



**Environmental
Protection Agency**

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

October 1, 2012

Re: Pretreatment
City of Chillicothe
Pretreatment Audit

Mayor and Council
City of Chillicothe
Municipal Building
35 South Paint Street
Chillicothe, Ohio 45601

Dear Mayor and Council:

On September 5-6, 2012, I conducted an audit of the City of Chillicothe's pretreatment program. Thomas Burnett represented the City during the inspection. The inspection was conducted to evaluate the City's compliance with state and federal pretreatment regulations, and to evaluate the overall effectiveness of the program in achieving environmental goals. As a component of the audit, the City of Chillicothe and Ohio EPA conducted an inspection at Kenworth Truck Company. Required actions, recommendations, and comments are listed below. Several of the required actions were included in prior Ohio EPA inspection reports. Ohio EPA is concerned by the City's lack of follow through on required actions from previous inspections. Ohio EPA will schedule a follow up inspection in 90 days to determine if Chillicothe has completed the required actions below. Please be aware if these items are not addressed in the next inspection, it will be necessary for Ohio EPA to initiate enforcement.

Required Actions:

1. Chillicothe and Ohio EPA inspected Kenworth Truck Company as a component of the audit. During the inspection we learned that Kenworth has changed chemicals in its cab wash system. Regulated coating operations are no longer performed at the facility. For this reason the discharges are no longer regulated by Metal Finishing Point Source Categorical Standards. Kenworth's discharge would still fall within the Major Significant Industrial user classification, but the facility should no longer be classified as a categorical industrial user. Please reclassify Kenworth and modify Kenworth's discharge permit as appropriate at your earliest convenience. Please provide a copy of Kenworth's modified permit to Ohio EPA.
2. Rumpke Recycling's discharge permit includes loading limits at all three outfalls. However, the company did not report flows to the sewer during sampling events. Compliance with loading limits cannot be determined without flows. Chillicothe

3. should require the company to report flows on all monitoring reports to enable the City to evaluate Rumpke's compliance with the loading limits. Please inform Ohio EPA how the City will obtain flow information from Rumpke on future reports.
4. Chillicothe revised its industrial user permits without obtaining approval for modification of the City's pretreatment program from Ohio EPA. Chillicothe is in violation of 40 CFR 403.18 and OAC 3745-3-03(E). Permits that were revised without following the procedures established in the above rules are not valid. Chillicothe should either reissue the permits using the currently approved language or obtain approval for the revisions to the permits through a program modification request.
5. Chillicothe's sewer use ordinance specifies an effective duration of three years for industrial user permits. The City issued permits with a duration of 5 years. The ordinance language should be revised to change the duration of permits to 5 years to enable the City to have the necessary legal authority to issue permits with a 5 year term. A pretreatment program modification request is required.
6. The City is required in 40 CFR 403.12 and Part II, Paragraph S. of its NPDES permit to require proper signatures and certifications on industrial user reports. Adena Regional Medical Center and Rumpke Recycling submitted only lab analysis reports which did not include the required signatures. It is suggested that the City should provide reporting forms to each of its industrial users which inform the users to include any needed signatures and certifications with reports. The reporting forms can also include limitations which allow for convenient comparison with permit limits. Please inform Ohio EPA how Chillicothe will comply with this requirement.
7. Chillicothe revised its industrial user classifications and definitions in 2004. However, the ordinance was not updated with the new definitions. The classifications and definitions in the ordinance should be updated in the ordinance as required in Part II, Paragraph S. of the NPDES permit. A program modification request is required.
8. Several sections of Chillicothe's annual report do not accurately reflect the current classifications of industrial users. Accurate, complete annual reports are required in Part II, Paragraph S.9. of the NPDES permit, and the certification statement required with the report. Chillicothe revised its industrial user classes in 2004, with four new classes and definitions, Major Significant, Minor Significant, Nonsignificant, and Dry. The 2012 annual report classified industries with three classes, Significant, Nonsignificant and Dry. Please revise the annual report to include the updated classifications for all industries and submit an amended report to Ohio EPA.

