



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

Re: Lucas County  
Oregon WWTP  
NPDES Permit

November 29, 2012

Mr. Paul Roman, P.E.  
Director of Public Service  
City of Oregon  
5330 Seaman Road  
Oregon, Ohio 43616

Dear Mr. Roman:

On November 7, 2012, Naajy Abdullah conducted an inspection of the Oregon Wastewater Treatment Plant (WWTP) to determine compliance with the City's National Pollutant Discharge Elimination System (NPDES) permit. Mr. Robert Martin, Superintendent, was present and provided information about plant operations.

All major treatment units were in operation during the inspection and a clear final effluent was being discharged.

Our completed inspection checklist is enclosed for your information. If you have any questions, please contact Naajy Abdullah at [naajy.abdullah@epa.state.oh.us](mailto:naajy.abdullah@epa.state.oh.us) or (419) 373-3017.

Yours truly,

Elizabeth A. Wick, P.E.  
Environmental Engineer/Section Manager  
Division of Surface Water

NSA/jlm

Enclosure

pc: Robert Martin, Superintendent

ec: Tracking

# NPDES COMPLIANCE INSPECTION REPORT

## Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
OH0052914	2PD00035	2012/11/07	C	S	1

## Section B: Facility Data

Name and Location of Facility Inspected  City of Oregon WWTP 4657 DuPont Road Oregon, Ohio 43616	Entry Time  10:30 a.m.	Permit Effective Date  11/01/2012
	Exit Time  12:00 p.m.	Permit Expiration Date  01/31/2017

Name(s) and Title(s) of On-Site Representative(s)  Robert Martin, Superintendent	Phone Number(s)  (419) 698-7042
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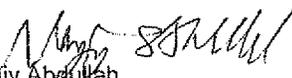
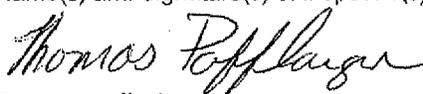
Name, Address and Title of Responsible Official  Paul Roman, P.E. Director of Public Service 5330 Seaman Road Oregon, Ohio 43616	Phone Number  (419) 698-7047
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## Section C: Areas Evaluated During Inspection (S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> S Permit                   | <input checked="" type="checkbox"/> S Flow Measurement        | <input checked="" type="checkbox"/> N Pretreatment            |
| <input checked="" type="checkbox"/> S Records/Reports          | <input checked="" type="checkbox"/> N Laboratory              | <input checked="" type="checkbox"/> S Compliance Schedules    |
| <input checked="" type="checkbox"/> S Operations & Maintenance | <input checked="" type="checkbox"/> S Effluents               | <input checked="" type="checkbox"/> S Self-Monitoring Program |
| <input type="checkbox"/> S Facility Site Review                | <input checked="" type="checkbox"/> S Sludge Storage/Disposal | <input type="checkbox"/> Other                                |

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

\* WWTP under normal operation with all units on line in both plants

 Naajy Abdullah Name(s) and Signature(s) of Inspector(s)	11/27/12 Date	Ohio EPA, Northwest District Office
 Thomas Poffenbarger Name and Signature of Reviewer	11/27/12 Date	Ohio EPA, Northwest District Office

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	<u>X</u>	___	___	
(b) CORRECT NAME AND LOCATION OF RECEIVING WATERS	<u>X</u>	___	___	
(c) PRODUCT(S) AND PRODUCTION RATES CONFORM WITH PERMIT APPLICATION (INDUSTRIES)	___	___	<u>X</u>	
(d) FLOWS AND LOADINGS CONFORM WITH NPDES PERMIT PERMIT APPLICATION/BRIEFING MEMO	<u>X</u>	___	___	
(e) TREAT PROCESSES ARE AS DESCRIBED IN PERMIT APPLICATION/BRIEFING MEMO	<u>X</u>	___	___	
(f) NEW TREATMENT PROCESS(ES) ADDED SINCE LAST INSPECTION	___	<u>X</u>	___	
(g) NOTIFICATION GIVEN TO STATE OF NEW, DIFFERENT OR INCREASED DISCHARGES	___	___	<u>X</u>	
(h) ALL DISCHARGES ARE PERMITTED	<u>X</u>	___	___	
(i) NUMBER AND LOCATION OF DISCHARGE POINTS ARE AS DESCRIBED IN PERMIT	<u>X</u>	___	___	

