



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korteski, Director

Re: Richland County
City of Mansfield WWTP
NPDES Permit

May 30, 2008

Angelo Klousiadis, Utility Director
City of Mansfield
30 North Diamond Street
Mansfield, Ohio 44902

Dear Mr. Klousiadis,

On May 8, 2008, Walter Ariss and Andrew Gall completed a compliance inspection of the wastewater treatment facilities serving the City of Mansfield. Mr. Marc Morgan, Plant Manager, was present for a tour of the facilities and to provide information on plant operations and maintenance. The inspection included completion of a checklist designed to evaluate the major areas of the treatment plant.

All major treatment units were in operation at the time of the inspection. The bypass to the EQ basin was not active and all flow was going directly to the wastewater treatment plant. A clear effluent was being discharged from the final clarifiers.

During the inspection we discussed the upcoming construction of the new sludge holding pad. Mr. Morgan indicated that our office should be receiving a Permit to Install application within the next few weeks. We also briefly discussed the Park Avenue lift station. Mr. Morgan indicated that replacement parts for the pumps within the station are becoming extremely difficult to find. The pumping capacity of several of the pumps has decreased considerably. Our office is concerned that decreased pump capacity may lead to basement flooding or SSOs. A follow up inspection that includes a tour of this lift station will be made in the coming weeks.

The draft renewal NPDES permit has been issued for the WWTP. The deadline for public comment is June 9, 2008.

In summary, the plant appeared to be operating correctly at the time of the inspection. The completed inspection report is enclosed for your review. If you have any questions, please contact Walter Ariss at 419-373-3070.

Yours truly,


Elizabeth A. Wick, P.E.
District Engineer
Division of Surface Water
/lb

Enclosed

pc: NWDO-DSWfile.w/enclosure

Jim DeSanto, City Engineer, City of Mansfield

Marc Morgan, City of Mansfield WWTP w/enclosure



State of Ohio Environmental Protection Agency
Northwest District Office

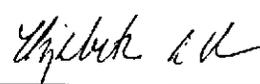
NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
OH0026328	2PE00001	05/08/08	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
City of Mansfield WWTP 385 South Illinois Avenue Mansfield, OH 44905	10:00	8/1/2003
	Exit Time	Permit Expiration Date
	12:15	7/31/2007
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Marc Morgan, Plant Manager	419-589-2830	
Name, Address and Title of Responsible Official	Phone Number	
Angelo Klousiadis, Utility Director	419-755-9702	

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

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

Inspector	Reviewer
 Date: 5/8/08 Walter Ariss Division of Surface Water Northwest District Office	 Date: 5/21/08 Elizabeth A. Wick, P.E. Water Quality Engineer Division of Surface Water Northwest 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) Correct name and location of receiving waters..... Y
- (c) Product(s) and production rates conform with permit application (Industries)..... N/A
- (d) Flows and loadings conform with NPDES permit..... Y
- (e) Treatment processes are as described in permit application... Y
- (f) New treatment process(es) added since last inspection..... N
- (g) Notification given to State of new, different or increased discharges..... N/A
- (h) All discharges are permitted..... Y
- (i) Number and location of discharge points are as described in permit..... Y

Comments/Status:

Section F: Compliance Schedules/Violations

- (a) Any significant violations since the last inspection..... N
- (b) Permittee is taking actions to resolve violations..... N/A
- (c) Permittee has a compliance schedule..... N
- (d) Compliance schedule contained in
- (e) Permittee is meeting compliance schedule..... N/A

Comments/Status:

Section G: Operation & Maintenance

Treatment Works:

Treatment facility properly operated and maintained

- (a) Standby power available.....generator or dual feed Y
- (b) Adequate alarm system available for power or equipment failures.. Y
- (c) All treatment units in service other than backup units..... N
- (d) Wastewater Treatment Works classification (OAC 3745-7)..... IV
- (e) Operator of Record holds unexpired license of class required by permit..... Y
 Class: I
- (f) Copy of certificate of Operator of Record displayed on-site..... N
- (g) Minimum operator staffing requirements fulfilled (OAC 3745-7)... Y
- (h) Routine and preventative maintenance scheduled/performed... Y
- (i) Any major equipment breakdown since last inspection..... Y
- (j) Operation and maintenance manual provided and maintained..... Y
- (k) Any plant bypasses since last inspection..... N
- (l) Regulatory agency notified of bypasses..... N/A
 On MORs and/or Spill Hotline (1-800-282-9378)
- (m) Any hydraulic and/or organic overloads since last inspection..... Y

Record Keeping:

- (a) Log book provided..... Y
- (b) Format of log book (i.e. computer log, hard bound book)

computer maintenance log, paper work request sheets
- (c) Log book(s) kept onsite (in an area protected from weather)..... Y
- (d) Log book contains the following:
 - I. Identification of treatment works..... Y
 - II. Date/times of arrival/departure for Operator of Record and any other operator required by OAC 3745-7..... Y
 - III. Daily record of operation and maintenance activities (including preventative maintenance, repairs and request for repairs)..... Y
 - IV. Laboratory results (unless documented on bench sheets)... Y
 - V. Identification of person making log entries..... Y
- (d) Has the operator of record submitted written notification to the permittee, Ohio EPA and (if applicable) any local environmental agencies when a collection system overflow, treatment plant bypass or effluent limit violation has occurred..... N/A

Section G: Operation & Maintenance (con't)

Collection System:

- (a) Percent combined system: 0%
- (b) Any collection system overflows since last inspection..... Y
(CSO and/or SSO)
- (c) Regulatory agency notified of overflows (SSOs)..... Y
- (d) CSO O&M plan provided and implemented..... N/A
- (e) CSOs monitored and reported in accordance with permit..... N/A
- (f) Portable pumps used to relieve system..... N
- (g) Lift station alarms provided and maintained..... Y
- (h) Are lift stations equipped with permanent standby power
or equivalent..... Y
- (i) Is there an inflow/infiltration problem (separate sewer system),
or were there any major repairs to collection system since
last inspection..... Y
- (j) Any complaints received since last inspection of basement flooding Y
- (k) Are any portions of the sewer system at or near capacity..... N

Comments/Status:

Treatment Works
a) generator runs storm screws, clarifiers and blowers, chlorine. Not WAS or RAS pumps
g) One class IV, three class III, two class II
i) Park Ave lift station only 3 of five pumps operable, gas holding digester out

Collection system
g) treatment plant staff in charge of all lift stations, all have either radio or dialer alarms
h) Park Ave and four smaller stations have backup, adding backup generator at Lexview

Section H: Sludge Management

- (a) Sludge management plan (SMP)
Submitted date: 3/20/2004 Approval #: Not submitted N/A
- (b) Sludge management plan current..... N
(c) Sludge adequately disposed..... Y
(Method:Landfill)
(d) If sludge is incinerated, where is ash disposed of
(e) Is sludge disposal contracted..... Y
(Name:Allied Waste Noble Road Landfill)
(f) Has amount of sludge generated changed significantly since
last inspection..... N
(g) Adequate sludge storage provided at plant.....N
(h) Land application sites monitored and inspected per SMP..... N/A
(i) Records kept in accordance with State and Federal law..... Y
(j) Any complaints received in last year regarding sludge..... N
(k) Is sludge adequately processed (digestion, pathogen control)..... Y

Comments/Status:

Please refer to sludge inspection report from Andrew Gall of NWDO under separate cover. Gas holder out of service, Methane gas mxing out of service.

Section I: Self-Monitoring Program

Flow Measurement:

- (a) Primary flow measuring device operated and maintained..... Y
Type of device: Ultrasonic & Parshall flume Ultrasonic & Weir Weir
Calculated from influent Other (Specify:magmeters)
- (b) Calibration frequency adequate Y
(Date of last calibration: once every two years)
(c) Secondary instruments operated and maintained..... Y
(d) Flow measurement equipment adequate to handle full range
of flows..... Y
(e) Actual flow discharged is measured..... N
(f) Flow measuring equipment inspection frequency
Daily Weekly monthly other

Comments/Status:

Flows measured by adding and subtracting recycle and waste stream flows from influent.

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
- (d) Sample collection procedures are adequate..... Y
 - (i) Samples refrigerated during compositing..... Y
 - (ii) Proper preservation techniques used..... Y
 - (iii) Containers and sample holding times prior to analysis conform with 40 CFR 136.3..... Y
- (e) 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
- (f) Adequate records maintained of sampling date, time, location, etc.. Y

Laboratory:

General

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

Lab name: Alloway and Ginosko

Quality Control/Quality Assurance

- (f) Quality assurance manual provided and maintained..... Y
- (g) Satisfactory calibration and maintenance of instruments/equipment. Y
- (h) Adequate records maintained..... Y
- (i) Results of latest USEPA quality assurance performance sampling program: Satisfactory Marginal Unsatisfactory

Date:

Comments/Status:

Section J: Effluent/Receiving Water Observations

Outfall Number	Oil sheen	Grease	Turbidity	Visible Foam	Visible Floating Solids	Color	Other
001	none	none	none	none	none	none	none

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?

Comments/Status: