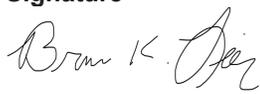


SEWAGE INSPECTION REPORT

Permit Number	Inspection Date	Entry Time	Exit Time	Inspection Type	Inspection ID
PA0091341	12/16/2020	09:10	10:35	CEI	3123211
Municipality	Cherry		County	Butler	
Facility Name	MONITEAU JR SR HIGH SCHOOL		Permittee Name	MONITEAU SCH DIST	
24-Hour Emergency Contact Person/Phone	Jeff Campbell / (724) 406-4426		Email	jcampbell@moniteau.org	
Physical Location Address	1810 W SUNBURY RD, WEST SUNBURY, PA, 16061-1220				
Permit Expiration Date	05/31/2022	Next Submittal Date	----	Due	----
Violations*	No Violations Noted				
Recommendations					
Check NPDES permit materials for Supplemental Reports that are required to be submitted with your eDMR reporting.					
Person Interviewed	Jeffrey C. Campbell	Date	12/16/2020	Inspector	BRUCE K LEIDY
Signature report completed off site		Phone Number	(724) 637-2117	Signature	
				Phone Number	(724) 656-3186
Title Operator				Title	WTR QLTY SPCST
Email	jcampbell@moniteau.org			Email	bleidy@pa.gov
This document is official notification that a representative of the Department of Environmental Protection inspected the above facility. The findings of this inspection are shown above and on any attached pages. *Any violations which were noted during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses of the discharge and/or review of Department records.					

SEWAGE INSPECTION REPORT

Facility Details Section			
Responsible Official	JEFF CAMPBELL	Title	BLDG-GRNDS DIR
Business Phone	(724) 637-2117	Email	jcampbell@moniteau.k12.pa.us
Permittee Address	1810 W SUNBURY RD, WEST SUNBURY, PA, 16061-1220		
Certified Operator	CAMPBELL JEFFREY C	Client ID	225910
Certificates	CSSP	Certification Status	Active
		Expiration Date	09/30/2022
Is a Copy of the permit(s) on-site?			Yes
Has the interviewed operator/person reviewed the facility's permit(s)?			Yes
Comments			
<p>Compliance Evaluation Inspection (CEI) of Moniteau Jr Sr High School Sewage Treatment Plant (STP) conducted on December 16, 2020. Treatment consists of comminution, sequencing batch reactors (2), sludge holding (2 -500 gallon tanks and 1-10,000 gallon buried tank), ultra violet disinfection, and discharge to South Branch Slippery Rock Creek (Glade Run Dam Lake) (watershed 20- C, CWF).</p> <p>All treatment units were operational and online. STP treats sewage from school buildings only. Effluent was clear and area in stream below outfall was free of sewage solids. No samples were taken during this inspection.</p> <p>Water Quality Management permit # 1006402 lists hydraulic capacity as 0.02 MGD and organic capacity as 74 lbs/ day.</p> <p>Photographs of treatment plant and outfall area are included in this report.</p> <p>Due to reduced use of school buildings, no sludge was disposed of in the last 12 months. Although sludge has been removed from reactors to sludge holding.</p> <p>Discharge Monitoring Reports (DMRs) for the period of December 2019 through November 2020. No violations were reported during the review period.</p> <p>All social distancing requirements and other requirements of the Governor of Pennsylvania were observed during this inspection, due to the COVID-19 pandemic.</p> <p>As a general reminder, pursuant to Part A.III.C.4 of your NPDES permit, immediate notification of spills and sewage overflows must be made directly to the Meadville Regional Office at 814.332.6945, or after hours to 814.373.3398. Written follow up must be sent directly to the Meadville Regional Office within 5 business days.</p>			
Participants:			

SEWAGE INSPECTION REPORT

1 Mon,Rpts&Rclds: 001 - OUTFALL 001

Influent Sampling

MRR-1	Is influent monitoring required by the permit?	No	
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Effluent Sampling

MRR-6	Is the effluent sample collected at the location identified in the permit?	Yes	
MRR-7	Where is the effluent sample collection location?	After UV	
MRR-8	Is the effluent sample location after all treatment?	Yes	
MRR-9	Are representative effluent samples collected?	Yes	

Sample Collection

MRR-10	Are samples collected as required by the permit?	Yes	
MRR-11	Is proper sampling equipment / containers used during collection?	Yes	
MRR-12	Are the proper type of samples collected in accordance with the permit?	Yes	
MRR-13	Are the samples collected at the frequency in accordance with the permit?	Yes	
MRR-14	Is the proper sample size (minimum aliquot 100 mL) collected?	Yes	
MRR-15	Is proper temperature control provided during collection, storage and shipping?	Yes	
MRR-16	Is the temperature of the sampler or storage refrigerator monitored using an NIST traceable thermometer and recorded?	Yes	
MRR-17	Is the sample storage temperature $\leq 6^{\circ}\text{C}$?	Yes	
MRR-18	What is the sample storage temperature?	4 degrees	

On-site Lab Accreditation-by-Rule

MRR-19	Does the facility analyze accredited-by-rule parameters only?	Yes	
MRR-20	Which accredited-by-rule parameters are analyzed by the on-site lab?	pH DO	
MRR-21	Is the on-site lab registered?	Yes	
MRR-22	Laboratory Registration ID	10-04628	

Lab Accreditation

MRR-23	Does the on-site laboratory analyze permit parameters?	No	
MRR-29	Are permit parameters analyzed by a contract lab?	Yes	
MRR-30	Contract Lab Name, City, Phone	Environmental Serv.	

