pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southeast Regional Office
CLEAN WATER PROGRAM

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application Type	**DEP-Initiated Major Amendment**	Application No.	**PA0021890 A-2**
Facility Type	**Municipal**	APS ID	**1103938**
Major / Minor	**Major**	Authorization ID	**1467663**

Applicant and Facility Information

Applicant Name	**New Holland Borough Water Authority**	Facility Name	**New Holland WWTP**
Applicant Address	436 E Main Street	Facility Address	555 S Custer Avenue
	New Holland, PA 17557-1404		New Holland, PA 17557
Applicant Contact	Tina Myers	Facility Contact	Tina Myers
Applicant Phone	(717) 354-2345	Facility Phone	(717) 354-2345
Client ID	39404	Site ID	445355
Ch 94 Load Status	Existing Hydraulic Overload	Municipality	Earl Township
Connection Status	Self Imposed Connection Prohibition	County	Lancaster
Date Application Received	January 9, 2024	EPA Waived?	No
Date Application Accepted	January 9, 2024	If No, Reason	Major Facility, Significant CB Discharge

Purpose of Application: NPDES Amendment for TRC Limits.

Summary of Review

New Holland's most recent NPDES permit was issued on April 1, 2021, and expires on March 31, 2026. The permit contained a new limit for Free Cyanide, and a more stringent limit for Total Residual Chlorine. The permit had an interim compliance date of April 1, 2024. New Holland completed a site-specific study to evaluate chlorine demand, and completed a Toxics Reduction Evaluation to investigate the sources of free cyanide. The results of these studies are attached to the end of this fact sheet. This permit amendment revises the TRC limit based on the results of the site-specific study.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Approve	Deny	Signatures	Date
X		Benjamin R. Lockwood Benjamin R. Lockwood / Environmental Engineering Specialist	January 10, 2024
X		Maria D. Bebenek for Daniel W. Martin, P.E. / Environmental Engineer Manager	January 26, 2024

Development of Effluent Limitations

Outfall No.	001	**Design Flow (MGD)**	1.34
Latitude	40º 4' 57"	**Longitude**	76º 4' 55"

Wastewater Description: Sewage Effluent

Water Quality-Based Limitations

Total Residual Chlorine

The attached computer printout utilizes the equations and calculations as presented in the Department's May 1, 2003 Implementation Guidance for Total Residual Chlorine (TRC) (ID No. 391-2000-015) for developing chlorine limitations. The Guidance references Chapter 92, Section 92.2d (3) which establishes a standard BAT limit of 0.5 mg/l unless a facility-specific BAT has been developed. New Holland Borough Authority conducted site-specific chlorine demand studies on the treatment plant effluent and receiving stream. The chlorine demand of the stream and discharge from this study were input into the TRC spreadsheet. The spreadsheet indicated that a water quality limit of 0.40 mg/l average monthly and 1.28 instantaneous maximum would be needed to prevent toxicity concerns. As a result, the TRC limit will be changed to 0.40 mg/l monthly average and 1.28 mg/l instantaneous maximum. These new limits will go into effect on the date included in the existing permit; April 1, 2024. No other changes will be made to the permit.

Free Cyanide

New Holland's TRE report showed that they would be capable of complying with the final Free Cyanide limitations. Therefore, no changes will be made to the limit for Free Cyanide. New Holland investigated the sources of Free Cyanide, and identified an industry with higher than expected levels, which is trying to isolate and eliminate the source, if possible.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (386-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: April 1, 2024 through March 31, 2026.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.40	XXX	1.28	1/day	Grab
CBOD5	223	335	XXX	20	30	40	2/week	24-Hr Composite
BOD5 Raw Sewage Influent	Report	Report	XXX	Report	XXX	XXX	2/week	24-Hr Composite
TSS	335	503	XXX	30	45	60	2/week	24-Hr Composite
TSS Raw Sewage Influent	Report	Report	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Total Dissolved Solids	Report	XXX	XXX	Report	Report	XXX	2/week	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/week	Grab
Ammonia Nov 1 - Apr 30	60	XXX	XXX	5.4	XXX	10.8	2/week	24-Hr Composite
Ammonia May 1 - Oct 31	20	XXX	XXX	1.8	XXX	3.6	2/week	24-Hr Composite

