UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO ATTENTION OF
ECW-15J

VIA ELECTRONIC MAIL
Billy Spencer, Mayor
Village of Piketon
411 West Street
Piketon, Ohio 45661
PiketonMayor@yahoo.com

Re: Inspection of Village of Piketon Wastewater Treatment Plant in Piketon, Ohio

Dear Mayor Spencer:

Please find enclosed the report generated as a result of the inspection conducted by the U.S. Environmental Protection Agency on April 12, 2022, at Piketon Wastewater Treatment Plant (facility), located at 626 Piketon Road, Piketon, Ohio. The purpose of the inspection was to evaluate and document compliance of this facility with the requirements of the Clean Water Act. During the inspection, EPA noted some potential areas of concern. Specifically, see the discussions on pages 7 and 8 of the included report. Please provide a written response to these areas of concern within 30 days of receipt of this letter. In your response, include a description of actions initiated to correct the noted areas of concern, including documentation of those actions.

If you have any questions or concerns regarding this letter or report, please contact Andi Hodaj of my staff at (312) 353-4645 or, via email at hodaj.andi@epa.gov.

Sincerely,

MOLLY SMITH
Digitally signed by MOLLY SMITH
Date: 2022.05.14 16:47:09 -05'00'

Molly Smith, Chief
Section 1
Water Enforcement and Compliance Assurance Branch

Enclosure

Cc (via email): Ronda Clemmons, Village of Piketon
Marco Deshaies, Ohio EPA

INSPECTION REPORT

Inspection Date(s):	04/12/2022 - 04/12/2022	Announced: No
Time:	Entry: 08:30 AM (ET)	Exit: 12:30 PM (ET)
Media:	Water	
Statute(s)/Program(s):	Clean Water Act, National Pollutant Discharge Elimination System, Wastewater Treatment Plant (WWTP)	
Type of inspection:	CEI - Compliance Evaluation Inspection	
Access:	Granted	
Permittee Name:	Village of Piketon	
Facility or Site Name:	Piketon WWTP	
Facility/Site Physical Address:	626 Piketon Road	
(City, state, zip code)	Piketon , Ohio 45661	
Facility GPS Coordinates:	39.059806, -83.035982	
Facility/Site Identifier:	Piketon	
Permit Number:	OH0027031	
SIC or NAICS:	4952	

Persons Participating in Inspection:

Title	Name	Phone	Email	Present at Opening Conf.	Present at Closing Conf.
Lead Inspector, EPA	Andi Hodaj	3123534645	hodaj.andi@epa.gov	Yes	Yes
Inspector, EPA	Jessica Stromsdorfer	3128863164	stromsdorfer.jessica@epa.gov	Yes	Yes
WWTP Operator	Ronda Clemmons	(740) 970-1508	adminrc@midohio.twcbc.com	Yes	Yes
Labor	Heath Mapes			Yes	Yes

Lead Inspector:

Andi Hodaj	ANDI HODAJ Digitally signed by ANDI HODAJ Date: 2022.05.14 17:10:25 -05'00'		
	REGION 5	hodaj.andi@epa.gov	(312) 353-4645

Supervisor Review:

Molly Smith	MOLLY SMITH Digitally signed by MOLLY SMITH Date: 2022.05.14 16:48:23 -05'00'		
	REGION 5	smith.molly@epa.gov	(312) 353-8773

SECTION I – INTRODUCTION

Site Entry and Inspection Objectives

Region 5 lead inspector, Andi Hodaj, arrived at the Piketon Wastewater Treatment Plant (WWTP) (the "Site" or "Facility"), located at 626 Piketon Road, at 08:30 AM (ET) on 04/12/2022 for an unannounced inspection. Region 5 lead inspector presented his credentials to Ronda Clemmons and informed her that this was a Region 5 inspection to determine compliance with the Clean Water Act (CWA) and the National Pollutant Discharge Elimination System (NPDES) permit program. The inspection was conducted under the authority of Region 5 NPDES permit program, under the authority of the Federal CWA of Section 308. The table above identifies the attendees that participated in the inspection. This report is based on information supplied by Piketon WWTP representatives, observations made by the Region 5 inspectors, and records and reports maintained by the permittee and the Region 5 including: direct observations made by the Region 5 Inspectors, photographs taken by Region 5 inspectors, physical evidence collected by the Region 5 inspectors, measurements taken by Region 5 inspectors, verbal or written statements made by information supplied by Piketon WWTP representatives (the permittee) during or subsequent to the on-site inspection, and materials, processes, data, photographs, or documents shown, demonstrated, or submitted to the Region 5 inspectors by Piketon WWTP representatives during or subsequent to the on - site inspection. In addition, information gathered prior to or subsequent to the inspection from a review of USEPA, State, and public records may be included in this report.

