00 | 106 |
| 801 8 | | Solids, Total Dissolved | mg/L | 11/18/2021 0:00 | 75 |
| 801 8 | | Solids, Total Dissolved | mg/L | 03/24/2022 0:00 | 51 |
| 801 8 | | Solids, Total Dissolved | mg/L | 06/22/2022 0:00 | 206 |
| 801 8 | | Solids, Total Dissolved | mg/L | 09/07/2022 0:00 | 73 |
| 801 8 | | Solids, Total Dissolved | mg/L | 10/20/2022 0:00 | 93 |
| 801 8 | | Solids, Total Dissolved | mg/L | 03/23/2023 0:00 | 86 |
| 801 8 | | Solids, Total Dissolved | mg/L | 06/27/2023 0:00 | 56 |
| 801 8 | | Solids, Total Dissolved | mg/L | 08/23/2023 0:00 | 86 |
| 801 8 | | Solids, Total Dissolved | mg/L | 10/10/2023 0:00 | 96 |
| 801 8 | | Solids, Total Dissolved | mg/L | 01/10/2024 0:00 | 66 |
| 801 8 | | Solids, Total Dissolved | mg/L | 04/18/2024 0:00 | 75 |
| | | • | Ū | Mean | 82.86364 |
| | | | | Standard Dev | 30.53507 |
| | | | | | |

<u>6 -</u>

| well | param | parm unit | sample_date r | es⊦result amt |
|---------|--|-----------|-------------------|---------------|
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/15/2019 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/29/2019 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/28/2019 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2019 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/13/2020 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/17/2020 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/13/2020 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/28/2020 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/07/2021 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/26/2021 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/05/2021 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2021 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/24/2022 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/22/2022 0:00 | 0.1 |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 09/07/2022 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/20/2022 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/23/2023 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/27/2023 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/23/2023 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/10/2023 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/10/2024 0:00 < | |
| 801 801 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 04/18/2024 0:00 < | |
| | The state of the s | g/ L | Mean | 0.1 |
| | | | Standard Dev | 0.1 |
| | | | otanaara 207 | Ü |
| 803 803 | Chloride Dissolved | mg/L | 01/15/2019 0:00 | 17 |
| 803 803 | Chloride Dissolved | mg/L | 05/29/2019 0:00 | 46 |
| 803 803 | Chloride Dissolved | mg/L | 08/28/2019 0:00 | 2 |
| 803 803 | Chloride Dissolved | mg/L | 11/18/2019 0:00 | 3 |
| 803 803 | Chloride Dissolved | mg/L | 03/13/2020 0:00 | 3 |
| 803 803 | Chloride Dissolved | mg/L | 06/17/2020 0:00 | 2 |
| 803 803 | Chloride Dissolved | mg/L | 08/13/2020 0:00 | 4 |
| 803 803 | Chloride Dissolved | mg/L | 10/28/2020 0:00 | 2 |
| 803 803 | Chloride Dissolved | mg/L | 01/07/2021 0:00 | 3 |
| 803 803 | Chloride Dissolved | mg/L | 05/26/2021 0:00 | 3 |
| 803 803 | Chloride Dissolved | mg/L | 08/05/2021 0:00 | 3 |
| 803 803 | Chloride Dissolved | mg/L | 11/18/2021 0:00 | 4 |
| 803 803 | Chloride Dissolved | mg/L | 03/24/2022 0:00 | 3 |
| 803 803 | Chloride Dissolved | mg/L | 06/22/2022 0:00 | 8 |
| 803 803 | Chloride Dissolved | mg/L | 09/07/2022 0:00 | 9 |
| 803 803 | Chloride Dissolved | mg/L | 10/20/2022 0:00 | 8 |
| 803 803 | Chloride Dissolved | mg/L | 03/23/2023 0:00 | 6 |
| 803 803 | Chloride Dissolved | mg/L | 06/27/2023 0:00 | 4 |
| 803 803 | Chloride Dissolved | mg/L | 08/23/2023 0:00 | 4 |
| 803 803 | Chloride Dissolved | mg/L | 10/10/2023 0:00 | 5 |
| 803 803 | Chloride Dissolved | mg/L | 01/10/2024 0:00 | 5 |
| 803 803 | Chloride Dissolved | mg/L | 04/18/2024 0:00 | 5 |
| | | - | | |

| well | param | narm un | nit_ sample_date res⊦r | esult amt |
|---------|--|---------|-------------------------|-----------|
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/15/2019 0:00 | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/29/2019 0:00 < | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/28/2019 0:00 < | 0.1 |
| 803 803 | • | - | 11/18/2019 0:00 < | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/13/2020 0:00 < | 0.1 |
| | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/17/2020 0:00 < | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/13/2020 0:00 < | |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/28/2020 0:00 < | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/07/2021 0:00 < | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/26/2021 0:00 | 0.3 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/05/2021 0:00 < | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2021 0:00 < | 0.1 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/24/2022 0:00 | 0.2 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/22/2022 0:00 | 0.2 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 09/07/2022 0:00 | 0.2 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/20/2022 0:00 | 0.2 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/23/2023 0:00 | 0.2 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/27/2023 0:00 | 0.09 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/23/2023 0:00 < | 0.05 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/10/2023 0:00 | 0.09 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/10/2024 0:00 | 0.09 |
| 803 803 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 04/18/2024 0:00 | 0.23 |
| | | | | |
| | | | 0.44.5.00.40.000 | |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 01/15/2019 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 05/29/2019 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 08/28/2019 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 11/18/2019 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 03/13/2020 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 06/17/2020 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 08/13/2020 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 10/28/2020 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 01/07/2021 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 05/26/2021 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 08/05/2021 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 11/18/2021 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 03/24/2022 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 06/22/2022 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 09/07/2022 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 10/20/2022 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 03/23/2023 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 06/27/2023 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 08/23/2023 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 10/10/2023 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 01/10/2024 0:00 < | 0.5 |
| 803 803 | Nitrogen, Organic Dissolved | mg/L | 04/18/2024 0:00 < | 0.5 |
| | - - | - | | |

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| well | param | narm unit | cample data | recurecult amt |
|---------|-------------------------|-----------|----------------------------------|------------------------|
| 803 803 | pH Field | SU SU | _sample_date _01/15/2019 0:00 | res⊦result_amt 6.82 |
| 803 803 | pH Field | su | 05/29/2019 0:00 | |
| 803 803 | pH Field | su | 08/28/2019 0:00 | |
| 803 803 | pH Field | su | 11/18/2019 0:00 | |
| 803 803 | pH Field | su | 03/13/2020 0:00 | |
| 803 803 | pH Field | SU | 06/17/2020 0:00 | |
| 803 803 | pH Field | su | 08/13/2020 0:00 | |
| 803 803 | pH Field | su | 10/28/2020 0:00 | |
| 803 803 | pH Field | su | 01/07/2021 0:00 | |
| 803 803 | pH Field | su | 05/26/2021 0:00 | |
| 803 803 | pH Field | su | 08/05/2021 0:00 | |
| 803 803 | pH Field | SU | 11/18/2021 0:00 | |
| 803 803 | pH Field | SU | 03/24/2022 0:00 | |
| 803 803 | pH Field | su | 06/22/2022 0:00 | 7.75 7.09 |
| 803 803 | pH Field | su | 09/07/2022 0:00 | 6.41 |
| 803 803 | pH Field | SU | 10/20/2022 0:00 | 6.18 |
| 803 803 | pH Field | | 03/23/2023 0:00 | 7.65 |
| 803 803 | pH Field | su su | 06/27/2023 0:00 | |
| 803 803 | pH Field | | 08/23/2023 0:00 | 6.74 |
| 803 803 | pH Field | su | 10/10/2023 0:00 | 6.67 |
| 803 803 | pH Field | su | 01/10/2024 0:00 | 6.52 |
| 803 803 | pH Field | SU | 04/18/2024 0:00 | 6.87 |
| 000 000 | pririou | su | 04/10/2024 0.00 | 7.24 |
| 000 000 | Calida Tatal Dispalyed | | 04/45/0040.0.00 | ~ . |
| 803 803 | Solids, Total Dissolved | mg/L | 01/15/2019 0:00 | 74 |
| 803 803 | Solids, Total Dissolved | mg/L | 05/29/2019 0:00 | 240 |
| 803 803 | Solids, Total Dissolved | mg/L | 08/28/2019 0:00 | 58 |
| 803 803 | Solids, Total Dissolved | mg/L | 11/18/2019 0:00 | 79 |
| 803 803 | Solids, Total Dissolved | mg/L | 03/13/2020 0:00 | 50 |
| 803 803 | Solids, Total Dissolved | mg/L | 06/17/2020 0:00 | 60 |
| 803 803 | Solids, Total Dissolved | mg/L | 08/13/2020 0:00 | 69 |
| 803 803 | Solids, Total Dissolved | mg/L | 10/28/2020 0:00 | 33 |
| 803 803 | Solids, Total Dissolved | mg/L | 01/07/2021 0:00 | 57 |
| 803 803 | Solids, Total Dissolved | mg/L | 05/26/2021 0:00 | 51 |
| 803 803 | Solids, Total Dissolved | mg/L | 08/05/2021 0:00 | 77 |
| 803 803 | Solids, Total Dissolved | mg/L | 11/18/2021 0:00 | 59 |
| 803 803 | Solids, Total Dissolved | mg/L | 03/24/2022 0:00 | 20 |
| 803 803 | Solids, Total Dissolved | mg/L | 06/22/2022 0:00 | 51 |
| 803 803 | Solids, Total Dissolved | mg/L | 09/07/2022 0:00 | 61 |
| 803 803 | Solids, Total Dissolved | mg/L | 10/20/2022 0:00 | 84 |
| 803 803 | Solids, Total Dissolved | mg/L | 03/23/2023 0:00 | 49 |
| 803 803 | Solids, Total Dissolved | mg/L | 06/27/2023 0:00 | 49 |
| 803 803 | Solids, Total Dissolved | mg/L | 08/23/2023 0:00 | 61 |
| 803 803 | Solids, Total Dissolved | mg/L | 10/10/2023 0:00 | 68 |
| 803 803 | Solids, Total Dissolved | mg/L | 01/10/2024 0:00 | 44 |
| 803 803 | Solids, Total Dissolved | mg/L | 04/18/2024 0:00 | 74 |
| | | | | |