Outfall 001, Continued (from April 1, 2024 through March 31, 2026)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Total Phosphorus	22	XXX	XXX	2.0	XXX	4.0	2/week	24-Hr Composite
Free Cyanide	0.078	0.12	XXX	0.007	0.011	0.019	2/week	24-Hr Composite
Sulfate	Report	XXX	XXX	Report	Report	XXX	2/week	24-Hr Composite
Chloride	Report	XXX	XXX	Report	Report	XXX	2/week	24-Hr Composite
Bromide	Report	XXX	XXX	Report	Report	XXX	2/week	24-Hr Composite

Compliance Sampling Location: At discharge from facility

Other Comments: None

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (386-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: April 1, 2021 through March 31, 2024.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/day	Grab
DO	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	1/day	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.1	1/day	Grab
CBOD5	223	335	XXX	20	30	40	2/week	24-Hr Composite
BOD5 Raw Sewage Influent	Report	Report	XXX	Report	XXX	XXX	2/week	24-Hr Composite
TSS	335	503	XXX	30	45	60	2/week	24-Hr Composite
TSS Raw Sewage Influent	Report	Report	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Total Dissolved Solids	Report	XXX	XXX	Report	Report	XXX	2/week	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	2/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	2/week	Grab
Ammonia Nov 1 - Apr 30	60	XXX	XXX	5.4	XXX	10.8	2/week	24-Hr Composite
Ammonia May 1 - Oct 31	20	XXX	XXX	1.8	XXX	3.6	2/week	24-Hr Composite

Outfall 001, Continued (from April 1, 2021 through March 31, 2024)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Total Phosphorus	22	XXX	XXX	2.0	XXX	4.0	2/week	24-Hr Composite
Free Cyanide	Report	Report	XXX	Report	Report	XXX	2/week	24-Hr Composite
Sulfate	Report	XXX	XXX	Report	Report	XXX	2/week	24-Hr Composite
Chloride	Report	XXX	XXX	Report	Report	XXX	2/week	24-Hr Composite
Bromide	Report	XXX	XXX	Report	Report	XXX	2/week	24-Hr Composite

Compliance Sampling Location: At discharge from facility

Other Comments: None

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, to comply with Pennsylvania's Chesapeake Bay Tributary Strategy.

Outfall 001, Effective Period: April 1, 2021 through March 31, 2026.

Parameter	Effluent Limitations					Monitoring Requirements	
	Mass Units (lbs)		Concentrations (mg/L)			Minimum Measurement Frequency	Required Sample Type
	Monthly	Annual	Minimum	Monthly Average	Maximum		
Ammonia-N	Report	Report	XXX	Report	XXX	2/week	24-Hr Composite
Kjeldahl-N	Report	XXX	XXX	Report	XXX	2/week	24-Hr Composite
Nitrate-Nitrite as N	Report	XXX	XXX	Report	XXX	2/week	24-Hr Composite
Total Nitrogen	Report	Report	XXX	Report	XXX	1/month	Calculation
Total Phosphorus	Report	Report	XXX	Report	XXX	2/week	24-Hr Composite
Net Total Nitrogen	XXX	24,475	XXX	XXX	XXX	1/year	Calculation
Net Total Phosphorus	XXX	3,263	XXX	XXX	XXX	1/year	Calculation