Facility/Site Description

Region 5 lead inspector confirmed the following facility information:

The Piketon WWTP is publicly owned by the Village of Piketon, Ohio. It has a design flow of 0.5 MGD and serves approximately 2,100 residents connected to a sanitary-only collection system. No industrial users discharge into WWTP, but the facility accepts hauled leachate from a landfill. The WWTP consists of a bar screen, pump house, two primary clarifiers, two trickling filter aeration basins, two secondary clarifiers, an anaerobic digester, four sludge drying beds and a disinfection system consisting of a peracetic acid (PAA) tank and pump. PAA is typically added from May to October of each year. The Piketon WWTP discharges into Scioto River via outfall 001.

Facility/Site Information

Responsible official	Ronda Clemmons
WWTP Design Capacity & Average Daily Flow	0.5 MGD Design Flow 0.325 MGD Average Flow
WWTP Approx. # of residents served	2,100
Contributing (or shared) Jurisdictions	Village of Piketon, Ohio
Outfalls: (and do the numbers, locations, and receiving waters match the permit?)	1
Operation schedule (days of operation, #	One operator and two additional staff. Main hours the facility is staffed: Monday - Friday 7:30am - 4pm, and weekends with one staff for a couple hours.

shifts/day, # operators/shift, coverage overnight, weekends & emergencies), and is staffing sufficient for proper operation?	
Do you use in-house or contract out for laboratory analyses? (including for metals or WET testing?)	In-house and contract lab. Masi Environmental Labs in Dublin, Ohio is the contract lab used.
Do you accept waste from septage haulers? If so, what problems have you experienced?	Yes, leachate from a municipal landfill operated by Rumpke Waste & Recycling.
Is there currently any portion of the treatment train that is non-operational?	Yes, the bar rake was out of service.
Are there any plans for renovation or additional equipment to allow for increased wastewater flow?	Yes, there are plans to construct a new WWTP.

Units

Unit	Description
Discharge channel	The discharge is located just south of the two secondary clarifiers. PAA is added to the secondary channel for disinfection during the months of May through October. Sample for outfall 001 is also taken in the discharge channel.
Influent/Bar Screen	The influent channel is located at the northeast corner of the plant. The bar screen is located next to the inflow channel. It is a filter system designed to remove objects such as rags and wipes from wastewater and protect pumps from clogging. It is the first level of filtration used by the WWTP.
Main building	Located southwest of the influent channel and houses pumps that distribute inflow to the wastewater treatment plant. Sampling of the influent is also performed in this building.
Outfall 001	Outfall 001 is located on the east bank of the Scioto River, approximately 800 feet from the discharge channel.
Primary treatment system	The primary treatment system consists of pumps housed in the primary building and two primary clarifiers.
Secondary treatment	The secondary treatment consists of two trickling filters aeration basins, pumps located in the secondary building and two secondary clarifiers.

Digester and sludge drying beds	Facility operates an anaerobic digester with holding capacity of 116,500 gallons. Sludge is pumped out of the digester once per year and stored in four drying beds. Dry sludge is hauled from the drying beds by Rumpke Waste & Recycling.

SECTION II – OBSERVATIONS

Observations may not be in sequential order.

Unit: Discharge channel	**Contains CBI:** No
Observation #: AH2-OB-008	**Date:** 04/12/2022

EPA observed the discharge channel with an autosampler, depth measuring device and a tank of PAA next to it. The thermometer in the autosampler's refrigerator read 5 degrees Celsius at the time of the inspection. EPA observed flow in the discharge channel.

Photos

1. RIMG2534.JPG
2. RIMG2536.JPG
3. RIMG2537.JPG
4. RIMG2535.JPG

Unit: Influent/Bar Screen	**Contains CBI:** No
Observation #: AH2-OB-003	**Date:** 04/12/2022

EPA observed two Peracetic Acid totes with no secondary containment next to and south of the bar screen. Facility representatives stated that the Peracetic Acid is used for disinfection at the discharge channel and that approximately three and half totes of Peracetic Acid are used between May and October of each year.