| well | param | parm unit | sample_date | res⊦result_amt |
|---------|---------------------------------|-----------|------------------------------------|----------------|
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/15/2019 0:00 | < 0.1 |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/29/2019 0:00 | 0.1 |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/28/2019 0:00 | < 0.1 |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2019 0:00 | < 0.1 |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/13/2020 0:00 | < 0.1 |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/17/2020 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/13/2020 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/28/2020 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/07/2021 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/26/2021 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/05/2021 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2021 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/24/2022 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/22/2022 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 09/07/2022 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/20/2022 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/23/2023 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/27/2023 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/23/2023 0:00 10/10/2023 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/10/2024 0:00 04/18/2024 0:00 | |
| 803 803 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 04/10/2024 0.00 | 0.1 |
| | | | | |
| 804 804 | Chloride Dissolved | mg/L | 01/15/2019 0:00 | 49 |
| 804 804 | Chloride Dissolved | mg/L | 05/29/2019 0:00 | 50 |
| 804 804 | Chloride Dissolved | mg/L | 08/28/2019 0:00 | 48 |
| 804 804 | Chloride Dissolved | mg/L | 11/18/2019 0:00 | 52 |
| 804 804 | Chloride Dissolved | mg/L | 03/13/2020 0:00 | 61 |
| 804 804 | Chloride Dissolved | mg/L | 06/17/2020 0:00 | 49 |
| 804 804 | Chloride Dissolved | mg/L | 08/13/2020 0:00 | 52 |
| 804 804 | Chloride Dissolved | mg/L | 10/28/2020 0:00 | 54 |
| 804 804 | Chloride Dissolved | mg/L | 01/07/2021 0:00 | 63 |
| 804 804 | Chloride Dissolved | mg/L | 05/26/2021 0:00 | 57 |
| 804 804 | Chloride Dissolved | mg/L | 08/05/2021 0:00 | 50 |
| 804 804 | Chloride Dissolved | mg/L | 11/18/2021 0:00 | 48 |
| 804 804 | Chloride Dissolved | mg/L | 03/24/2022 0:00 | 41 |
| 804 804 | Chloride Dissolved | mg/L | 06/22/2022 0:00 | |
| 804 804 | Chloride Dissolved | mg/L | 09/07/2022 0:00 | 47 |
| 804 804 | Chloride Dissolved | mg/L | 10/20/2022 0:00 | 50 |
| 804 804 | Chloride Dissolved | mg/L | 03/23/2023 0:00 | 52 |
| 804 804 | Chloride Dissolved | mg/L | 06/27/2023 0:00 | 47 |
| 804 804 | Chloride Dissolved | mg/L | 08/23/2023 0:00 | 37 |
| 804 804 | Chloride Dissolved | mg/L | 10/10/2023 0:00 | 57 55 |
| 804 804 | Chloride Dissolved | mg/L | 01/10/2024 0:00 | 55 53 |
| 804 804 | Chloride Dissolved | mg/L | 04/18/2024 0:00 | 53 |

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| well | param | narm un | it_sample_date res | surocult omt |
|---------------|--|---------|---------------------|---------------------|
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/15/2019 0:00 < | s⊦result_amt 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/29/2019 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/28/2019 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2019 0:00 < | |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | - | | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/13/2020 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/17/2020 0:00 < | 0.1 |
| 804 804 | - , , | mg/L | 08/13/2020 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/28/2020 0:00 < | 0.1 |
| 804 804 | - · · · · · · · · · · · · · · · · · · · | mg/L | 01/07/2021 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/26/2021 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/05/2021 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2021 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/24/2022 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/22/2022 0:00 < | 0.1 |
| | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 09/07/2022 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/20/2022 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/23/2023 0:00 < | 0.1 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/27/2023 0:00 < | 0.05 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/23/2023 0:00 < | 0.05 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/10/2023 0:00 < | 0.05 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/10/2024 0:00 < | 0.05 |
| 804 804 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 04/18/2024 0:00 < | 0.02 |
| | | | | |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 01/15/2019 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 05/29/2019 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 08/28/2019 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 11/18/2019 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 03/13/2020 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 06/17/2020 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 08/13/2020 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 10/28/2020 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 01/07/2021 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 05/26/2021 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 08/05/2021 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 11/18/2021 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 03/24/2022 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 06/22/2022 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 09/07/2022 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 10/20/2022 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 03/23/2023 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 06/27/2023 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 08/23/2023 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 10/10/2023 0:00 < | 0.5 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 01/10/2024 0:00 < | 0.05 |
| 804 804 | Nitrogen, Organic Dissolved | mg/L | 04/18/2024 0:00 < | 0.05 |
| · | | 9/ - | 3 17 TOTE OF T 0.00 | 0.0 |