Compliance Sampling Location: At discharge from facility

Other Comments: None

Tools and References Used to Develop Permit	
☐	WQM for Windows Model (see Attachment)
☐	Toxics Management Spreadsheet (see Attachment)
☒	TRC Model Spreadsheet (see Attachment)
☐	Temperature Model Spreadsheet (see Attachment)
☐	Water Quality Toxics Management Strategy, 361-0100-003, 4/06.
☐	Technical Guidance for the Development and Specification of Effluent Limitations, 386-0400-001, 10/97.
☐	Policy for Permitting Surface Water Diversions, 386-2000-019, 3/98.
☐	Policy for Conducting Technical Reviews of Minor NPDES Renewal Applications, 386-2000-018, 11/96.
☐	Technology-Based Control Requirements for Water Treatment Plant Wastes, 386-2183-001, 10/97.
☐	Technical Guidance for Development of NPDES Permit Requirements Steam Electric Industry, 386-2183-002, 12/97.
☐	Pennsylvania CSO Policy, 386-2000-002, 9/08.
☐	Water Quality Antidegradation Implementation Guidance, 391-0300-002, 11/03.
☐	Implementation Guidance Evaluation & Process Thermal Discharge (316(a)) Federal Water Pollution Act, 386-2000-008, 4/97.
☐	Determining Water Quality-Based Effluent Limits, 386-2000-004, 12/97.
☐	Implementation Guidance Design Conditions, 386-2000-007, 9/97.
☐	Technical Reference Guide (TRG) WQM 7.0 for Windows, Wasteload Allocation Program for Dissolved Oxygen and Ammonia Nitrogen, Version 1.0, 386-2000-016, 6/2004.
☐	Interim Method for the Sampling and Analysis of Osmotic Pressure on Streams, Brines, and Industrial Discharges, 386-2000-012, 10/1997.
☐	Implementation Guidance for Section 95.6 Management of Point Source Phosphorus Discharges to Lakes, Ponds, and Impoundments, 386-2000-009, 3/99.
☐	Technical Reference Guide (TRG) PENTOXSD for Windows, PA Single Discharge Wasteload Allocation Program for Toxics, Version 2.0, 386-2000-015, 5/2004.
☐	Implementation Guidance for Section 93.7 Ammonia Criteria, 386-2000-022, 11/97.
☐	Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales, and Storm Sewers, 386-2000-013, 4/2008.
☐	Implementation Guidance Total Residual Chlorine (TRC) Regulation, 386-2000-011, 11/1994.
☐	Implementation Guidance for Temperature Criteria, 386-2000-001, 4/09.
☐	Implementation Guidance for Section 95.9 Phosphorus Discharges to Free Flowing Streams, 386-2000-021, 10/97.
☐	Implementation Guidance for Application of Section 93.5(e) for Potable Water Supply Protection Total Dissolved Solids, Nitrite-Nitrate, Non-Priority Pollutant Phenolics and Fluorides, 386-2000-020, 10/97.
☐	Field Data Collection and Evaluation Protocol for Determining Stream and Point Source Discharge Design Hardness, 386-2000-005, 3/99.
☐	Implementation Guidance for the Determination and Use of Background/Ambient Water Quality in the Determination of Wasteload Allocations and NPDES Effluent Limitations for Toxic Substances, 386-2000-010, 3/1999.
☐	Design Stream Flows, 386-2000-003, 9/98.
☐	Field Data Collection and Evaluation Protocol for Deriving Daily and Hourly Discharge Coefficients of Variation (CV) and Other Discharge Characteristics, 386-2000-006, 10/98.
☐	Evaluations of Phosphorus Discharges to Lakes, Ponds and Impoundments, 386-3200-001, 6/97.
☐	Pennsylvania's Chesapeake Bay Tributary Strategy Implementation Plan for NPDES Permitting, 4/07.
☐	SOP:
☐	Other:

CHARLES F. KIDHARDT
President of Council

J. RICHARD FULCHER
Manager/Secretary

WILBUR G. HORNING
Mayor

BOROUGH OF NEW HOLLAND
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In the Heart of the
Garden Spot of the World
~ Lancaster County ~