SEWAGE INSPECTION REPORT

	Notes: Indiana, PA		
MRR-31	Contract Laboratory Accreditation ID	06-00208	
MRR-32	Is the contract lab accredited for those permit parameters?	Yes	
MRR-33	Have any changes occurred with the accredited-by-rule or the accredited parameters or labs?	Yes	
MRR-34	Is a lab accreditation form submitted with the DMR when changes have occurred?	Yes	

Analysis

MRR-35	Are approved test methods (per 40 CFR Part 136 or others) used for permit parameters?	Yes	
MRR-36	Are the methods used sufficiently sensitive for permit parameters?	Yes	
MRR-37	Are the samples analyzed within the required holding time?	Yes	
MRR-38	Are laboratory equipment/meters calibrated in accordance with the manufacturers' specifications?	Yes	
MRR-39	Are laboratory meters operated and maintained in accordance with the manufacturers' specifications?	Yes	
MRR-40	Are pH buffers and other reagent standards current?	Yes	

Records

MRR-41	Are sampling, calibration, laboratory results, chain-of-custody and other required records readily available for review and complete?	Yes	
MRR-42	Do the sampling records include collector, date/time, location information?	Yes	
MRR-43	Do the analysis records include the analyst's name, the analysis date and time, the test method used, the quantitation limits, and the results?	Yes	
MRR-44	Are the required facility records retained for a minimum of 3 years?	Yes	
MRR-45	Are the required sludge use and disposal records retained for a minimum of 5 years?	Yes	
MRR-46	Was access provided to information or to facility records upon request?	Yes	

Reports

MRR-47	Identify the month/year of the DMRs and supporting data reviewed.	Dec 2019 - Nov 2020	
MRR-48	Are the reviewed DMRs and supplemental reports properly completed?	Yes	
MRR-49	Are the reviewed bench sheets/lab reports consistent with the reported data?	Yes	
MRR-50	Are samples collected more frequently than required in the permit?	No	
MRR-52	Are DMRs submitted on time?	Yes	
MRR-53	Are the required supplemental reports submitted?	Not Observed	
MRR-54	Is the facility using the eDMR system, if required?	Yes	

SEWAGE INSPECTION REPORT

2 Flow Measurement: 001 - OUTFALL 001

Flow Measurement

Q-2	If influent flows are measured, are they measured before all return lines and after hauled-in waste?	Not Applicable	
Q-3	Is a flume present?	Not Applicable	
Q-4	Is the flow uniform across flume channel?	Not Applicable	
Q-5	Is the upstream channel section and the flume free of debris and deposits?	Not Applicable	
Q-6	Is a weir present?	Yes	
Q-7	Are weirs clean with a visible air space below nappe?	Yes	
Q-8	What is the max flow that can be measured at the primary device (flume or weir)?	Not observed	

Meter & Recorder

Q-9	Does the permit require continuous flow monitoring and recording?	Yes	
Q-10	Does the facility have the required flow monitoring and recording capabilities?	Yes	
Q-11	What type of flow meter is used?	Ultrasonic	
Q-12	What type of flow recorder is used?	Totalizer SCADA/Electronic	
Q-13	Are the meter and recorder operable and operating?	Yes	
Q-14	What is the date of the most recent flow meter calibration?	August 2020	
Q-15	What is the calibration range of the flow meter?	Not observed	
Q-16	What is the flow range of the recorder?	Not Observed	
Q-17	What is the current flow meter reading (MGD or gpm)?	308 gpm	

High Flows

Q-18	Does the permit require a High Flow Management Plan?	No	
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3 TP Treatment Plant: PA0091341 - TREATMENT PLANT

Treatment Units

TP-1	Are all treatment units operable?	Yes	
TP-2	Are the treatment units/equipment as described in the WQM permit(s) or in the previous inspection report?	Yes	

Stand-by Power

TP-7	Is stand-by power provided?	Yes	
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SEWAGE INSPECTION REPORT

TP-8	Type of Stand-by Power	Emergency generator	
TP-9	How often is the stand-by power unit maintained?	Per manufacturer	
TP-10	How often is the stand-by power unit exercised?	Weekly	
TP-11	Is the stand-by power unit exercised under load?	Yes	
TP-12	Is the stand-by power system operable and maintained?	Yes	