| well | param | parm unit | sample_date | res⊦result_amt |
|--------------------|--|--------------|------------------|----------------|
| 804 804 | pH Field | su | 01/15/2019 0:00 | |
| 804 804 | pH Field | su | 05/29/2019 0:00 | 7.2 |
| 804 804 | pH Field | su | 08/28/2019 0:00 | 7.07 |
| 804 804 | pH Field | su | 11/18/2019 0:00 | 7.07 |
| 804 804 | pH Field | su | 03/13/2020 0:00 | 7.14 |
| 804 804 | pH Field | su | 06/17/2020 0:00 | 6.98 |
| 804 804 | pH Field | su | 08/13/2020 0:00 | 6.85 |
| 804 804 | pH Field | su | 10/28/2020 0:00 | 6.8 |
| 804 804 | pH Field | su | 01/07/2021 0:00 | 7.07 |
| 804 804 | pH Field | su | 05/26/2021 0:00 | 6.94 |
| 804 804 | pH Field | su | 08/05/2021 0:00 | 6.87 |
| 804 804 | pH Field | su | 11/18/2021 0:00 | 6.71 |
| 804 804 | pH Field | su | 03/24/2022 0:00 | 7.41 |
| 804 804 | pH Field | su | 06/22/2022 0:00 | 7.05 |
| 804 804 | pH Field | su | 09/07/2022 0:00 | 6.41 |
| 804 804 | pH Field | su | 10/20/2022 0:00 | 6.57 |
| 804 804 | pH Field | su | 03/23/2023 0:00 | 7.22 |
| 804 804 | pH Field | su | 06/27/2023 0:00 | 6.68 |
| 804 804 | pH Field | su | 08/23/2023 0:00 | 6.65 |
| 804 804 | pH Field | su | 10/10/2023 0:00 | 6.64 |
| 804 804 | pH Field | su | 01/10/2024 0:00 | 6.77 |
| 804 804 | pH Field | su | 04/18/2024 0:00 | 6.89 |
| | | | | |
| 004 004 | Calida Tatal Diagolyad | ma/l | 01/15/2019 0:00 | 216 |
| 804 804 | Solids, Total Dissolved | mg/L | 05/29/2019 0:00 | 223 |
| 804 804 | Solids, Total Dissolved | mg/L | 08/28/2019 0:00 | 210 |
| 804 804 804 804 | Solids, Total Dissolved | mg/L | 11/18/2019 0:00 | 239 |
| | Solids, Total Dissolved | mg/L | 03/13/2020 0:00 | 273 |
| 804 804 804 804 | Solids, Total Dissolved | mg/L | 06/17/2020 0:00 | 250 |
| 804 804 | Solids, Total Dissolved | mg/L mg/L | 08/13/2020 0:00 | 246 |
| 804 804 | Solids, Total Dissolved | _ | 10/28/2020 0:00 | 215 |
| 804 804 | Solids, Total Dissolved | mg/L | 01/07/2021 0:00 | 262 |
| 804 804 | Solids, Total Dissolved | mg/L | 05/26/2021 0:00 | 273 |
| 804 804 | Solids, Total Dissolved Solids, Total Dissolved | mg/L mg/L | 08/05/2021 0:00 | 273 |
| 804 804 | | - | 11/18/2021 0:00 | 230 |
| 804 804 | Solids, Total Dissolved | mg/L | 03/24/2022 0:00 | 186 |
| 804 804 | Solids, Total Dissolved | mg/L | 06/22/2022 0:00 | 56 |
| 804 804 | Solids, Total Dissolved | mg/L mg/L | 09/07/2022 0:00 | 191 |
| 804 804 | Solids, Total Dissolved | _ | 10/20/2022 0:00 | 251 |
| 804 804 | Solids, Total Dissolved Solids, Total Dissolved | mg/L mg/L | 03/23/2023 0:00 | 214 |
| 804 804 | Solids, Total Dissolved | mg/L | 06/27/2023 0:00 | 216 |
| 804 804 | Solids, Total Dissolved | mg/L | 08/23/2023 0:00 | 227 |
| 804 804 | Solids, Total Dissolved | mg/L | 10/10/2023 0:00 | 242 |
| 804 804 | Solids, Total Dissolved | mg/L | 01/10/2024 0:00 | 234 |
| 804 804 | Solids, Total Dissolved | mg/L | 04/18/2024 0:00 | 242 |
| 004 004 | Collas, Total Dissolved | mg/L | UTI 101202T 0.00 | £a.''T €a. |

| well | | param | narm | _unit_ sample_date res⊦resı | ult amt |
|------|-----|---------------------------------|------|------------------------------|---------|
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/15/2019 0:00 | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/29/2019 0:00 < | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/28/2019 0:00 < | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2019 0:00 | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/13/2020 0:00 | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/17/2020 0:00 | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/13/2020 0:00 | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/28/2020 0:00 | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/07/2021 0:00 | 0.1 |
| 804 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/26/2021 0:00 < | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/05/2021 0:00 | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2021 0:00 | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/24/2022 0:00 < | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/22/2022 0:00 < | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 09/07/2022 0:00 | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/20/2022 0:00 | 0.2 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/23/2023 0:00 | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/27/2023 0:00 < | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/23/2023 0:00 | 0.2 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/10/2023 0:00 | 0.2 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/10/2024 0:00 | 0.1 |
| 804 | 804 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 04/18/2024 0:00 | 0.1 |
| | | , | | | 0., |
| 005 | 005 | 011 11 51 1 | | | |
| 805 | | Chloride Dissolved | mg/L | 01/15/2019 0:00 | 28 |
| 805 | | Chloride Dissolved | mg/L | 05/29/2019 0:00 | 28 |
| 805 | | Chloride Dissolved | mg/L | 08/28/2019 0:00 | 39 |
| 805 | | Chloride Dissolved | mg/L | 11/18/2019 0:00 | 45 |
| 805 | | Chloride Dissolved | mg/L | 03/13/2020 0:00 | 26 |
| 805 | | Chloride Dissolved | mg/L | 06/17/2020 0:00 | 32 |
| 805 | | Chloride Dissolved | mg/L | 08/13/2020 0:00 | 42 |
| 805 | | Chloride Dissolved | mg/L | 10/28/2020 0:00 | 33 |
| 805 | | Chloride Dissolved | mg/L | 01/07/2021 0:00 | 25 |
| 805 | | Chloride Dissolved | mg/L | 05/26/2021 0:00 | 29 |
| 805 | | Chloride Dissolved | mg/L | 08/05/2021 0:00 | 22 |
| 805 | | Chloride Dissolved | mg/L | 11/18/2021 0:00 | 25 |
| 805 | | Chloride Dissolved | mg/L | 03/24/2022 0:00 | 25 |
| 805 | | Chloride Dissolved | mg/L | 06/22/2022 0:00 | 56 |
| 805 | | Chloride Dissolved | mg/L | 09/07/2022 0:00 | 27 |
| 805 | | Chloride Dissolved | mg/L | 10/20/2022 0:00 | 26 |
| 805 | | Chloride Dissolved | mg/L | 03/23/2023 0:00 | 22 |
| 805 | | Chloride Dissolved | mg/L | 06/27/2023 0:00 | 41 |
| 805 | | Chloride Dissolved | mg/L | 08/23/2023 0:00 | 37 |
| 805 | | Chloride Dissolved | mg/L | 10/10/2023 0:00 | 30 |
| 805 | | Chloride Dissolved | mg/L | 01/10/2024 0:00 | 22 |
| 805 | 805 | Chloride Dissolved | mg/L | 04/18/2024 0:00 | 21 |
| | | | | | |

| well | naram | narm ur | nit_sample_date resu | esult_amt |
|--------------------|--|--------------|----------------------|-------------|
| 805 805 | param Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/15/2019 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/29/2019 0:00 | 0.6 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/28/2019 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2019 0:00 < | 0.1 |
| | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/13/2020 0:00 < | 0.1 |
| 805 805 | | _ | 06/17/2020 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/13/2020 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/28/2020 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/07/2021 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/26/2021 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/05/2021 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2021 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/24/2022 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/22/2022 0:00 < | |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 09/07/2022 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/20/2022 0:00 < | 0.1 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/23/2023 0:00 < | 0.1 0.05 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/27/2023 0:00 < | 0.05 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/23/2023 0:00 < | 0.05 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/10/2023 0:00 < | |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/10/2024 0:00 < | 0.05 |
| 805 805 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 04/18/2024 0:00 | 0.05 |
| | | | | |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 01/15/2019 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 05/29/2019 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 08/28/2019 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 11/18/2019 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 03/13/2020 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 06/17/2020 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 08/13/2020 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 10/28/2020 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 01/07/2021 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 05/26/2021 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 08/05/2021 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 11/18/2021 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 03/24/2022 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 06/22/2022 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 09/07/2022 0:00 < | 0.5 |
| | <u> </u> | mg/L | 10/20/2022 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | | 03/23/2023 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L mg/l | 06/27/2023 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L mg/l | 08/23/2023 0:00 < | 0.5 |
| 805 805 805 805 | Nitrogen, Organic Dissolved | mg/L mg/L | 10/10/2023 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved | mg/L | 01/10/2024 0:00 < | 0.5 |
| 805 805 | Nitrogen, Organic Dissolved Nitrogen, Organic Dissolved | mg/L | 04/18/2024 0:00 < | 0.5 |
| 000 000 | Milogen, Organic Dissolved | 1119/L | 0-1/ 10/E0Z-T 0.00 4 | 5.0 |