436 EAST MAIN STREET
NEW HOLLAND, PA 17557
Telephone: (717) 354-4567
Fax: (717) 354-2979

September 28, 2022

Maria C. Bebenek , P.E.
Environmental Program Manager
Southcentral Regional Office
Pennsylvania Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110

Re: NPDES Permit PA0021890

Dear Ms. Bebenek:

I am writing to inform you that the New Holland Borough Water Authority has completed the site-specific studies to evaluate the chlorine demand concentrations used to determine the wastewater treatment plant effluent limit for Total Residual Chlorine. Results of the study are attached.

The Authority has also completed the required Toxics Reduction Evaluation (TRE) to investigate the source(s) of free available cyanide in the treatment plant effluent. The results of the evaluation are attached.

If you have any questions or need more information, please call the wastewater treatment plant at (717) 354-2345.

Sincerely,

Tina M. Myers

Wastewater Department Supervisor

FINAL WQBEL COMPLIANCE REPORT FOR FREE CYANIDE

The site-specific collection of free cyanide data has been completed as part of the Toxics Reduction Evaluation (TRE) and shows compliance with the final WQBEL of 0.007 mg/l monthly average, as well as the maximum daily concentration of 0.011 mg/l and the IMAX of 0.019 mg/l. Test results for the past twelve months are included as Appendix One. Although the data shows compliance, possible sources of free cyanide were investigated. Free Cyanide testing was added to the permits of both SIUs. One of the two industries showed higher than expected levels and is currently investigating and trying to isolate and eliminate, if possible, any sources.

Total Residual Chlorine Study
Final Report

The NPDES permit #PA0021890 issued to the New Holland Borough Authority that became effective April 1, 2021 contains a total residual chlorine limit of 0.07 mg/l. The borough elected to conduct site-specific chlorine demand studies on the treatment plant effluent and the receiving stream. The study was performed in accordance with DEP's guidance *"Implementation Guidance Total Residual Chlorine (TRC) Regulation"* (DEP ID 391-2000-015), Appendix B. Data sheets from all testing are attached as Appendix 1. Samples were collected from both the treatment plant effluent and the stream once every two weeks for one year beginning in July 2021. The data are summarized on *Data Sheet 1.2.2, Summary of Chlorine Demand Data*, provided by DEP and attached as Appendix 2. Inserting the average values generated by the study, $X_s = 0.47$ and $X_d = 0.60$ into the TRC Evaluation spread sheet returns an average monthly limit of 0.396 mg/l, attached as Appendix 3. This limit would allow the treatment plant to remain in compliance with the current fecal coliform limit of 200/100 ml for the summer months and 2000/100 ml in the winter months using the existing flow paced gas chlorine system.

APPENDIX ONE

APPENDIX TWO

APPENDIX THREE

DATA SHEET 1.2.2
SUMMARY OF CHLORINE DEMAND DATA

Name of Discharger: New Holland Borough WWTP NPDES Permit No: PA0021890

Q_s = Stream flow during sampling (N-normal, H-high, L-low)
Q_d = Discharge flow during sampling (MGD)

X_s = Chlorine demand of the stream (mg/l) pH = pH of the stream (standard units)
X_d = Chlorine demand of the discharge (mg/l) Temp = Temperature of the stream (^oC)