Alarms

TP-13	Is an alarm system available?	Yes	
TP-14	Type of Alarm	Auto Dialer SCADA	
TP-15	How often is the alarm system tested?	Weekly	
TP-16	What conditions trigger an alarm? Select all that apply.	Power failure High level Pump faults Pump failure	
TP-17	Is the alarm system(s) operable?	Yes	

Chemicals

TP-18	Are chemicals used for treatment or otherwise added to the waste stream?	No	
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Bypasses

TP-23	Did a treatment plant bypass occur since the last inspection?	No	
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Planned Changes

TP-35	Have any changes (new pollutants, different or increased volume or loadings) to the waste stream from industrial or hauled-in wastes occurred since the last inspection?	No	
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4 O&M: PA0091341 - TREATMENT PLANT

O&M

OM-1	Which of the following treatment plant and equipment records are available?	O&M Manual As-built drawings Maintenance schedule Equipment Manuals	
OM-2	Is a daily operations log on-site?	Yes	
OM-3	Is the daily operations log up to date?	Yes	
		Observations Process	

SEWAGE INSPECTION REPORT

OM-4	Which operational conditions/actions are recorded in the log?	adjustments Problems or Concerns	
OM-5	Are process control parameters monitored? (Record the monitoring frequency and current results)	Yes	
OM-6	Is an influent/process control supplemental report form completed and submitted with the DMR?	Yes	
OM-7	Does the daily operations log include maintenance and repair records?	Yes	
OM-10	Are the PM and repair logs up to date?	Yes	
OM-11	Were major equipment repairs/replacements done since the last inspection? Notes: Motor for aeration valve	No	
OM-12	Is a spare parts inventory, either written or electronic, maintained?	Yes	
OM-13	Are spare parts and equipment (pumps, motors) maintained on-site or readily available?	Yes	

Solids Management

OM-14	What is the sludge storage capacity?	11000 gallons	
OM-15	How much sludge was removed from the facility in the past year?	None - pandemic	
OM-16	How does the facility determine how much sludge to waste?	DO and appearance	
OM-17	Is sludge/biosolids production & disposal information submitted on the applicable supplemental report form with the DMR?	Yes	
OM-18	Does the facility test the removed sludge for %TS?	Yes	
OM-19	Who provides sludge hauling/disposal/land application?	K and M Septic	
OM-20	Where is the sludge disposal/biosolids application location?	Municipal STP	
OM-21	How and where are other solid materials, such as collected screenings and grit, disposed?	Dumpster	
OM-22	Has the facility obtained or assured that contracted agents have the necessary permits and approvals for the disposal of solid materials?	Yes	
OM-23	Are solid materials handled and disposed of in compliance with a disposal permit and requirements?	Yes	
OM-24	Is the facility in compliance with all other Part C Special Conditions regarding Solids Management?	Yes	

Hauled in Wastes

OM-25	Does the facility accept hauled-in wastes?	No	
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Stormwater

OM-37	Does the permit include a special condition or other requirements regarding stormwater management?	No	
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Special Conditions

OM-42	Is the facility subject to industrial pretreatment requirements, or does the permit include a Part C Special Condition regarding Industrial Pretreatment?	No	
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SEWAGE INSPECTION REPORT

OM-45	Does the permit contain a condition regarding whole effluent toxicity (WET) tests?	No	
OM-48	Are any other special conditions in the permit not covered in this inspection report?	No	

OpCert: PA0091341 - TREATMENT PLANT

Operator Certification

OP-1	Is a properly certified operator employed for the treatment plant?	Yes	
OP-2	Is at least one collection system pump station part of the permitted facility?	No	
OP-4	How many properly certified available operators make process control decisions at this facility?	3	
OP-5	Is at least one available operator's current certificate displayed at the treatment plant?	Yes	
OP-6	Have the available operators been provided with a copy of the current NPDES/WQM Permits?	Yes	
OP-7	On which days of the week is an available operator at the plant?	Sunday Monday Tuesday Wednesday Thursday Friday Saturday	
OP-8	How many hours are spent at the plant by the available operator(s) each day (weekdays/weekends/holidays)?	One hour or more	
OP-9	Does the operator notify the owner about violations or conditions that may cause a violation, and needed resources?	Yes	
OP-10	How does the operator notify the owner about known violations or conditions that may cause a violation, and about needed resources?	Verbal Email Phone call	
OP-11	Does the owner respond to the operator's notification about needed resources?	Yes	
OP-12	Does the operator act to resolve the condition(s) and/or violation(s)?	Yes	
OP-13	Are non-certified or not properly certified persons expected to perform work that requires process control decisions?	No	
OP-19	If the available operator/operator in charge (OIC) has changed, was a change of operator form submitted to DEP within 10 days?	Not Applicable	

Circuit Rider

OP-20	Is the facility operated by a circuit rider?	No	
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SEWAGE INSPECTION REPORT

Inspection Images



STP Building and Generator



Influent / Comminutor



Reactor



Reactor

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Sludge Holding



UV Unit



Blowers



Controller

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Flow Totalizer



Outfall