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| well | param | narm unit | sample_date | res result_amt |
|--------------------|-------------------------|-----------|-----------------|----------------|
| 805 805 | pH Field | su | 01/15/2019 0:00 | 7.19 |
| 805 805 | pH Field | su | 05/29/2019 0:00 | 6.96 |
| 805 805 | pH Field | su | 08/28/2019 0:00 | 7.07 |
| 805 805 | pH Field | su | 11/18/2019 0:00 | 7.16 |
| 805 805 | pH Field | su | 03/13/2020 0:00 | 7.08 |
| 805 805 | pH Field | su | 06/17/2020 0:00 | 7.05 |
| 805 805 | pH Field | su | 08/13/2020 0:00 | 6.92 |
| 805 805 | pH Field | su | 10/28/2020 0:00 | 6.78 |
| 805 805 | pH Field | su | 01/07/2021 0:00 | 7.11 |
| 805 805 | pH Field | su | 05/26/2021 0:00 | 7.09 |
| 805 805 | pH Field | su | 08/05/2021 0:00 | 6.98 |
| 805 805 | pH Field | su | 11/18/2021 0:00 | 6.87 |
| 805 805 | pH Field | su | 03/24/2022 0:00 | 7.54 |
| 805 805 | pH Field | su | 06/22/2022 0:00 | 7.09 |
| 805 805 | pH Field | su | 09/07/2022 0:00 | 6.52 |
| 805 805 | pH Field | su | 10/20/2022 0:00 | 6.73 |
| 805 805 | pH Field | su | 03/23/2023 0:00 | 7.33 |
| 805 805 | pH Field | su | 06/27/2023 0:00 | 9.73 |
| 805 805 | pH Field | su | 08/23/2023 0:00 | 6.78 |
| 805 805 | pH Field | su | 10/10/2023 0:00 | 6.76 |
| 805 805 | pH Field | su | 01/10/2024 0:00 | 6.99 |
| 805 805 | pH Field | su | 04/18/2024 0:00 | 7.02 |
| | | Ju | 0111012024 0.00 | 7.02 |
| 805 805 | Solida Total Dissalvad | | 04/45/0040 0 00 | 4770 |
| 805 805 | Solids, Total Dissolved | mg/L | 01/15/2019 0:00 | 173 |
| 805 805 | Solids, Total Dissolved | mg/L | 05/29/2019 0:00 | 175 |
| 805 805 | Solids, Total Dissolved | mg/L | 08/28/2019 0:00 | 190 |
| 805 805 | Solids, Total Dissolved | mg/L | 11/18/2019 0:00 | 204 |
| 805 805 | Solids, Total Dissolved | mg/L | 03/13/2020 0:00 | 166 |
| 805 805 | Solids, Total Dissolved | mg/L | 06/17/2020 0:00 | 179 |
| 805 805 | Solids, Total Dissolved | mg/L | 08/13/2020 0:00 | 227 |
| 805 805 | Solids, Total Dissolved | mg/L | 10/28/2020 0:00 | 172 |
| 805 805 | Solids, Total Dissolved | mg/L | 01/07/2021 0:00 | 152 |
| 805 805 | Solids, Total Dissolved | mg/L | 05/26/2021 0:00 | 177 |
| | Solids, Total Dissolved | mg/L | 08/05/2021 0:00 | 175 |
| 805 805 | Solids, Total Dissolved | mg/L | 11/18/2021 0:00 | 159 |
| 805 805 805 805 | Solids, Total Dissolved | mg/L | 03/24/2022 0:00 | 114 |
| | Solids, Total Dissolved | mg/L | 06/22/2022 0:00 | 209 |
| 805 805 | Solids, Total Dissolved | mg/L | 09/07/2022 0:00 | 155 |
| 805 805 | Solids, Total Dissolved | mg/L | 10/20/2022 0:00 | 172 |
| 805 805 | Solids, Total Dissolved | mg/L | 03/23/2023 0:00 | 129 |
| 805 805 | Solids, Total Dissolved | mg/L | 06/27/2023 0:00 | 190 |
| 805 805 | Solids, Total Dissolved | mg/L | 08/23/2023 0:00 | 181 |
| 805 805 | Solids, Total Dissolved | mg/L | 10/10/2023 0:00 | 176 |
| 805 805 | Solids, Total Dissolved | mg/L | 01/10/2024 0:00 | 134 |
| 805 805 | Solids, Total Dissolved | mg/L | 04/18/2024 0:00 | 157 |

| well | param | parm_ | _unit_ sample_date | res⊦result_amt |
|--------|------------------------------------|-------|---------------------|----------------|
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/15/2019 0:00 | |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/29/2019 0:00 | |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/28/2019 0:00 | |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2019 0:00 | |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/13/2020 0:00 | |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/17/2020 0:00 | 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/13/2020 0:00 | 0.2 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/28/2020 0:00 | 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/07/2021 0:00 | < 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/26/2021 0:00 | < 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/05/2021 0:00 | 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2021 0:00 | 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/24/2022 0:00 | < 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/22/2022 0:00 | < 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 09/07/2022 0:00 | 0.2 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/20/2022 0:00 | 0.1 |
| 805 86 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/23/2023 0:00 | < 0.1 |
| 805 8 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/27/2023 0:00 | 0.1 |
| 805 80 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/23/2023 0:00 | 0.2 |
| 805 80 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/10/2023 0:00 | 0.2 |
| 805 80 | 05 Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/10/2024 0:00 | 0.1 |
| 805 80 | | mg/L | 04/18/2024 0:00 | < 0.1 |
| | • | | | |
| | | | 0.4.4.5.00.4.0.0.00 | |
| 806 80 | | mg/L | 01/15/2019 0:00 | 2 |
| 806 80 | | mg/L | 05/29/2019 0:00 | |
| 806 80 | | mg/L | 08/28/2019 0:00 | |
| 806 80 | | mg/L | 11/18/2019 0:00 | |
| 806 80 | | mg/L | 03/13/2020 0:00 | 2 |
| 806 80 | | mg/L | 06/17/2020 0:00 | 2 |
| 806 80 | | mg/L | 08/13/2020 0:00 | 2 |
| 806 80 | | mg/L | 10/28/2020 0:00 | 2 |
| 806 80 | | mg/L | 01/07/2021 0:00 | 2 |
| 806 80 | | mg/L | 05/26/2021 0:00 | 3 |
| 806 80 | | mg/L | 08/05/2021 0:00 | |
| 806 80 | | mg/L | 11/18/2021 0:00 | 3 |
| 806 80 | | mg/L | 03/24/2022 0:00 | 3 |
| 806 80 | | mg/L | 06/22/2022 0:00 | 13 |
| 806 80 | | mg/L | 09/07/2022 0:00 | 3 |
| 806 80 | | mg/L | 10/20/2022 0:00 | 3 |
| 806 80 | | mg/L | 03/23/2023 0:00 | 3 |
| 806 80 | | mg/L | 06/27/2023 0:00 | 2 |
| 806 80 | | mg/L | 08/23/2023 0:00 | 21 |
| 806 80 | | mg/L | 10/10/2023 0:00 | 2 |
| 806 80 | | mg/L | 01/10/2024 0:00 | 3 |
| 806 80 | 06 Chloride Dissolved | mg/L | 04/18/2024 0:00 | 23 |
| | | | | |

| well | param | narm un | it_sample_date | res⊧result_amt |
|---------|--|---------|-----------------|----------------|
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/15/2019 0:00 | 2 2 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/29/2019 0:00 | 0.4 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/28/2019 0:00 | 2.7 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2019 0:00 | |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | _ | | 1 |
| 806 806 | | mg/L | 03/13/2020 0:00 | 2.4 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/17/2020 0:00 | 2 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/13/2020 0:00 | 1.3 |
| | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/28/2020 0:00 | 2.7 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/07/2021 0:00 | 3.2 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/26/2021 0:00 | 1.8 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/05/2021 0:00 | 1.9 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2021 0:00 | 2.7 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/24/2022 0:00 | 2.1 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/22/2022 0:00 | 1 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 09/07/2022 0:00 | 2.1 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/20/2022 0:00 | 2.4 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/23/2023 0:00 | 1.2 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/27/2023 0:00 | 1.41 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/23/2023 0:00 | 0.61 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/10/2023 0:00 | 3.14 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/10/2024 0:00 | 2 |
| 806 806 | Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 04/18/2024 0:00 | 0.35 |
| | · , , | J | | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 01/15/2019 0:00 | < 0.5 |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 05/29/2019 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 08/28/2019 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 11/18/2019 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 03/13/2020 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 06/17/2020 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | _ | | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 08/13/2020 0:00 | |
| 806 806 | - · · · · · | mg/L | 10/28/2020 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 01/07/2021 0:00 | 0.8 |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 05/26/2021 0:00 | |
| | Nitrogen, Organic Dissolved | mg/L | 08/05/2021 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 11/18/2021 0:00 | 0.6 |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 03/24/2022 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 06/22/2022 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 09/07/2022 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 10/20/2022 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 03/23/2023 0:00 | |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 06/27/2023 0:00 | < 0.5 |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 08/23/2023 0:00 | < 0.5 |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 10/10/2023 0:00 | < 0.5 |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 01/10/2024 0:00 | 0.5 |
| 806 806 | Nitrogen, Organic Dissolved | mg/L | 04/18/2024 0:00 | |
| | | | | |