Bi-weekly Sample	Date	Qs	Qd	Xs	Xd	pH	Temp	Comments
1	7/23/2021	N	0.81	0.55	0.8	8.79	23	
2	8/5/2021	L	1.0	0.535	0.705	8.81	25	
3	8/17/2021	N	0.9	0.64	0.82	8.61	25.5	
4	8/31/2021	N	1.1	0.555	0.85	8.65	22.5	
5	9/14/2021	N	1.2	0.565	0.78	8.76	24	
6	9/28/2021	N	1.2	0.51	0.445	8.35	18	
7	10/13/2021	N	1.1	0.49	0.76	8.47	18	
8	10/27/2021	H	1.0	0.705	0.685	8.43	17	
9	11/9/2021	N	1.2	0.425	0.725	8.48	10	
10	11/23/2021	N	1	0.5	0.685	8.81	7	
11	12/8/2021	N	0.8	0.33	0.57	8.81	7	
12	12/21/2021	N	1	0.31	0.655	8.66	5	
13	1/4/2022	N	1.1	0.375	0.415	8.37	4.5	
14	1/19/2022	N	0.8	0.395	0.49	8.32	5.5	
15	2/2/2022	N	1.1	0.34	0.61	8.51	6	
16	2/16/2022	H	0.8	0.455	0.64	8.45	6	
17	3/1/2022	N	1.1	0.33	0.0.59	8.59	8	
18	3/15/2022	N	1.3	0.45	0.57	8.43	11	
19	3/29/2022	N	1.0	0.31	0.61	8.51	7	
20	4/13/2022	H	1.1	0.56	0.51	8.38	7	
21	4/28/2022	N	0.9	0.365	0.455	8.59	12.5	
22	5/12/2022	N	1.1	0.56	0.48	8.57	18.5	
23	5/25/2022	N	1.1	0.54	0.45	8.73	19	
24	6/8/2022	N	1	0.57	0.525	8.7	20.5	
25	6/22/2022	N	1.1	0.45	0.35	8.97	23	
26	7/6/2022	N	0.9	0.515	0.41	8.67	23.5	

Cyanide Test Results

Permit limits: avg mo = 0.007 mg/l
max wkly avg = 0.011 mg/l
avg mo lbs/d = 0.078 lbs/d
max wkly avg lbs/d = 0.12 lbs/d
IMAX = 0.019 mg/l

Pe

Date	mg/l	lbs/d
9/1/2021	< 0.005	< 0.074
9/7/2021	0.007	0.047
9/8/2021	< 0.005	< 0.041
9/14/2021	< 0.005	< 0.033
9/15/2021	< 0.005	< 0.037
9/21/2021	0.005	0.034
9/22/2021	0.005	0.036
9/28/2021	< 0.005	< 0.034
9/29/2021	< 0.005	< 0.031
mo avg	< 0.005	< 0.041
max wkly	< 0.006	< 0.082
10/5/2021	< 0.005	< 0.036
10/6/2021	< 0.005	< 0.035
10/12/2021	0.005	0.033
10/13/2021	< 0.005	< 0.032
10/19/2021	0.006	0.038
10/20/2021	< 0.005	< 0.032
10/26/2021	< 0.005	< 0.036
10/27/2021	< 0.005	< 0.033
mo avg	< 0.005	< 0.034
max wkly	< 0.006	< 0.035
11/2/2021	< 0.005	< 0.028
11/3/2021	< 0.005	< 0.029
11/9/2021	< 0.005	< 0.034
11/10/2021	< 0.005	< 0.036
11/16/2021	< 0.005	< 0.032
11/17/2021	< 0.005	< 0.034
11/22/2021	0.007	0.042
11/23/2021	< 0.005	< 0.031
11/29/2021	< 0.005	< 0.030
11/30/2021	< 0.005	< 0.032
mo avg	< 0.005	< 0.033
max wkly	< 0.006	< 0.042