Photo

1. RIMG2521.JPG

Unit: Influent/Bar Screen	**Contains CBI:** No
Observation #: AH2-OB-002	**Date:** 04/12/2022

EPA observed the bar screen located next to the influent channel. The bar screen was not working at the time of the inspection. According to facility representatives, the bar screen had not been working for the last three days. Facility representatives stated that repairs are performed by staff usually.

Photos

1. RIMG2520.JPG
2. RIMG2519.JPG

Unit: Influent/Bar Screen	**Contains CBI:** No
Observation #: AH2-OB-001	**Date:** 04/12/2022

EPA observed the influent channel at the northeast corner of the property.

Photo

1. RIMG2518.JPG

Unit: Main building	**Contains CBI:** No
Observation #: AH2-OB-004	**Date:** 04/12/2022

EPA observed an autosampler with a refrigerator in the Main Building that according to facility representatives, is used to take influent samples after the influent has gone through the bar screen. The thermometer in the autosampler's refrigerator read 40 degrees Fahrenheit at the time of the inspection. Flow-proportional samples of the influent are taken during a 24 hour period every Wednesday. The composite sample is then split and part of it goes to the Masi Environmental Labs in Dublin, Ohio for analyzing for the required parameters per the NPDES permit. The facility conducts its own analysis for Total Suspended Solids (TSS) and measures pH, Dissolved Oxygen and temperature from the samples.

Photos

1. RIMG2523.JPG
2. RIMG2524.JPG
3. RIMG2522.JPG
4. RIMG2529.JPG
5. RIMG2530.JPG

Unit: Outfall 001	**Contains CBI:** No
Observation #: AH2-OB-009	**Date:** 04/12/2022

Flow from the discharge channel was routed through underground piping and about 3,000 feet into Outfall 001 on the banks of the Scioto River. EPA observed the outfall signage and the physical outfall that was discharging at the time of the inspection.

Photos

1. RIMG2538.JPG
2. RIMG2539.JPG

Unit: Primary treatment system	**Contains CBI:** No
Observation #: AH2-OB-005	**Date:** 04/12/2022

EPA observed two primary clarifiers with only one of them in operation at the time of the inspection. The other clarifier was full at the time but not in operation. EPA observed trash, rags and debris in the primary clarifier. The facility representatives stated that it was due to the bar screen not operating in the last three days. Influent was pumped from the Main Building to the Primary Building and from there via two pumps into the primary clarifier.

Photos

1. RIMG2525.JPG
2. RIMG2526.JPG
3. RIMG2528.JPG
4. RIMG2531.JPG

Unit: Secondary treatment	**Contains CBI:** No
Observation #: AH2-OB-007	**Date:** 04/12/2022

EPA observed one of the two secondary clarifiers was operating at the time of the inspection. According to the facility, the second clarifier is not typically used.

Photos

1. RIMG2533.JPG
2. RIMG2540.JPG

Unit: Secondary treatment	**Contains CBI:** No
Observation #: AH2-OB-010	**Date:** 04/12/2022

EPA observed the outfall signage on the banks of Scioto River. The signage displayed the incorrect outfall number and was facing away from the Scioto River.

Photos

1. RIMG2538.JPG

Unit: Secondary treatment	**Contains CBI:** No
Observation #: AH2-OB-006	**Date:** 04/12/2022

EPA observed the trickling filter biological reactors of which one was in operation at the time of the inspection while the other one was empty. The trickling filter bedding material consisted of black plastic discs. At the time of the inspection, there was not enough water in the basin to cover the bedding material.

Photos

1. RIMG2527.JPG
2. RIMG2532.JPG

SECTION III – RECORDS REVIEW

Records may not be in sequential order.

Record: Laboratory Analysis Reports		**AOC:** No
Ref #: AH2-RR-005	**Reviewed By:** Andi Hodaj	**Reviewed Date:** 04/19/2022

EPA reviewed laboratory analysis reports from MASI Laboratories for the months of January, February and March 2022. The analysis reports show results for the parameters required by PART I,A. of the NPDES permit.

