



State of Ohio Environmental Protection Agency

FILE COPY

STREET ADDRESS:

Central District Office

MAILING ADDRESS:

Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

TELE: (614) 728-3778 FAX: (614) 728-3898
www.epa.state.oh.us

P.O. Box 1049
Columbus, OH 43216-1049

December 4, 2009

Mr. Randy Brissette
Plant Manager
11781 State Route 762
P.O. Box 209
Orient, OH 43146

Re: **4PP00003/OH0054224**
PICKAWAY CORRECTIONS WWTP
COMPLIANCE INSPECTION
PICKAWAY COUNTY

Dear Mr. Brissette:

Enclosed is the Compliance Inspection Report for Pickaway Corrections Wastewater Treatment Plant. This inspection was conducted on November 24, 2009, by Ohio Environmental Protection Agency personnel.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your permit. At the time of the inspection the plant operations were rated as satisfactory. As discussed on site, your effluent violates the permitted levels of Total Phosphorus allowed to be discharged to Big Darby Creek.

Please continue the investigation to locate and eliminate the source of phosphorus or provide this office with a permit to install application to treat and reduce the phosphorus level in the effluent.

Please note, if Total Phosphorus effluent violations continue, this office shall take enforcement action against Ohio Department of Rehabilitation and Corrections

If you have any questions, comments or concerns, please call me at (614) 728-3847.

Sincerely,

Sherree Gossett-Johnson
Environmental Specialist II
Enforcement and Compliance
Division of Surface Water
Central District Office

Enclosure

SGJ/nsm PCI09

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

NPDES COMPLIANCE INSPECTION REPORT

Section A: National Data System Coding

Permit #	NPDES	Mo/Day/Yr	Insp. Type	Inspector	Watershed
4PP00003	OH0054224	11/24/2009	C	S	Darby

Section B: Facility Data

Facility Name:	<u>Pickaway Correctional Institute</u>	Entry Time	Permit Eff. Date
Address:	<u>P.O Box 209, 11781 State Route 762</u>	10:00 a.m.	04/01/07
City/State/Zip:	<u>Orient, OH 43146</u>	Exit Time	Permit Exp. Date
		11:30 a.m.	12/31/11

On-Site Representatives

Name: Randy Brissette
 Title: Plant Manager
 Phone: (614)877-4362 ex 233

Responsible Official

Name/Title: Ron Chaney, Chief Bureau of Construction Activities and Maintenance
 Address: State of Ohio Dept. of Rehab. and Corr., 978 Freeway Drive North, Columbus, OH 43229
 Phone: (614)752-1052

Section C: Areas Evaluated During Inspection:

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not-Evaluated)

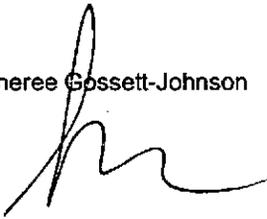
Permit	M	Effluent/ Receiving Waters	M
Records/Reports	S	Sludge Storage/ Disposal	S
Operations & Maint.	S	Pretreatment	---
Facility Site Review	S	Compliance Schedules	S
Collection System	S	Self-Monitoring Program	S
Flow Measurement	S	Storm/Sanitary Collection	S
Laboratory	S		

Section D: Summary of Findings/Comments:

Please see cover letter.

Name of Inspector: Sheree Gossett-Johnson

Ohio EPA, Central District Office

Signature: 

Date: 11/30/09

Name of Reviewer: Erin Sherer

Ohio EPA, Central District Office

Signature: 

Date: 11/30/09

USEPA NPDES No.
Ohio NPDES No.

OH0054224
4PP00003

Sections E thru K: Complete on all inspections as appropriate. (N/A - Not Applicable N/E - Not Evaluated)

Section E. Permit Verification

Yes No N/A N/E

INSPECTION OBSERVATIONS VERIFY THE PERMIT

- | | | | |
|--|---|---|---|
| (a) CORRECT NAME AND MAILING ADDRESS OF PERMITTEE | X | | |
| (b) CORRECT NAME AND LOCATION OF RECEIVING WATERS | X | | |
| (c) PRODUCT(S) AND PRODUCTION RATES CONFORM WITH PERMIT APPLICATION | | | X |
| (d) FLOWS AND LOADINGS CONFORM WITH NPDES PERMIT | X | | |
| (e) TREATMENT PROCESSES ARE AS DESCRIBED IN PERMIT APPLICATION | X | | |
| (f) NEW TREATMENT PROCESS(ES) ADDED SINCE LAST INSPECTION | | X | |
| (g) NOTIFICATION GIVEN TO STATE OF NEW, DIFFERENT, OR INCREASED DISCHARGES | | | X |
| (h) ALL DISCHARGES ARE PERMITTED | X | | |
| (i) NUMBER AND LOCATION OF DISCHARGE POINTS ARE AS DESCRIBED IN THE PERMIT | X | | |

COMMENTS/STATUS:

Section F. Compliance Schedule and Violations

Yes No N/A N/E

- | | | | |
|--|---|--|--|
| (a) ANY SIGNIFICANT VIOLATIONS SINCE LAST INSPECTION | X | | |
| (b) PERMITTEE IS TAKING ACTION TO RESOLVE VIOLATIONS | X | | |
| (c) PERMITTEE HAS COMPLIANCE SCHEDULE | X | | |
| (d) COMPLIANCE SCHEDULE CONTAINED :DFFO-3/14/00 | X | | |
| (e) PERMITTEE IS MEETING SCHEDULE OF COMPLIANCE | X | | |

COMMENTS/STATUS:

Section G. Operation and Maintenance

TREATMENT WORKS:

TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED

Yes No N/A N/E

- | | | | |
|---|---|---|---|
| (a) STANDBY POWER AVAILABLE: GENERATOR <u>x</u> DUAL FEED | X | | |
| (b) ADEQUATE ALARM SYSTEM AVAILABLE FOR POWER OR EQUIPMENT FAILURES | X | | |
| (c) ALL TREATMENT UNITS IN SERVICE OTHER THAN BACKUP UNITS | X | | |
| (d) SUFFICIENT STAFF PROVIDED #SHIFTS <u>DAYS/Wk 7 days/week</u> | X | | |
| (e) OPERATOR HOLDS UNEXPIRED LISCENSE OF CLASS PROVIDED BY PERMIT- CLASS: III | X | | |
| (f) ROUTINE AND PREVENTATIVE MAINTENANCE SCHEDULED/PERFORMED ON TIME | X | | |
| (g) ANY MAJOR EQUIPMENT BREAKDOWN SINCE LAST INSPECTION | | X | |
| (h) O&M MANUAL PROVIDED AND MAINTAINED | X | | |
| (i) ANY PLANT BYPASSES SINCE LAST INSPECTION | | | X |
| (j) REG. AGENCY NOTIFIED OF BYPASSES--on MORs <u>1-800 #</u> | | | X |
| (k) ANY HYDRAULIC AND/OR ORGANIC OVERLOADS EXPERIENCED | X | | |

COMMENTS/STATUS:

USEPA NPDES No.
Ohio NPDES No.

OH0054224
4PP00003

Section G. Operation & Maintenance (continued)

Yes No N/A N/E

COLLECTION SYSTEM:

- (a) PERCENT COMBINED SYSTEM: %
- (b) COLLECTION SYSTEM OVERFLOWS SINCE LAST INSPECTION CSO SSO X
- (c) REGULATORY AGENCY NOTIFIED OF OVERFLOWS (SSOs) X
- (d) CSO O&M PLAN PROVIDED AND IMPLEMENTED X
- (e) CSOs MONITORED AND REPORTED IN ACCORDANCE WITH PERMIT X
- (f) PORTABLE PUMPS USED TO RELIEVE SYSTEM X
- (g) LIFT STATION ALARMS PROVIDED AND MAINTAINED X
- (h) ARE LIFT STATIONS EQUIPPED WITH PERMANENT STANDBY POWER X
- (i) ANY INFLOW/INFILTRATION PROBLEM, OR ANY MAJOR REPAIRS TO THE
COLLECTION SYSTEM SINCE LAST INSPECTION (SEPARATE SEWER SYSTEM) X
- (j) ANY COMPLAINTS SINCE LAST INSPECTION OF BASEMENT FLOODING X
- (k) ARE ANY PORTIONS OF THE SEWER SYSTEM AT OR NEAR CAPACITY X

COMMENT/STATUS:

Pickaway communities have drastically reduced I&I, decreasing Corrections flows to approx. half of the design.

Section H. Sludge Management

Yes No N/A N/E

- (a) SLUDGE MANAGEMENT PLAN (SMP) X
IF YES, DATE SUBMITTED: 2/95
APPROVAL # 01-275-PW
- (b) SLUDGE MANAGEMENT PLAN CURRENT X
- (c) SLUDGE ADEQUATELY DISPOSED OF: METH: Land App./Landfill X
- (d) IS SLUDGE INCINERATED X
IF YES, ASH IS DISPOSED AT:
- (e) IS SLUDGE DISPOSAL CONTRACTED X
IF YES, CONTRACTOR NAME:
- (f) HAS AMOUNT OF SLUDGE CHANGED SIGNIFICANTLY SINCE LAST INSPECTION X
- (g) ADEQUATE SLUDGE STORAGE PROVIDED AT PLANT X
- (h) LAND APPLICATION SITES MONITORED AND INSPECTED PER SMP X
- (i) RECORDS KEPT IN ACCORDANCE WITH STATE AND FEDERAL LAW X
- (j) ANY COMPLAINTS RECEIVED IN LAST YEAR REGARDING SLUDGE X
- (k) IS SLUDGE ADEQUATELY PROCESSED (digestion, dewatering, pathogen control) X