COMMENTS/STATUS:

**Section F: Compliance Schedules/Violations**

	Yes	No	N/A	N/E
(a) ANY SIGNIFICANT VIOLATIONS SINCE THE LAST INSPECTION	___	<u>X</u>	___	
(b) PERMITTEE IS TAKING ACTIONS TO RESOLVE VIOLATIONS	___	___	<u>X</u>	
(c) PERMITTEE HAS COMPLIANCE SCHEDULE	<u>X</u>	___	___	
(d) COMPLIANCE SCHEDULE CONTAINED IN <u>NPDES - Part I.C</u>	___	___	___	
(e) PERMITTEE IS MEETING COMPLIANCE SCHEDULE	<u>X</u>	___	___	

COMMENTS/STATUS:

**Section G: Operation and Maintenance**

**TREATMENT WORKS:**

	Yes	No	N/A	N/E
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED				
(a) STANDBY POWER AVAILABLE GENERATOR ___ DUAL FEED <u>X</u>	<u>X</u>	___	___	
(b) ADEQUATE ALARM SYSTEM AVAILABLE FOR POWER OR EQUIPMENT FAILURES	<u>X</u>	___	___	
(c) ALL TREATMENT UNITS IN SERVICE OTHER THAN BACKUP UNITS	<u>X</u>	___	___	
(d) SUFFICIENT OPERATING STAFF PROVIDED # SHIFTS <u>3</u> DAYS/WEEK <u>7</u>	<u>X</u>	___	___	
(e) OPERATOR HOLDS UNEXPIRED LICENSE OF CLASS REQUIRED BY PERMIT CLASS: <u>IV</u>	___	<u>X</u>	___	
(f) ROUTINE AND PREVENTIVE MAINTENANCE SCHEDULED/PERFORMED ON TIME	<u>X</u>	___	___	
(g) ANY MAJOR EQUIPMENT BREAKDOWN SINCE LAST INSPECTION	___	<u>X</u>	___	
(h) OPERATION AND MAINTENANCE MANUAL PROVIDED AND MAINTAINED	<u>X</u>	___	___	
(i) ANY PLANT BYPASSES SINCE LAST INSPECTION	<u>X</u>	___	___	
(j) REGULATORY AGENCY NOTIFIED OF BYPASSES <u>X</u> ON MORS <u>X</u> 800 NO.	<u>X</u>	___	___	
(k) ANY HYDRAULIC AND/OR ORGANIC OVERLOADS EXPERIENCED SINCE LAST INSPECTION	___	<u>X</u>	___	

**COLLECTION SYSTEM:**

	Yes	No	N/A	N/E
(a) PERCENT COMBINED SYSTEM <u>0%</u>				
(b) ANY COLLECTION SYSTEM OVERFLOWS SINCE LAST INSPECTION (CSO ___ SSO <u>X</u> )	<u>X</u>	___	___	
(c) REGULATORY AGENCY NOTIFIED OF OVERFLOWS (SSOs)	<u>X</u>	___	___	
(d) CSO O AND M PLAN PROVIDED AND IMPLEMENTED	___	___	<u>X</u>	
(e) CSOs MONITORED AND REPORTED IN ACCORDANCE WITH PERMIT	___	___	<u>X</u>	
(f) PORTABLE PUMPS USED TO RELIEVE SYSTEM	___	<u>X</u>	___	
(g) LIFT STATION ALARM SYSTEMS PROVIDED AND MAINTAINED	___	___	<u>X</u>	
(h) ARE LIFT STATIONS EQUIPPED WITH PERMANENT STANDBY POWER OR EQUIVALENT	<u>X</u>	___	___	
(i) IS THERE AN INFLOW INFILTRATION PROBLEM (SEPARATE SEWER SYSTEM) OR WERE THERE ANY MAJOR REPAIRS TO COLLECTION SYSTEM SINCE LAST INSPECTION	<u>X</u>	___	___	
(j) ANY COMPLAINTS RECEIVED SINCE LAST INSPECTION OF BASEMENT FLOODING	___	<u>X</u>	___	
(k) ARE ANY PORTIONS OF THE SEWER SYSTEM AT OR NEAR CAPACITY	<u>X</u>	___	___	