| well | naram | narm unit | sample_date | resi result amt |
|---------|-------------------------|-----------|-----------------|-----------------|
| 806 806 | param pH Field | su | 01/15/2019 0:00 | 7.06 |
| 806 806 | pH Field | su | 05/29/2019 0:00 | 7.25 |
| 806 806 | pH Field | su | 08/28/2019 0:00 | 6.99 |
| 806 806 | pH Field | su | 11/18/2019 0:00 | 7.1 |
| 806 806 | pH Field | su | 03/13/2020 0:00 | 6.99 |
| 806 806 | pH Field | su | 06/17/2020 0:00 | 6.78 |
| 806 806 | pH Field | su | 08/13/2020 0:00 | 6.7 |
| 806 806 | pH Field | su | 10/28/2020 0:00 | 6.79 |
| 806 806 | pH Field | su | 01/07/2021 0:00 | 7.09 |
| 806 806 | pH Field | su | 05/26/2021 0:00 | 6.88 |
| 806 806 | pH Field | su | 08/05/2021 0:00 | 6.77 |
| 806 806 | pH Field | SU | 11/18/2021 0:00 | 6.67 |
| 806 806 | pH Field | SU | 03/24/2022 0:00 | 7.4 |
| 806 806 | pH Field | su | 06/22/2022 0:00 | 6.83 |
| 806 806 | • | | 09/07/2022 0:00 | 6.71 |
| | pH Field | SU | 10/20/2022 0:00 | 6.92 |
| 806 806 | pH Field | su | 03/23/2023 0:00 | 7.05 |
| 806 806 | pH Field | su | 06/27/2023 0:00 | 6.56 |
| 806 806 | pH Field | su | 08/23/2023 0:00 | |
| 806 806 | pH Field | su | | 6.68 |
| 806 806 | pH Field | su | 10/10/2023 0:00 | 6.82 |
| 806 806 | pH Field | SU | 01/10/2024 0:00 | 6.96 |
| 806 806 | pH Field | su | 04/18/2024 0:00 | 6.89 |
| | | | | |
| 806 806 | Solids, Total Dissolved | mg/L | 01/15/2019 0:00 | 68 |
| 806 806 | Solids, Total Dissolved | mg/L | 05/29/2019 0:00 | 72 |
| 806 806 | Solids, Total Dissolved | mg/L | 08/28/2019 0:00 | 82 |
| 806 806 | Solids, Total Dissolved | mg/L | 11/18/2019 0:00 | 72 |
| 806 806 | Solids, Total Dissolved | mg/L | 03/13/2020 0:00 | 76 |
| 806 806 | Solids, Total Dissolved | mg/L | 06/17/2020 0:00 | 79 |
| 806 806 | Solids, Total Dissolved | mg/L | 08/13/2020 0:00 | 79 |
| | · | mg/L | 10/28/2020 0:00 | 69 |
| 806 806 | Solids, Total Dissolved | mg/L | 01/07/2021 0:00 | 47 |
| 806 806 | Solids, Total Dissolved | _ | 05/26/2021 0:00 | 70 |
| 806 806 | Solids, Total Dissolved | mg/L | 08/05/2021 0:00 | 118 |
| 806 806 | Solids, Total Dissolved | mg/L | | |
| 806 806 | Solids, Total Dissolved | mg/L | 11/18/2021 0:00 | 99 51 |
| 806 806 | Solids, Total Dissolved | mg/L | 03/24/2022 0:00 | 51 |
| 806 806 | Solids, Total Dissolved | mg/L | 06/22/2022 0:00 | 88 |
| 806 806 | Solids, Total Dissolved | mg/L | 09/07/2022 0:00 | 77 |
| 806 806 | Solids, Total Dissolved | mg/L | 10/20/2022 0:00 | 88 |
| 806 806 | Solids, Total Dissolved | mg/L | 03/23/2023 0:00 | 69 |
| 806 806 | Solids, Total Dissolved | mg/L | 06/27/2023 0:00 | 52 |
| 806 806 | Solids, Total Dissolved | mg/L | 08/23/2023 0:00 | 75 |
| 806 806 | Solids, Total Dissolved | mg/L | 10/10/2023 0:00 | 88 |
| 806 806 | Solids, Total Dissolved | mg/L | 01/10/2024 0:00 | 77 |
| 806 806 | Solids, Total Dissolved | mg/L | 04/18/2024 0:00 | 119 |
| | | | | |

| well | | param | | parm u | nit_ sample_date r | es⊦result_amt |
|------|--------|------------|--|------------|---------------------|---------------|
| 806 | 806 | Nitrogen, | , Ammonia (NH3-N) Total | mg/L | 01/15/2019 0:00 < | |
| 806 | 806 | _ | , Ammonia (NH3-N) Total | mg/L | 05/29/2019 0:00 < | |
| 806 | 806 | Nitrogen, | , Ammonia (NH3-N) Total | mg/L | 08/28/2019 0:00 < | |
| 806 | 806 | | , Ammonia (NH3-N) Total | mg/L | 11/18/2019 0:00 < | |
| 806 | 806 | | , Ammonia (NH3-N) Total | mg/L | 03/13/2020 0:00 < | |
| 806 | 806 | | , Ammonia (NH3-N) Total | mg/L | 06/17/2020 0:00 < | |
| 806 | 806 | | Ammonia (NH3-N) Total | mg/L | 08/13/2020 0:00 < | |
| 806 | 806 | | Ammonia (NH3-N) Total | mg/L | 10/28/2020 0:00 < | |
| | 806 | | Ammonia (NH3-N) Total | mg/L | 01/07/2021 0:00 | 0.1 |
| 806 | 806 | • | Ammonia (NH3-N) Total | mg/L | 05/26/2021 0:00 < | |
| 806 | 806 | _ | Ammonia (NH3-N) Total | mg/L | 08/05/2021 0:00 | 0.2 |
| | 806 | _ | Ammonia (NH3-N) Total | mg/L | 11/18/2021 0:00 < | |
| | 806 | _ | Ammonia (NH3-N) Total | mg/L | 03/24/2022 0:00 < | |
| | 806 | _ | Ammonia (NH3-N) Total | mg/L | 06/22/2022 0:00 < | |
| | 806 | _ | Ammonia (NH3-N) Total | mg/L | 09/07/2022 0:00 < | |
| | 806 | | Ammonia (NH3-N) Total | mg/L | 10/20/2022 0:00 < | |
| 806 | 806 | _ | Ammonia (NH3-N) Total | mg/L | 03/23/2023 0:00 < | |
| | 806 | | Ammonia (NH3-N) Total | mg/L | 06/27/2023 0:00 < | |
| | 806 | | Ammonia (NH3-N) Total | mg/L | 08/23/2023 0:00 < | |
| | 806 | | Ammonia (NH3-N) Total | mg/L | 10/10/2023 0:00 < | |
| | 806 | - | Ammonia (NH3-N) Total | mg/L | 01/10/2024 0:00 < | |
| | 806 | _ | Ammonia (NH3-N) Total | mg/L | 04/18/2024 0:00 < | |
| | | | Time in the interest of the in | 1119/1 | 04/10/2024 0.00 | 0.1 |
| | | | | | | |
| | | Chloride | | mg/L | 01/15/2019 0:00 | 22 |
| | | | Dissolved | mg/L | 05/29/2019 0:00 | 37 |
| | | | Dissolved | mg/L | 08/28/2019 0:00 | 11 |
| | | | Dissolved | mg/L | 11/18/2019 0:00 | 17 |
| | | | Dissolved | mg/L | 03/13/2020 0:00 | 17 |
| | | | Dissolved | mg/L | 06/17/2020 0:00 | 7 |
| | | | Dissolved | mg/L | 08/13/2020 0:00 | 6 |
| | - | | Dissolved | mg/L | 10/28/2020 0:00 | 10 |
| 807 | 807 (F | Chloride | Dissolved | mg/L | 01/07/2021 0:00 | 11 |
| | | Chloride | | mg/L | 05/26/2021 0:00 | 6 |
| 807 | 807 (F | Chloride | Dissolved | mg/L | 08/05/2021 0:00 | 7 |
| | | Chloride | | mg/L | 11/18/2021 0:00 | 17 |
| 807 | 807 (F | Chloride | Dissolved | mg/L | 03/24/2022 0:00 | 22 |
| 807 | 807 (F | Chloride | Dissolved | mg/L | 06/22/2022 0:00 | 3 |
| 807 | 807 (F | Chloride I | Dissolved | mg/L | 09/07/2022 0:00 | 25 |
| 807 | 807 (F | Chloride I | Dissolved | mg/L | 10/20/2022 0:00 | 26 |
| | | Chloride I | | mg/L | 03/23/2023 0:00 | 28 |
| 807 | 807 (F | Chloride I | Dissolved | mg/L | 06/27/2023 0:00 | 9 |
| | | Chloride I | | mg/L | 08/23/2023 0:00 | 21 |
| 807 | 807 (F | Chloride I | Dissolved | mg/L | 10/10/2023 0:00 | 23 |
| 807 | 807 (F | Chloride I | Dissolved | mg/L | 01/10/2024 0:00 | 15 |
| | | Chloride I | | mg/L | 04/18/2024 0:00 | 3 |
| | • | | | J – | | ŭ |