Record: Calibration Records		**AOC:** No
Ref #: AH2-RR-004	**Reviewed By:** Andi Hodaj	**Reviewed Date:** 04/19/2022

EPA reviewed daily logs for the effluent's temperature, pH and Dissolved Oxygen (DO) along with calibration records for pH and DO measuring devices, for the period December 1, 2021 - March 31, 2022. The records were provided to EPA via email by the operator on the day of the inspection.

Record: Other - Operator's certificate for wastewater treatment facilities		**AOC:** No
Ref #: AH2-RR-003	**Reviewed By:** Andi Hodaj	**Reviewed Date:** 04/19/2022

EPA reviewed the operator's certification that expires on December 31, 2023.
Record: Process Description/Flow Diagram **AOC:** No
Ref #: AH2-RR-002 **Reviewed By:** Andi Hodaj **Reviewed Date:** 04/19/2022
EPA reviewed a flow diagram and the WWTP process description that was provided to EPA on the day of the inspection.
Record: DMR Reports **AOC:** Yes
Ref #: AH2-RR-001 **Reviewed By:** Andi Hodaj **Reviewed Date:** 04/18/2022
EPA was provided and reviewed Discharge Monitoring Reports for the months of December 2021, January 2022 and February 2022. EPA also reviewed DMR reports for the period of May, 2017 - November 2021. EPA observed 90 effluent limit exceedances for the period May 2017 - March 2022. The effluent limit exceedances were mainly for Carbonaceous Biochemical Oxygen Demand (CBOD) and E. coli.

SECTION IV – SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

No sampling was conducted.

SECTION V - AREAS OF CONCERN

Areas of Concern may not be in sequential order.

The presentation of areas of concern does not constitute a formal compliance determination or violation.

Unit:	**Citation Reference**
AH2-RR-001	**NPDES Permit OH0027031**
EPA observed 90 effluent limit exceedances for the period May 2017 - March 2022. The effluent limit exceedances were mainly for CBOD AND E. coli.	Part I,A.
Unit: Influent/Bar Screen	**Citation Reference**
AH2-OB-002	**NPDES Permit OH0027031**
A bar screen located next to the influent channel was not working at the time of the inspection. According to facility representatives, the bar	Part II,B.

screen had not been working for the last three days.	
AH2-OB-003	**Citation Reference**
EPA observed two Peracetic Acid totes with no secondary containment next to and south of the bar screen.	
Unit: Primary treatment system	**Citation Reference**
AH2-OB-004	**NPDES Permit OH0027031**
EPA observed trash, rags and debris in the primary clarifier.	Part II,B.
Unit: Outfall 001	**Citation Reference**
AH2-OB-010	**NPDES Permit OH0027031**
EPA observed the outfall signage on the banks of Scioto River. The signage displayed the incorrect outfall number and was facing away from the Scioto River.	Part II,S.

SECTION VI – CLOSING CONFERENCE AND FOLLOW UP

Closing Conference

The Region 5 lead inspector held a closing conference with Facility personnel at 12:30 PM (ET) on 04/12/2022 for the inspection. During the closing conference, Region 5 lead inspector discussed the observations and Areas of Concern identified during the inspection. Observations and Areas of Concern have not yet been evaluated for a formal compliance determination.

Follow Up

Region 5 asked that the facility send EPA, calibration records, DMRs and a copy of the operator's certificate.

Communication Log

Calibration records, DMRs and a copy of the operator's certificate were received by Region 5 via email, on 04/13/2022.

SECTION VII – LIST OF APPENDICES

1. Photo Log
2. List of effluent limit violations

APPENDIX 1: PHOTOLOG

Discharge channel	
RIMG2534.JPG	
04/12/2022 12:16 PM (CT)	
Andi Hodaj	
Discharge channel	
No CBI	
No PII	
The discharge channel located south of the secondary clarifiers. Effluent samples are taken here and PAA is added in this channel for disinfection. Camera looking south.	

Discharge channel RIMG2536.JPG 04/12/2022 12:16 PM (CT) Andi Hodaj Discharge channel No CBI No PII The discharge channel located south of the secondary clarifiers. Effluent samples are taken here and PAA is added in this channel for disinfection. Camera looking south.	
Autosampler RIMG2537.JPG 04/12/2022 12:16 PM (CT) Andi Hodaj Discharge channel No CBI No PII The ISCO autosampler used for sampling of the effluent at the discharge channel. Camera looking southeast.	
Discharge channel RIMG2535.JPG 04/12/2022 12:16 PM (CT) Andi Hodaj Discharge channel No CBI No PII The discharge channel located south of the secondary clarifiers. Depth over the rectangular weir is measured with an ultrasonic sensor. Camera looking north.	