**COMMENTS/STATUS:**

(e) Superintendent has Class III license and applied for class IV license.

**Section H: Sludge Management**

(a) SLUDGE MANAGEMENT PLAN (SMP)  
SUBMITTED DATE \_\_\_\_\_ APPROVAL # \_\_\_\_\_ NOT SUBMITTED \_\_\_\_\_ N/A

	Yes	No	N/A	N/E
(b) SLUDGE MANAGEMENT PLAN CURRENT	<u>X</u>	_____	_____	_____
(c) SLUDGE ADEQUATELY DISPOSED (METHOD: <u>Land application</u> )	<u>X</u>	_____	_____	_____
(d) IF SLUDGE IS INCINERATED, WHERE IS ASH DISPOSED OF _____	_____	_____	_____	_____
(e) IS SLUDGE DISPOSAL CONTRACTED (NAME: <u>Kevin Fox</u> )	<u>X</u>	_____	_____	_____
(f) HAS AMOUNT OF SLUDGE GENERATED CHANGED SIGNIFICANTLY SINCE LAST INSPECTION	_____	<u>X</u>	_____	_____
(g) ADEQUATE SLUDGE STORAGE PROVIDED AT PLANT	<u>X</u>	_____	_____	_____
(h) LAND APPLICATION SITES MONITORED AND INSPECTED PER SMP	<u>X</u>	_____	_____	_____
(i) RECORDS KEPT IN ACCORDANCE WITH STATE AND FEDERAL LAW	<u>X</u>	_____	_____	_____
(j) ANY COMPLAINTS RECEIVED IN LAST YEAR REGARDING SLUDGE	<u>X</u>	_____	_____	_____
(k) IS SLUDGE ADEQUATELY PROCESSED (DIGESTION, DEWATERING, PATHOGEN CONTROL)	<u>X</u>	_____	_____	_____

COMMENTS/STATUS:

**Section I: Self-Monitoring Program**

Part 1. Flow measurement

	Yes	No	N/A	N/E
(a) PRIMARY FLOW MEASURING DEVICE PROPERLY OPERATED & MAINTAINED	<u>X</u>	_____	_____	_____
TYPE OF DEVICE: _____ PARSHALL FLUME <u>X</u> ULTRASONIC & WEIR _____ WEIR _____ CALCULATED FROM INFLUENT <u>X</u> OTHER ( <u>magmeter</u> )	_____	_____	_____	_____
(b) CALIBRATION FREQUENCY ADEQUATE (Date of last calibration _____)	<u>X</u>	_____	_____	_____
(c) SECONDARY INSTRUMENTS (totalizers, recorders, etc.) PROPERLY OPERATED AND MAINTAINED	<u>X</u>	_____	_____	_____
(d) FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGES OF FLOWS	<u>X</u>	_____	_____	_____
(e) ACTUAL FLOW DISCHARGED IS MEASURED	<u>X</u>	_____	_____	_____
(f) FLOW MEASURING EQUIPMENT INSPECTION FREQUENCY: <u>X</u> DAILY _____ WEEKLY _____ MONTHLY _____ OTHER	_____	_____	_____	_____

COMMENTS/STATUS:

(a) Magmeter: one influent, one effluent

(b) As needed.