| well param | narm un | nit_ sample_date | res⊦result_amt |
|---|---------|------------------|----------------|
| well param 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/15/2019 0:00 | 0.4 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/29/2019 0:00 | 0.2 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/28/2019 0:00 | 1.8 |
| | - | 11/18/2019 0:00 | 1.4 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | | 0.7 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/13/2020 0:00 | 1.5 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/17/2020 0:00 | |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/13/2020 0:00 | 2.1 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/28/2020 0:00 | 1.2 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/07/2021 0:00 | 1 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 05/26/2021 0:00 | 1.5 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/05/2021 0:00 | 1.3 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 11/18/2021 0:00 | 0.8 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/24/2022 0:00 | 0.4 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/22/2022 0:00 | 0.6 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 09/07/2022 0:00 | 0.6 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/20/2022 0:00 | 0.4 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 03/23/2023 0:00 | 0.5 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 06/27/2023 0:00 | 0.97 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 08/23/2023 0:00 | 0.61 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 10/10/2023 0:00 | 0.33 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 01/10/2024 0:00 | 0.56 |
| 807 807 (F Nitrogen, Nitrite + Nitrate (as N) Dissolved | mg/L | 04/18/2024 0:00 | 0.88 |
| , , | Ū | | |
| | | | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 01/15/2019 0:00 | < 0.5 |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 05/29/2019 0:00 | < 0.5 |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 08/28/2019 0:00 | < 0.5 |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 11/18/2019 0:00 | < 0.5 |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 03/13/2020 0:00 | < 0.5 |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 06/17/2020 0:00 | < 0.5 |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 08/13/2020 0:00 | < 0.5 |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 10/28/2020 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 01/07/2021 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 05/26/2021 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 08/05/2021 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 11/18/2021 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 03/24/2022 0:00 | |
| · | mg/L | 06/22/2022 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | - | 09/07/2022 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 10/20/2022 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 03/23/2023 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 06/27/2023 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 08/23/2023 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 10/10/2023 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 01/10/2024 0:00 | |
| 807 807 (F Nitrogen, Organic Dissolved | mg/L | 04/18/2024 0:00 | < 0.5 |
| | | | |

| well | param | narm unit | sample_date | rootrocult amt |
|------|---|-----------|------------------|------------------------|
| | 807 (FpH Field | su | 01/15/2019 0:00 | res⊦result_amt 6.95 |
| | 807 (FpH Field | su | 05/29/2019 0:00 | 7.02 |
| | 807 (FpH Field | su | 08/28/2019 0:00 | 7.04 |
| | 807 (FpH Field | su | 11/18/2019 0:00 | |
| | 807 (FpH Field | | 03/13/2020 0:00 | 6.95 |
| | 807 (FpH Field | su | | 6.81 |
| | 807 (FpH Field | su | 06/17/2020 0:00 | 6.7 |
| | 807 (FpH Field | su | 08/13/2020 0:00 | 6.74 |
| | 807 (FpH Field | su | 10/28/2020 0:00 | 6.46 |
| | 807 (FpH Field | su | 01/07/2021 0:00 | 6.99 |
| | · · | su | 05/26/2021 0:00 | 6.86 |
| | 807 (FpH Field | su | 08/05/2021 0:00 | 6.78 |
| | 807 (FpH Field | su | 11/18/2021 0:00 | 6.63 |
| | 807 (F pH Field | su | 03/24/2022 0:00 | 7.39 |
| | 807 (F pH Field | su | 06/22/2022 0:00 | 6.83 |
| | 807 (FpH Field | su | 09/07/2022 0:00 | 6.56 |
| | 807 (FpH Field | su | 10/20/2022 0:00 | 6.62 |
| | 807 (FpH Field | su | 03/23/2023 0:00 | 7.02 |
| | 807 (FpH Field | su | 06/27/2023 0:00 | 6.56 |
| | 807 (FpH Field | su | 08/23/2023 0:00 | 6.63 |
| | 807 (FpH Field | su | 10/10/2023 0:00 | 6.62 |
| | 807 (FpH Field | su | 01/10/2024 0:00 | 6.75 |
| 807 | 807 (FpH Field | su | 04/18/2024 0:00 | 6.9 |
| | | | | |
| 007 | 007/50/51 7445 | | | |
| | 807 (F Solids, Total Dissolved | mg/L | 01/15/2019 0:00 | 86 |
| | 807 (F Solids, Total Dissolved | mg/L | 05/29/2019 0:00 | 160 |
| | 807 (F Solids, Total Dissolved | mg/L | 08/28/2019 0:00 | 94 |
| | 807 (F Solids, Total Dissolved | mg/L | 11/18/2019 0:00 | 108 |
| | 807 (F Solids, Total Dissolved | mg/L | 03/13/2020 0:00 | 109 |
| | 807 (F Solids, Total Dissolved | mg/L | 06/17/2020 0:00 | 85 |
| | 807 (F Solids, Total Dissolved | mg/L | 08/13/2020 0:00 | 102 |
| | 807 (F Solids, Total Dissolved | mg/L | 10/28/2020 0:00 | 70 |
| 807 | 807 (F Solids, Total Dissolved | mg/L | 01/07/2021 0:00 | 87 |
| 807 | 807 (F Solids, Total Dissolved | mg/L | 05/26/2021 0:00 | 81 |
| 807 | 807 (F Solids, Total Dissolved | mg/L | 08/05/2021 0:00 | 101 |
| 807 | 807 (F Solids, Total Dissolved | mg/L | 11/18/2021 0:00 | 91 |
| | 807 (F Solids, Total Dissolved | mg/L | 03/24/2022 0:00 | 80 |
| | 807 (F Solids, Total Dissolved | mg/L | 06/22/2022 0:00 | 49 |
| | 807 (F Solids, Total Dissolved | mg/L | 09/07/2022 0:00 | 107 |
| | 807 (F Solids, Total Dissolved | mg/L | 10/20/2022 0:00 | 135 |
| | 807 (F Solids, Total Dissolved | mg/L | 03/23/2023 0:00 | 120 |
| | 807 (F Solids, Total Dissolved | mg/L | 06/27/2023 0:00 | 73 |
| | 807 (F Solids, Total Dissolved | mg/L | 08/23/2023 0:00 | 108 |
| | 807 (F Solids, Total Dissolved | mg/L | 10/10/2023 0:00 | |
| | | mg/L | 01/10/2024 0:00 | 115 |
| | 00 m / m 0 11 1 m | mg/L | 04/18/2024 0:00 | 82 97 |
| | (| mg/L | U-1 10/2024 U.UU | 87 |
| | | | | |