Screenings dumpster RIMG2520.JPG 04/12/2022 12:14 PM (CT) Andi Hodaj Influent/Bar Screen No CBI No PII Dumpster behind the bar screen that receives screening from the bar screen. Screenings are eventually hauled to a landfill. Camera looking east.	
Bar Screen RIMG2519.JPG 04/12/2022 12:14 PM (CT) Andi Hodaj Influent/Bar Screen No CBI No PII The bar screen shown is next to the influent channel and it was not operating on the day of the inspection.	
Influent channel RIMG2518.JPG 04/12/2022 12:14 PM (CT) Andi Hodaj Influent/Bar Screen No CBI No PII The influent channel was located at the northeast corner of the property. Camera looking east.	

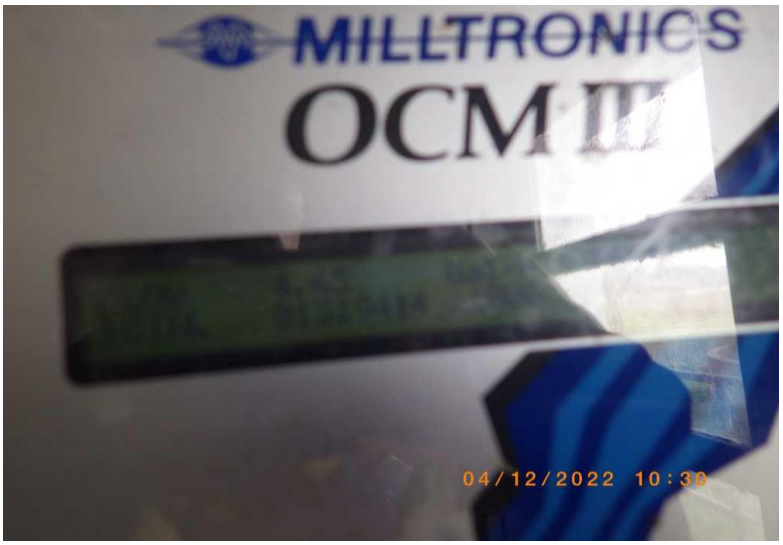
PAA tanks RIMG2521.JPG 04/12/2022 12:14 PM (CT) Andi Hodaj Influent/Bar Screen No CBI No PII Two PAA tanks next to the influent channel. Camera looking southeast.	
ISCO autosampler's fridge RIMG2523.JPG 04/12/2022 12:14 PM (CT) Andi Hodaj Main building No CBI No PII The refrigerator of the autosampler along with the autosampler, is located in the main building and takes flow-proportionate samples of the influent to the WWTP.	
Main building RIMG2524.JPG 04/12/2022 12:14 PM (CT) Andi Hodaj Main building No CBI No PII The main building at the WWTP houses pumps, autosampler and an office for the operator. Camera looking east.	

ISCO autosampler	
RIMG2522.JPG	
04/19/2022 12:15 PM (CT)	
Andi Hodaj	
Main building	
No CBI	
No PII	
The autosampler is located in the main building and takes flow-proportionate samples of the influent to the WWTP.	
Sludge drying beds	
RIMG2529.JPG	
04/12/2022 12:16 PM (CT)	
Andi Hodaj	
Main building	
No CBI	
No PII	
Four sludge drying beds at the southeast corner of the property. Camera looking southeast.	
Digester	
RIMG2530.JPG	
04/12/2022 12:16 PM (CT)	
Andi Hodaj	
Main building	
No CBI	
No PII	
The digester, located east of the Main Building. Camera looking east.	

Oufall 001 signage	
RIMG2538.JPG	
04/19/2022 12:17 PM (CT)	
Andi Hodaj	
Outfall 001	
No CBI	
No PII	
Outfall 001 signage on the banks of the Ohio River. The signage incorrectly says "002". Camera looking west.	
Outfall 001	
RIMG2539.JPG	
04/12/2022 12:17 PM (CT)	
Andi Hodaj	
Outfall 001	
No CBI	
No PII	
Outfall 001 with final discharge in the Scioto River. Camera looking northwest.	
Primary clarifier	
RIMG2525.JPG	
04/12/2022 12:14 PM (CT)	
Andi Hodaj	
Primary treatment system	
No CBI	
No PII	
One of the two primary clarifiers at the WWTP. The clarifier was in operation at the time of the inspection. Camera looking south.	