Date	mg/l	lbs/d
12/7/2021	0.010	0.061
12/8/2021	0.013	0.081
12/14/2021	0.007	0.046
12/15/2021	0.005	0.035
12/21/2021	< 0.005	< 0.038
12/22/2021	< 0.005	< 0.031
12/28/2021	< 0.005	< 0.033
12/29/2021	< 0.005	< 0.033
mo avg	< 0.007	< 0.045
max wkly	0.012	0.071
1/4/22	0.006	0.037
1/5/22	0.007	0.044
1/11/22	0.011	0.069
1/12/22	< 0.005	< 0.032
1/18/22	< 0.005	< 0.022
1/19/22	0.008	0.036
1/25/22	0.008	0.051
1/26/22	0.009	0.057
mo avg	< 0.007	< 0.044
max wkly	0.009	0.054
2/1/22	0.006	0.040
2/2/22	0.011	0.077
2/8/22	< 0.005	< 0.033
2/9/22	< 0.005	< 0.034
2/15/22	0.005	0.025
2/16/22	< 0.005	< 0.028
2/22/22	< 0.005	< 0.036
2/23/22	0.009	0.058
mo avg	< 0.006	< 0.041
max wkly	0.009	0.059

Date
3/1/22
3/2/22
3/8/22
3/9/22
3/15/22
3/16/22
3/22/22
3/23/22
3/29/22
3/30/22
mo avg
max wkly
4/5/22
4/6/22
4/12/22
4/13/22
4/19/22
4/20/22
4/26/22
4/27/22
mo avg
max wkly
5/3/2022
5/4/2022
5/10/2022
5/11/2022
5/16/2022
5/17/2022
5/25/2022
5/26/2022
5/31/2022
mo avg
max wkly

Cyanide Test Results

rmit limits: avg mo = 0.007 mg/l
max wkly avg = 0.011 mg/l
avg mo lbs/d = 0.078 lbs/d
max wkly avg lbs/d = 0.12 lbs/d
IMAX = 0.019 mg/l

mg/l	lbs/d
< 0.005	< 0.034
< 0.005	< 0.033
0.005	0.028
< 0.005	< 0.037
0.007	0.048
0.006	0.040
0.008	0.054
0.012	0.084
0.011	0.071
0.009	0.063
< 0.007	< 0.049
0.010	0.069
< 0.005	< 0.038
< 0.005	< 0.039
0.005	0.037
< 0.005	< 0.040
0.005	0.040
< 0.005	< 0.038
< 0.005	< 0.036
< 0.005	< 0.036
< 0.005	< 0.038
< 0.005	< 0.039
0.005	0.038
0.010	0.079
< 0.005	< 0.039
< 0.005	< 0.038
< 0.005	< 0.038
0.011	0.084
< 0.005	< 0.03
< 0.005	< 0.033
0.007	0.045
< 0.006	< 0.047
< 0.008	< 0.061

Date	mg/l	lbs/d
6/1/2022	0.008	0.056
6/7/2022	0.006	0.04
6/8/2022	< 0.005	< 0.034
6/14/2022	0.006	0.040
6/15/2022	< 0.0005	< 0.003
6/21/2022	< 0.0005	< 0.003
6/22/2022	0.004	0.029
6/28/2022	0.004	0.024
6/29/2022	0.009	0.057
mo avg	< 0.005	< 0.032
max wkly	0.008	0.051
7/5/2022	< 0.0005	< 0.0028
7/6/2022	< 0.0005	< 0.0026
7/12/2022	0.006	0.0367
7/13/2022	0.005	0.0325
7/19/2022	< 0.0005	< 0.003
7/20/2022	< 0.0005	< 0.0031
7/26/2022	0.002	0.0126
7/27/2022	< 0.0005	< 0.0037
mo avg	< 0.0019	< 0.0121
max wkly	0.0055	0.035
8/2/2022	0.002	0.013
8/3/2022	0.006	0.038
8/9/2022	0.002	0.016
8/10/2022	< 0.0005	< 0.003
8/16/2022	0.002	0.013
8/17/2022	0.001	0.006
8/23/2022	< 0.0005	< 0.003
8/24/2022	0.001	0.006
8/30/2022	0.001	0.007
8/31/2022	0.003	0.019
mo avg	< 0.0019	< 0.012
max wkly	0.0040	0.026

In July began reported using MDL of 0.0005
RL is still 0.005