| well | | param | | | . — – | sample_date | res result_ | _ |
|------|-------|------------|------------------------|----|-------|-----------------|-------------|----------|
| | | | , Ammonia (NH3-N) Tota | | mg/L | 01/15/2019 0:0 | | 0.1 |
| | | | , Ammonia (NH3-N) Tota | | mg/L | 05/29/2019 0:0 | | 0.1 |
| | | | , Ammonia (NH3-N) Tota | | mg/L | 08/28/2019 0:0 | | 0.1 |
| 807 | 807 (| F Nitrogen | , Ammonia (NH3-N) Tota | al | mg/L | 11/18/2019 0:0 | | 0.1 |
| 807 | 807 (| F Nitrogen | , Ammonia (NH3-N) Tota | al | mg/L | 03/13/2020 0:0 |) < | 0.1 |
| 807 | 807 (| F Nitrogen | , Ammonia (NH3-N) Tota | al | mg/L | 06/17/2020 0:0 |) < | 0.1 |
| 807 | 807 (| F Nitrogen | , Ammonia (NH3-N) Tota | al | mg/L | 08/13/2020 0:0 |) < | 0.1 |
| 807 | 807 (| F Nitrogen | , Ammonia (NH3-N) Tota | al | mg/L | 10/28/2020 0:0 |) < | 0.1 |
| 807 | 807 (| F Nitrogen | , Ammonia (NH3-N) Tota | al | mg/L | 01/07/2021 0:0 |) < | 0.1 |
| 807 | 807 (| F Nitrogen | , Ammonia (NH3-N) Tota | al | mg/L | 05/26/2021 0:0 |) < | 0.1 |
| | , | _ | , Ammonia (NH3-N) Tota | | mg/L | 08/05/2021 0:0 |) < | 0.1 |
| | | - | , Ammonia (NH3-N) Tota | | mg/L | 11/18/2021 0:0 |) < | 0.1 |
| | | _ | , Ammonia (NH3-N) Tota | | mg/L | 03/24/2022 0:0 |) < | 0.1 |
| | , | - | , Ammonia (NH3-N) Tota | | mg/L | 06/22/2022 0:0 |) < | 0.1 |
| | | _ | , Ammonia (NH3-N) Tota | | mg/L | 09/07/2022 0:0 |) < | 0.1 |
| | | | , Ammonia (NH3-N) Tota | | mg/L | 10/20/2022 0:0 | | 0.1 |
| | | | , Ammonia (NH3-N) Tota | | mg/L | 03/23/2023 0:0 | | 0.1 |
| | | • | , Ammonia (NH3-N) Tota | | mg/L | 06/27/2023 0:0 | | 0.1 |
| | | • | , Ammonia (NH3-N) Tota | | mg/L | 08/23/2023 0:0 | | 0.1 |
| | • | • | , Ammonia (NH3-N) Tota | | mg/L | 10/10/2023 0:0 | | 0.1 |
| | | | , Ammonia (NH3-N) Tota | | mg/L | 01/10/2024 0:0 | | 0.1 |
| | | _ | , Ammonia (NH3-N) Tota | | mg/L | 04/18/2024 0:0 | | 0.1 |
| | (| J | , | | Ü | | | |
| 000 | 000 | مام ساما | Discolved | | mall | 01/15/2019 0:0 | n | 76 |
| | 808 | | Dissolved | | mg/L | 05/29/2019 0:0 | | 32 |
| | 808 | | Dissolved | | mg/L | 08/28/2019 0:0 | | 76 |
| | 808 | | Dissolved | | mg/L | | | 46 |
| | 808 | | Dissolved | | mg/L | 11/18/2019 0:0 | | 74 |
| | 808 | | Dissolved | | mg/L | 03/13/2020 0:0 | | 74 58 |
| | 808 | | Dissolved | | mg/L | 06/17/2020 0:0 | | |
| | 808 | | Dissolved | | mg/L | 08/13/2020 0:0 | | 49 |
| | 808 | | Dissolved | | mg/L | 10/28/2020 0:0 | | 64 |
| | 808 | | Dissolved | | mg/L | 01/07/2021 0:0 | | 66 |
| | 808 | | Dissolved | | mg/L | 05/26/2021 0:0 | | 58 |
| | 808 | | Dissolved | | mg/L | 08/05/2021 0:0 | | 13 |
| | 808 | | Dissolved | | mg/L | 11/18/2021 0:0 | | 59 |
| | 808 | | Dissolved | | mg/L | 03/24/2022 0:0 | | 92 |
| 808 | 808 | Chloride | Dissolved | | mg/L | 06/22/2022 0:0 | | 28 |
| 808 | 808 | Chloride | Dissolved | | mg/L | 09/07/2022 0:0 | | 68 |
| 808 | 808 | Chloride | Dissolved | | mg/L | 10/20/2022 0:0 | | 83 |
| 808 | 808 | Chloride | Dissolved | | mg/L | 03/23/2023 0:0 | | 64 |
| 808 | 808 | Chloride | Dissolved | | mg/L | 06/27/2023 0:0 | | 84 |
| 808 | 808 | Chloride | Dissolved | | mg/L | 08/23/2023 0:0 |) | 21 |
| 808 | 808 | Chloride | Dissolved | | mg/L | 10/10/2023 0:0 |) | 85 |
| | 808 | Chloride | Dissolved | | mg/L | 01/10/2024 0:0 | כ | 72 |
| | 808 | Chloride | Dissolved | | mg/L | 04/18/2024 0:0 |) | 56 |
| 000 | 000 | Chloride | DISSUIVEU | | mg/L | UT/ 10/2024 U.U | , | 50 |