Primary clarifier sludge pit RIMG2526.JPG 04/12/2022 12:15 PM (CT) Andi Hodaj Primary treatment system No CBI No PII Sludge pit on the north side of the primary clarifier. Camera looking east.	
Primary clarifier RIMG2528.JPG 04/12/2022 12:16 PM (CT) Andi Hodaj Primary treatment system No CBI No PII The second primary clarifier at the WWTP. The clarifier was not operating at the time of the inspection. Camera looking west.	
Primary building RIMG2531.JPG 04/12/2022 12:16 PM (CT) Andi Hodaj Primary treatment system No CBI No PII The primary building hosts the pumps to the primary clarifiers and a sludge pump to the digester. Camera looking south.	

Trickling filter basin RIMG2527.JPG 04/12/2022 12:14 PM (CT) Andi Hodaj Secondary treatment No CBI No PII The trickling filter basin was filled with plastic discs as the medium for microorganisms to grow on. Camera looking south.	
Secondary clarifier RIMG2533.JPG 04/12/2022 12:16 PM (CT) Andi Hodaj Secondary treatment No CBI No PII One of the two secondary clarifiers was in operation at the time of the inspection. Camera looking east.	
Flow meters RIMG2532.JPG 04/12/2022 12:16 PM (CT) Andi Hodaj Secondary treatment No CBI No PII Flow meters housed in the Secondary building.	

Flow meter	
RIMG2540.JPG	
04/12/2022 12:17 PM (CT)	
Andi Hodaj	
Secondary treatment	
No CBI	
No PII	
Flow meter at the Secondary Building.	

APPENDIX 2: List of Effluent Limit Violations

Effluent Limit Exceedances Report							
OH0027031: PIKETON WWTP, PIKETON, OH 45661							
Monitoring Period Date Range: 01/01/2017 to 03/31/2022							
Exceedance Details							
Monitoring Period Date	Outfall	Parameter Description	Limit Type	DMR Value	Limit Value	Limit and DMR Value Unit	% Exceedance
10/31/2017	1	E. coli, MTEC-MF	MO GEOMN	282.72	126	MPN/100mL	124
10/31/2017	1	E. coli, MTEC-MF	WK GEOMN	24200	284	MPN/100mL	8421
3/31/2018	1	Solids, total suspended	MO AVG	31	30	mg/L	3
5/31/2018	1	E. coli, MTEC-MF	WK GEOMN	24200	284	MPN/100mL	8421
5/31/2018	1	E. coli, MTEC-MF	MO GEOMN	2241.2	126	MPN/100mL	1679
6/30/2018	1	E. coli, MTEC-MF	MO GEOMN	902.27	126	MPN/100mL	616
6/30/2018	1	E. coli, MTEC-MF	WK GEOMN	15500	284	MPN/100mL	5358
7/31/2018	1	E. coli, MTEC-MF	MO GEOMN	649.7	126	MPN/100mL	416
7/31/2018	1	E. coli, MTEC-MF	WK GEOMN	7270	284	MPN/100mL	2460
8/31/2018	1	E. coli, MTEC-MF	MO GEOMN	2562.7	126	MPN/100mL	1934
8/31/2018	1	E. coli, MTEC-MF	WK GEOMN	24200	284	MPN/100mL	8421
9/30/2018	1	E. coli, MTEC-MF	MO GEOMN	293.83	126	MPN/100mL	133
9/30/2018	1	E. coli, MTEC-MF	WK GEOMN	24200	284	MPN/100mL	8421
10/31/2018	1	E. coli, MTEC-MF	WK GEOMN	313	284	MPN/100mL	10
10/31/2018	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	34	25	mg/L	36
10/31/2018	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	88	40	mg/L	120
5/31/2019	1	E. coli, MTEC-MF	WK	24200	284	MPN/100mL	8421