Part 2. Sampling

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

COMMENTS/STATUS:

Part 3. Laboratory

	Yes	No	N/A	N/E
<b>GENERAL</b>				
(a) EPA APPROVED ANALYTICAL TESTING PROCEDURES USED (40 CFR 136.3)	<u>X</u>	___	___	___
(b) IF ALTERNATE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED	___	___	<u>X</u>	___
(c) ANALYSES BEING PERFORMED MORE FREQUENTLY THAN REQUIRED BY PERMIT	___	<u>X</u>	___	___
(d) IF (c) IS YES, ARE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT	___	___	<u>X</u>	___
(e) COMMERCIAL LABORATORY USED	<u>X</u>	___	___	___
(1) PARAMETERS ANALYZED BY COMMERCIAL LAB				
<b>QUALITY CONTROL/QUALITY ASSURANCE</b>				
(f) QUALITY ASSURANCE MANUAL PROVIDED AND MAINTAINED	<u>X</u>	___	___	___
(g) SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT	___	___	___	<u>X</u>
(h) ADEQUATE RECORDS MAINTAINED	<u>X</u>	___	___	___
(i) RESULTS OF LATEST USEPA QUALITY ASSURANCE PERFORMANCE SAMPLING PROGRAM DATE : _____ SATISFACTORY ___ MARGINAL ___ UNSATISFACTORY				

COMMENTS/STATUS:

**Section J: Effluent/Receiving Water Observations**

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOLIDS	COLOR	OTHER
001	None	None	None	None	None	Clear	

COMMENTS/STATUS:

**Section K: Multimedia Observations**

	Yes	No	N/A	N/E
(a) ARE THERE INDICATIONS OF SLOPPY HOUSEKEEPING OR POOR MAINTENANCE IN WORK AND STORAGE AREAS OR LABORATORIES	___	<u>X</u>	___	
(b) DO YOU NOTICE STAINING OR DISCOLORATION OF SOILS, PAVEMENT, OR FLOORS	___	<u>X</u>	___	
(c) DO YOU NOTICE DISTRESSED (UNHEALTHY, DISCOLORED, DEAD) VEGETATION	___	<u>X</u>	___	
(d) DO YOU SEE UNIDENTIFIED DARK SMOKE OR DUSTCLOUDS COMING FROM SOURCES OTHER THAN SMOKESTACKS				

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation

CONDITION OR APPEARANCE		RATING	COMMENTS
General	Grounds	S	
	Buildings	S	
	Potable Water Supply Protection	S	
	Safety Features	S	
	Bypasses	Out	
	Stormwater Overflows	Out	
	Alternate Power Source	S	2 power sources into plant from power company
Preliminary	Maintenance of Collection Systems	S	
	Pump Station	In	Eastwyck pump station
	Ventilation	S	
	Bar Screen	In	2 mechanical / Alternating
	Disposal of Screenings	S	Landfill
	Comminutor	In	5 units, one down
	Grit Chamber	In	Plant 2 (In), Plant 3 (In)
	Disposal of Grit	S	Landfill
	Raw sewage pumps	In	5 pumps
Primary	Settling Tanks	In	3 tanks. Used only during heavy storms
	Scum Removal	-	
	Sludge Removal	-	
	Effluent	-	
	Equalization	In	3 tanks. Used only during heavy storms
Sludge Disposal	Digesters - Aerobic	In	8 tanks
	Temperature and pH	-	
	Gas Production	-	
	Heating Equipment	-	
	Sludge Pumps	In	5 WAS / 8 RAS
	Sludge holding Tank	-	
	Sludge Thickener	-	
	Disposal of Sludge	S	Liquid land application
	Centrifuge/Dryer		
Other	Flow Meter and Recorder	In	Magmeter ( 1 influent, 1 effluent )
	Records	S	
	Lab Controls	-	
	Chemical Treatment	In	Ferrous chloride added at grit tanks
Secondary-Tertiary List items as required	Aeration	In	6 tanks
	Secondary Settling	In	2 tanks in each plant
	Blower	In	
Disinfection	Effluent	S	clear
	Disinfection System	Out	For the season
	Effective Dosage	-	
	Contact Time	-	
	Contact Tank	-	
	Dechlorination	-	