| well | | param | | | | norm unit | cample data | roo rooult | |
|------|-----|-----------|-----------|----------------|-----------|-----------|----------------------------------|------------|------|
| | 808 | • | Nitrite + | Nitrate (as N) | Dissolved | mg/L | _sample_date _01/15/2019 0:00 | restresult | |
| | 808 | | | Nitrate (as N) | | mg/L | 05/29/2019 0:00 | _ | 4.5 |
| | 808 | | | Nitrate (as N) | | _ | | | 0.1 |
| | 808 | | | Nitrate (as N) | | mg/L | 08/28/2019 0:00 | | 0.1 |
| | 808 | | | Nitrate (as N) | | mg/L | 11/18/2019 0:00 | < | 0.1 |
| | 808 | - | | , , | | mg/L | 03/13/2020 0:00 | | 0.6 |
| | 808 | _ | | Nitrate (as N) | | mg/L | 06/17/2020 0:00 | | 0.1 |
| | 808 | | | Nitrate (as N) | | mg/L | 08/13/2020 0:00 | | 0.1 |
| | | | | Nitrate (as N) | | mg/L | 10/28/2020 0:00 | < | 0.1 |
| | 808 | | | Nitrate (as N) | | mg/L | 01/07/2021 0:00 | | 2.9 |
| | 808 | | | Nitrate (as N) | | mg/L | 05/26/2021 0:00 | | 1.6 |
| | 808 | | | Nitrate (as N) | | mg/L | 08/05/2021 0:00 | | 0.8 |
| | 808 | | | Nitrate (as N) | | mg/L | 11/18/2021 0:00 | | 0.9 |
| | 808 | | | Nitrate (as N) | | mg/L | 03/24/2022 0:00 | | 4.2 |
| | 808 | | | Nitrate (as N) | | mg/L | 06/22/2022 0:00 | < | 0.1 |
| | 808 | | | Nitrate (as N) | | mg/L | 09/07/2022 0:00 | | 1.6 |
| | 808 | | | Nitrate (as N) | | mg/L | 10/20/2022 0:00 | | 3.2 |
| | 808 | _ | | Nitrate (as N) | | mg/L | 03/23/2023 0:00 | | 4 |
| | 808 | | | Nitrate (as N) | | mg/L | 06/27/2023 0:00 | < | 0.05 |
| | 808 | | | Nitrate (as N) | | mg/L | 08/23/2023 0:00 | | 0.61 |
| | 808 | Nitrogen, | Nitrite + | Nitrate (as N) | Dissolved | mg/L | 10/10/2023 0:00 | | 2.14 |
| | 808 | Nitrogen, | Nitrite + | Nitrate (as N) | Dissolved | mg/L | 01/10/2024 0:00 | | 1.81 |
| 808 | 808 | Nitrogen, | Nitrite + | Nitrate (as N) | Dissolved | mg/L | 04/18/2024 0:00 | | 1.87 |
| | | | | | | | | | |
| 808 | 808 | Nitrogen | Organic | Dissolved | | mall | 04/45/2040 0:00 | | 0.7 |
| | 808 | | _ | Dissolved | | mg/L | 01/15/2019 0:00 | | 0.7 |
| | 808 | | • | | | mg/L | 05/29/2019 0:00 | | 0.5 |
| | 808 | | _ | Dissolved | | mg/L | 08/28/2019 0:00 | | 0.5 |
| 808 | | - | • | Dissolved | | mg/L | 11/18/2019 0:00 | | 0.5 |
| 808 | | | _ | Dissolved | | mg/L | 03/13/2020 0:00 | | 0.5 |
| 808 | | | | Dissolved | | mg/L | 06/17/2020 0:00 | | 0.5 |
| | | | | Dissolved | | mg/L | 08/13/2020 0:00 | | 0.5 |
| 808 | | _ | _ | Dissolved | | mg/L | 10/28/2020 0:00 | < | 0.5 |
| 808 | | - | - | Dissolved | | mg/L | 01/07/2021 0:00 | | 8.0 |
| | 808 | _ | - | Dissolved | | mg/L | 05/26/2021 0:00 | | 0.5 |
| 808 | | - | _ | Dissolved | | mg/L | 08/05/2021 0:00 | | 0.5 |
| 808 | | _ | - | Dissolved | | mg/L | 11/18/2021 0:00 | < | 0.5 |
| | 808 | - | _ | Dissolved | | mg/L | 03/24/2022 0:00 | | 0.5 |
| 808 | | _ | - | Dissolved | | mg/L | 06/22/2022 0:00 | < | 0.5 |
| 808 | | | | Dissolved | | mg/L | 09/07/2022 0:00 | < | 0.5 |
| 808 | | | | Dissolved | | mg/L | 10/20/2022 0:00 | < | 0.5 |
| 808 | | | | Dissolved | | mg/L | 03/23/2023 0:00 | < | 0.5 |
| 808 | | | | Dissolved | | mg/L | 06/27/2023 0:00 | < | 0.5 |
| 808 | | | | Dissolved | | mg/L | 08/23/2023 0:00 | < | 0.5 |
| 808 | | Nitrogen, | Organic | Dissolved | | mg/L | 10/10/2023 0:00 | < | 0.5 |
| 808 | | Nitrogen, | Organic | Dissolved | | mg/L | 01/10/2024 0:00 | < | 0.5 |
| 808 | 808 | Nitrogen, | Organic | Dissolved | | mg/L | 04/18/2024 0:00 | | 0.5 |
| | | | | | | | | | |

| well | naram | norm unit | cample date | res⊦result_amt |
|---------|-------------------------|-----------|------------------------------------|----------------|
| well | param | • | sample_date 01/15/2019 0:00 | 6.7 |
| 808 808 | pH Field | su | | 6.67 |
| 808 808 | pH Field | su | 05/29/2019 0:00 | 6.98 |
| 808 808 | pH Field | su | 08/28/2019 0:00 | |
| 808 808 | pH Field | su | 11/18/2019 0:00 | 7.05 |
| 808 808 | pH Field | su | 03/13/2020 0:00 | 6.85 |
| 808 808 | pH Field | su | 06/17/2020 0:00 | 6.82 |
| 808 808 | pH Field | su | 08/13/2020 0:00 | 6.75 |
| 808 808 | pH Field | su | 10/28/2020 0:00 | 6.7 |
| 808 808 | pH Field | su | 01/07/2021 0:00 | 6.88 |
| 808 808 | pH Field | su | 05/26/2021 0:00 | 6.81 |
| 808 808 | pH Field | su | 08/05/2021 0:00 | 6.87 |
| 808 808 | pH Field | su | 11/18/2021 0:00 | 6.68 |
| 808 808 | pH Field | su | 03/24/2022 0:00 | 7.04 |
| 808 808 | pH Field | su | 06/22/2022 0:00 | 6.83 |
| 808 808 | pH Field | su | 09/07/2022 0:00 | 6.61 |
| 808 808 | pH Field | su | 10/20/2022 0:00 | 6.54 |
| 808 808 | pH Field | su | 03/23/2023 0:00 | 6.74 |
| 808 808 | pH Field | su | 06/27/2023 0:00 | 6.5 |
| 808 808 | pH Field | su | 08/23/2023 0:00 | 6.61 |
| 808 808 | pH Field | su | 10/10/2023 0:00 | 6.64 |
| 808 808 | pH Field | su | 01/10/2024 0:00 | 6.76 |
| 808 808 | pH Field | su | 04/18/2024 0:00 | 6.83 |
| 000 000 | | | | |
| | | | | |
| 808 808 | Solids, Total Dissolved | mg/L | 01/15/2019 0:00 | 293 |
| 808 808 | Solids, Total Dissolved | mg/L | 05/29/2019 0:00 | 151 |
| 808 808 | Solids, Total Dissolved | mg/L | 08/28/2019 0:00 | 309 |
| 808 808 | Solids, Total Dissolved | mg/L | 11/18/2019 0:00 | 278 |
| 808 808 | Solids, Total Dissolved | mg/L | 03/13/2020 0:00 | 313 |
| 808 808 | Solids, Total Dissolved | mg/L | 06/17/2020 0:00 | 264 |
| 808 808 | Solids, Total Dissolved | mg/L | 08/13/2020 0:00 | 230 |
| 808 808 | Solids, Total Dissolved | mg/L | 10/28/2020 0:00 | 280 |
| 808 808 | Solids, Total Dissolved | mg/L | 01/07/2021 0:00 | 360 |
| 808 808 | Solids, Total Dissolved | mg/L | 05/26/2021 0:00 | 231 |
| 808 808 | Solids, Total Dissolved | mg/L | 08/05/2021 0:00 | 243 |
| 808 808 | Solids, Total Dissolved | mg/L | 11/18/2021 0:00 | 268 |
| 808 808 | Solids, Total Dissolved | mg/L | 03/24/2022 0:00 | 305 |
| 808 808 | Solids, Total Dissolved | mg/L | 06/22/2022 0:00 | 165 |
| | • | | 09/07/2022 0:00 | 288 |
| 808 808 | Solids, Total Dissolved | mg/L | | 379 |
| 808 808 | Solids, Total Dissolved | mg/L | 10/20/2022 0:00 03/23/2023 0:00 | 250 |
| 808 808 | Solids, Total Dissolved | mg/L | | |
| 808 808 | Solids, Total Dissolved | mg/L | 06/27/2023 0:00 | 295 |
| 808 808 | Solids, Total Dissolved | mg/L | 08/23/2023 0:00 | 108 |
| 808 808 | Solids, Total Dissolved | mg/L | 10/10/2023 0:00 | 349 |
| 808 808 | Solids, Total Dissolved | mg/L | 01/10/2024 0:00 | 275 |
| 808 808 | Solids, Total Dissolved | mg/L | 04/18/2024 0:00 | 279 |
| | | | | |

| well | | param | parm_unit_ | sample_date | resiresult_a | amt |
|------|-----|---------------------------------|------------|-----------------|--------------|-----|
| 808 | 308 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/15/2019 0:00 | | 0.1 |
| 808 | 308 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/29/2019 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/28/2019 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2019 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/13/2020 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/17/2020 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/13/2020 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/28/2020 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/07/2021 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 05/26/2021 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/05/2021 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 11/18/2021 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/24/2022 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/22/2022 0:00 | | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 09/07/2022 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/20/2022 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 03/23/2023 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 06/27/2023 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 08/23/2023 0:00 | < | 0.1 |
| | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 10/10/2023 0:00 | < | 0.1 |
| 808 | | Nitrogen, Ammonia (NH3-N) Total | mg/L | 01/10/2024 0:00 | < | 0.1 |
| 808 | 308 | Nitrogen, Ammonia (NH3-N) Total | mg/L | 04/18/2024 0:00 | < | 0.1 |