			GEOMN				
5/31/2019	1	E. coli, MTEC-MF	MO GEOMN	401.71	126	MPN/100mL	219
6/30/2019	1	E. coli, MTEC-MF	MO GEOMN	4915	126	MPN/100mL	3801
6/30/2019	1	E. coli, MTEC-MF	WK GEOMN	24200	284	MPN/100mL	8421
6/30/2019	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	44	40	mg/L	10
7/31/2019	1	E. coli, MTEC-MF	MO GEOMN	1634.1	126	MPN/100mL	1197
7/31/2019	1	E. coli, MTEC-MF	WK GEOMN	24200	284	MPN/100mL	8421
7/31/2019	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	61	40	mg/L	53
7/31/2019	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	36	25	mg/L	44
8/31/2019	1	E. coli, MTEC-MF	WK GEOMN	6870	284	MPN/100mL	2319
8/31/2019	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	85	40	mg/L	113
8/31/2019	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	38	25	mg/L	52
9/30/2019	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	42.9	25	mg/L	72
9/30/2019	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	77.5	40	mg/L	94
10/31/2019	1	E. coli, MTEC-MF	MO GEOMN	543.01	126	MPN/100mL	331
10/31/2019	1	E. coli, MTEC-MF	WK GEOMN	10500	284	MPN/100mL	3597
10/31/2019	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	62	40	mg/L	55
10/31/2019	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	33	25	mg/L	32
11/30/2019	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	32	25	mg/L	28
11/30/2019	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	53	40	mg/L	33
3/31/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	43	40	mg/L	8
4/30/2020	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	35	25	mg/L	40
4/30/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	47	40	mg/L	18
6/30/2020	1	E. coli, MTEC-MF	MO GEOMN	265	126	MPN/100mL	110
6/30/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	88	40	mg/L	120
6/30/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	79	68.1	kg/d	16
6/30/2020	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	36	25	mg/L	44
7/31/2020	1	E. coli, MTEC-MF	WK GEOMN	1090	284	MPN/100mL	284
7/31/2020	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	50.6	25	mg/L	102
7/31/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	173	40	mg/L	333
7/31/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	119	68.1	kg/d	75
9/30/2020	1	E. coli, MTEC-MF	MO GEOMN	178.39	126	MPN/100mL	42
9/30/2020	1	E. coli, MTEC-MF	WK GEOMN	24200	284	MPN/100mL	8421

10/31/2020	1	E. coli, MTEC-MF	WK GEOMN	345	284	MPN/100mL	21
10/31/2020	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	45	25	mg/L	80
10/31/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	52	40	mg/L	30
11/30/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	86	40	mg/L	115
11/30/2020	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	78.4	68.1	kg/d	15
11/30/2020	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	38.5	25	mg/L	54
1/31/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	45	40	mg/L	13
2/28/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	32	25	mg/L	28
2/28/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	61	40	mg/L	53
4/30/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	46	42.6	kg/d	8
4/30/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	38	25	mg/L	52
4/30/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	51	40	mg/L	28
5/31/2021	1	E. coli, MTEC-MF	WK GEOMN	1380	284	MPN/100mL	386
5/31/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	37	25	mg/L	48
5/31/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	64	40	mg/L	60
6/30/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	82	40	mg/L	105
6/30/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	51	25	mg/L	104
6/30/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	75	68.1	kg/d	10
6/30/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	50	42.6	kg/d	17
7/31/2021	1	E. coli, MTEC-MF	WK GEOMN	576	284	MPN/100mL	103
7/31/2021	1	E. coli, MTEC-MF	MO GEOMN	131	126	MPN/100mL	4
7/31/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	35	25	mg/L	40
7/31/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	48	40	mg/L	20
8/31/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	65	40	mg/L	63
8/31/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	39.5	25	mg/L	58
9/30/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	52.3	25	mg/L	109
9/30/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	47.5	40	mg/L	19
9/30/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	44.9	42.6	kg/d	5
10/31/2021	1	E. coli, MTEC-MF	WK GEOMN	1190	284	MPN/100mL	319
10/31/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	67	40	mg/L	68
10/31/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	48	25	mg/L	92
11/30/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	56.8	42.6	kg/d	33
11/30/2021	1	BOD, carbonaceous, 05	MO	56.9	25	mg/L	128

		day, 20 C	AVG				
11/30/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	101	68.1	kg/d	48
11/30/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	95.5	40	mg/L	139
12/31/2021	1	BOD, carbonaceous, 05 day, 20 C	MO AVG	31	25	mg/L	24
12/31/2021	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	69	40	mg/L	73
1/31/2022	1	BOD, carbonaceous, 05 day, 20 C	WKLY MAX	46	40	mg/L	15