COMMENTS/STATUS:

Section I. Self Monitoring Program

Part 1. Flow Measurement

Yes No N/A N/E

- (a) PRIMARY FLOW MEASURING DEVICE PROPERLY OPERATED AND MAINTAINED X
TYPE OF FLOW MEASURING: Parshall Flume
- (b) CALIBRATION FREQUENCY ADEQUATE (Date of last calibration 11/2009) X
- (c) SECONDARY INST. (totalizer, recorder, etc.) PROPERLY OPERATED & MAINTAINED X
- (d) FLOW MEASURING EQUIP. ADEQUATE FOR EXPECTED RANGES OF FLOWS X
- (e) ACTUAL FLOW DISCHARGED IS MEASURED X
- (f) FLOW MEASURING EQUIPMENT INSPECTION FREQUENCY:
DAILY 6x: MONTHLY
WEEKLY OTHER

Section I. Self Monitoring Program (continued)

Part 2. Sampling

	Yes	No	N/A	N/E
(a) SAMPLING LOCATION(S) ARE AS SPECIFIED IN THE PERMIT	X			
(b) PARAMETERS AND SAMPLING FREQUENCY AGREE WITH PERMIT	X			
(c) PERMITTEE USES REQUIRED SAMPLING METHOD	X			
(d) SAMPLE COLLECTION PROCEDURES ARE ADEQUATE	X			
(i) SAMPLES REFRIGERATED DURING COMPOSITING	X			
(ii) PROPER PRESERVATION TECHNIQUES USED	X			
(iii) CONTAINERS AND SAMPLE HOLDING TIMES PRIOR TO ANALYSES CONFORM WITH 40 CFR 136.3	X			
(e) MONITORING RECORDS (e.g., flow, pH, D.O., etc.) MAINTAINED FOR A MINIMUM OF THREE YEARS, INCLUDING ALL ORIGINAL STRIP CHART RECORDS (e.g., continuous monitoring instrumentation, calibration, and maintenance records)				X
(f) ADEQUATE RECORDS MAINTAINED (e.g., sampling date, time, exact location, etc.)				X

Part 3. Laboratory

	Yes	No	N/A	N/E
(a) EPA APP. ANALYTICAL TESTING PROCEDURES USED (40 CFR 136.3)	X			
(b) IF ALTERNATE PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED		X		
(c) ANALYSIS PERFORMED MORE FREQUENTLY THAN REQUIRED BY THE PERMIT		X		
(d) IF (c) IS YES, ARE RESULTS RECORDED IN PERMITTEE'S SELF-MONITORING REPORT			X	
(e) COMMERCIAL LABORATORY USED	X			
(1) PARAMETERS ANALYZED BY COMMERCIAL LAB: <u>Oil & Grease, Nitrogen, Total Phosphorous, Fecal Coliform, Nitrogen Nitrite & Nitrate, Zinc, Chromium</u> <u>(Total Recoverable & Hexavalent), Nickel, Lead, Copper, Cadmium, Mercury, Cyanide</u>				
(2) LAB NAME: <u>MASI/Genisco</u>				
(f) QUALITY ASSURANCE MANUAL PROVIDED AND MAINTAINED			X	
(g) SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT	X			
(h) ADEQUATE RECORDS MAINTAINED	X			
(i) RESULTS OF LATEST USEPA QUALITY ASSURANCE PERFORMANCE SAMPLING PROGRAM DATE:	X			Satisfactory Marginal Unsatisfactory

COMMENTS/STATUS:

Note: Total Phosphorus violations occur and PCI is currently investigating the cause.

Section J. Effluent/Receiving Water Observations

OUTFALL NO.	OIL SHEEN	VISIBLE GREASE	VISIBLE TURBIDITY	FOAM	FLOATING SOLIDS	COLOR	OTHER
1	NONE	NONE	NONE	NONE	NONE	NONE	

Section K. Multimedia Observations

	Yes	No	N/A	N/E
(a) ARE THERE ANY INDICATIONS OF SLOPPY HOUSEKEEPING OR POOR MAINTENANCE IN WORK AND STORAGE AREAS OR LABORATORIES.		X		
(b) DO YOU NOTICE STAINING OR DISCOLORATION OF SOILS, PAVEMENT, OR FLOORS		X		
(c) DO YOU NOTICE DISTRESSED (UNHEALTHY, DISCOLORED, DEAD) VEGETATION		X		
(d) DO YOU SEE UNIDENTIFIED DARK SMOKE OR DUSTCLOUDS COMING FROM SOURCES OTHER THAN SMOKESTACKS		X		
(e) DO YOU NOTICE ANY UNUSUAL COLORS OR STRONG CHEMICAL SMELLS		X		
(f) DO YOU SEE ANY OPEN OR UNMARKED DRUMS, UNSECURED LIQUIDS, OR DAMAGED CONTAINMENT FACILITIES?		X		

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: