Ohio | Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

March 26, 2012

Mr. Tom Yeager
Clermont County Board of Commissioners
4400 Haskell Lane
Batavia, Ohio 45103

RE: Bob McEwen WTP/ Compliance Evaluation Inspection, NPDES Permit No. OH0112810/OEPA, Permit No. 1IV00150*CD

Dear Mr. Yeager:

On March 14, 2012, I conducted an NPDES Compliance Evaluation Inspection at the Bob McEwan Water Treatment Plant. Eric Heiser, WSD Supervisor, was present. The purpose of the inspection was to evaluate compliance with the terms and conditions of the facility's NPDES permit. All areas evaluated received a "Satisfactory" rating.

If you have any questions, please contact me at (937) 285-6028 or michelle.waller@epa.state.oh.us.

Sincerely,

Michelle Waller

Michelle Waller
Environmental Specialist
Division of Surface Water

MW/ca

cc: Eric Heiser, WSD Supervisor

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OhioEPA

State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1IV000150*CD	OH0112810	3/14/2012	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	**Entry Time**	**Permit Effective Date**
Bob McEwan WTP 3960 Greenbriar Road Batavia, Ohio Clermont County	10AM	7/1/2007
	Exit Time	**Permit Expiration Date**
	11:30AM	6/30/2012
Name(s) and Title(s) of On-Site Representatives	**Phone Number(s)**	
Eric Heiser - Manager	(513) 732-5386	
Name, Address and Title of Responsible Official	**Phone Number**	
Clermont County Board of Commissioners 4400 Haskell Lane Batavia, Ohio 45103	(513) 732-7970	

Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	S	Sludge Storage/Disposal	S	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)

The Bob McEwan WTP is currently undergoing an expansion to increase their capacity from 10 MGD to 18 MGD.

Please see attached report for inspection findings.

Inspector	Reviewer
Michelle Waller 3/26/12	Martyn Burt 3/27/12
Michelle Waller Date Division of Surface Water Southwest District Office	Martyn Burt Date Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

Sections E thru K: Complete on all inspections as appropriate
Y – Yes, N – No, N/A – Not Applicable, N/E – Not Evaluated

Section E: Permit Verification

Inspection observations verify the permit

(a) Correct name and mailing address of permittee	Y
(b) Flows and loadings conform with NPDES permit.....	Y
(c) Treatment processes are as described in permit application...	Y
(d) All discharges are permitted.....	Y
(e) Number and location of discharge points are as described in permit.....	Y
(f) Storm water discharges properly permitted.....	Y

Comments/Status:

Renewal application submitted 1/03/2012.

Section F: Compliance

(a) Any significant violations since the last inspection.....	Y
(b) Appropriate Non-compliance notification of violations.....	Y
(c) Permittee is taking actions to resolve violations.....	Y
(d) Permittee has a compliance schedule.....	Y
(e) Compliance schedule contained in...N/A	
(f) Permittee is in compliance with schedule.....	N/A

Comments/Status:

Frequency violations for pH and TSS were reported in April and November of 2011. Appropriate Non-Compliance Notifications were reported to Ohio EPA.

Section G: Operation & Maintenance

Treatment Works:

Treatment facility properly operated and maintained

(a) Standby power available.....generator ☒ or dual feed ☐..... Y

i. What does the back-up power source operate.....

The generator operates the current plant, but will not operate the expansion that is underway.

ii. How often is the generator tested under load.....

The generator is tested under full load every other year (this was just done in February), and it is tested weekly.

(b) All treatment units in service other than backup units..... Y

(c) What method is used for scheduling routine & preventative maintenance (calendar, software, etc.).....

A work order system and Excel spreadsheet are used.

(d) Any major equipment breakdown since last inspection..... N

(e) Operation and maintenance manual provided and maintained..... Y

(f) Any plant bypasses since last inspection..... Y

(g) Any plant upsets since last inspection..... N/A

Comments/Status:

Bypasses occurred on April 14 and 15, 2011.

Section I: Self-Monitoring Program

Flow Measurement:

(a) Primary/Secondary flow measuring devices (e.g. weir with ultrasonic level sensor):

Influent minus effluent.

(b) Flow meter calibrated annually ..... N/A
(Date of last calibration: May 2011)

(c) 24-hour recording instruments operated and maintained..... N/A

(d) Flow measurement equipment adequate to handle full range of flows..... Y

(e) All discharged flow is measured..... Y

Comments/Status:

The WTP started using influent minus effluent for flow measurement in February 2012. Previously, pump run timers were being used.

Section I: Self-Monitoring Program (con't)

Sampling:

(a) Sampling location(s) are as specified by permit..... Y
(b) Parameters and sampling frequency agree with permit..... Y
(c) Permittee uses required sampling method..... Y
(see GLC page)
(d) Monitoring records (i.e., flow, pH, DO) maintained for a minimum of three years including all original strip chart recordings (i.e, continuous monitoring instrumentation, calibration and maintenance records)..... Y

Comments/Status:

Section I: Self-Monitoring Program (con't)

Laboratory:

General

(a) Does the Quality Assurance Manual contain written Standard Operating Procedures (SOP's) for all analysis performed onsite..... Y
(b) Do SOP's include the following if applicable..... Y

- Title
- Scope and Application
- Summary
- Sample Handling and Preservation
- Interferences
- Apparatus and Materials
- Reagents
- Procedure
- Calculations
- Quality Control
- Maintenance
- Corrective Action
- Reference (Parent Method)

Note: Standard Methods 1020A establishes that "Quality assurance (QA) is the definitive program for laboratory operation that specifies the measure required to produce defensible data of know precision and accuracy. Standard operating procedures are to be used in the laboratory in sufficient detail that a competent analyst unfamiliar with the method can conduct a reliable review and/or obtain acceptable results." SOPs should be developed for each analytical procedure.

(c) EPA approved analytical testing procedures used (40 CFR 136.3).. Y
(d) If alternate analytical procedures are used, proper approval has been obtained..... N/A
(e) Analyses being performed more frequently than required by permit. N
(f) If (e) is yes, are results in permittee's self-monitoring report..... Y
(g) Commercial laboratory used..... Y
Parameters analyzed by commercial lab: Trihalomethane

Lab name: Test America

Discharge Monitoring Report Quality Assurance (DMRQA)

(a) Participation in latest USEPA quality assurance performance sampling..... N
Date:
(b) Were any parameters "Unsatisfactory"..... N/A
(c) Reasons for "Unsatisfactory" parameters.....

Comments/Status:

TSS and pH are done onsite.

Section J: Effluent/Receiving Water Observations

Outfall # 001
Outfall Description: Pipe to stream
Receiving Stream: Unnamed tributary to Four Mile Run
Receiving Stream Description: Discharge was clear, no oil, foam or grease observed.

Comments/Status:

Section K: Multimedia Observations

(a) Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories..... N
(b) Do you notice staining or discoloration of soils, pavement or floors.. N
(c) Do you notice distressed (unhealthy, discolored, dead) vegetation.. N
(d) Do you see unidentified dark smoke or dust clouds coming from sources other than smokestacks..... N
(e) Do you notice any unusual odors or strong chemical smells..... N
(f) Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities..... N

If any of the above are observed, ask the following questions:
(1) What is the cause of the condition?
(2) Is the observed condition or source a waste product?
(3) Where is the suspected contaminant normally disposed?
(4) Is this disposal permitted?
(5) How long has the condition existed and when did it begin?