9. Chillicothe is required in Part II, Paragraph S.2. of the NPDES permit to maintain an up to date industrial user inventory. It was reported during the interview that the City does not have a process to notify the WWTP Superintendent when new water accounts are opened in the City. The City should establish clear procedures to ensure that the Superintendent is notified of new accounts, both to comply with this requirement and to enable new businesses to be aware of wastewater regulatory requirements prior to installation of new facilities in order to avoid delays and unnecessary expenses. Please inform Ohio EPA how this requirement will be addressed.
10. The City issued a discharge permit to Haverhill North Coke Company which was effective January 2011. The permit requires quarterly sampling and reporting, but only one sample, collected on June 4, 2012, had been reported as of the inspection date. The City should ensure all required samples are collected at the frequencies specified in the permit using the appropriate methods of 40 CFR 136 and reported by the due dates as required in Part II, Paragraph S.6 of the NPDES permit. The City's Enforcement Response Plan (ERP) requires that the City respond to an industrial user's failure to submit reports with a telephone call to the user, followed up by a written notice of violation (NOV) requiring a response from the user within 10 days of receiving the NOV. The City should respond to Haverhill Coke's failure to submit monitoring reports as spelled out in the ERP. Please provide a copy of the NOV to Ohio EPA.
11. Haverhill North Coke Company was issued a discharge permit in April, 2011. The company does not appear on Chillicothe's annual reports. Chillicothe is required to maintain a current industrial inventory and submit accurate, complete annual reports in Part II, Paragraph S.2. and Paragraph S.6. of its NPDES permit, and the certification statement required with the report. Haverhill North Coke should be included in the industrial user inventory of the annual report. Please submit a revised annual report Ohio EPA.

Recommended Actions:

1. During the audit I observed heavy grease accumulations at the Marietta and Zane pumping stations. Chillicothe should continue its efforts to strengthen regulation of food service facilities to avoid obstructions in sewers and pumping stations caused by oil and grease. Such blockages can lead to sewer system overflows and/or sewage entering homes and businesses through sewer backups. Heavy oil and grease discharges also may cause maintenance problems at the treatment plant, and pass through the treatment plant untreated and enter the Scioto River.

The City developed a reporting procedure to document the time and location of obstructions in sewers discovered by the collection system crew. However, no reports have been completed since April 2012 and most of the reports I reviewed

did not include the results of a follow up investigation. The City should properly document and follow up on collection system blockages to help eliminate the causes of blockages. The City of Chillicothe is required to report any sanitary sewer overflows in accordance with Part II, Paragraph W. of its NPDES permit. Please notify Ohio EPA of the City's plans to improve reporting and follow up on sewer system blockages.

2. Chillicothe's council passed Section 911.17 of its sewer use ordinance, to establish regulations for the discharges of fats, oils and grease to the sewer. The City did not incorporate a reference to OAC 3745-42-02 in Section 911.17 of the ordinance as advised by Ohio EPA during a review of the draft. This rule specifies design criteria for grease interceptors to obtain an exemption from Ohio EPA Permit To Install (PTI) rules. New or modified grease interceptor installations that do not meet the criteria spelled out in OAC 3745-42-02 require a Permit To Install from Ohio EPA. It is recommended that Chillicothe modify the ordinance to include the reference to minimize the regulatory burden on its food service businesses and improve the performance of new interceptor installations. The language in the exemption is pasted below. A program modification request would be required.

(3) External interceptors for fats, oils or greases (FOG) in accordance with paragraphs (B)(3)(a) to (B)(3)(a)(xi) of this rule.

(a) Except as provided in paragraph (B)(3)(b) of this rule, a permit to install or plan approval is not required for an external FOG interceptor, where the external FOG interceptor:

(i) Discharges to a publicly owned or public utilities commission of Ohio regulated disposal system owned or operated by the holder of a valid Ohio national pollutant discharge elimination system (NPDES) permit issued by the director;

(ii) Is designed by a registered or licensed professional, such as a registered professional engineer, and installed in accordance with applicable sections of the Ohio plumbing code set forth in division-level designation 4101:3 of the Administrative Code;

(iii) Is designed to have a minimum contact time within the interceptor of twenty minutes;

(iv) Is designed to remove at least ninety-five per cent of the incoming FOG or to meet applicable local FOG effluent limits imposed by the owner/operator of the disposal system, whichever is more stringent;

(v) Incorporates an observation or monitoring well or device at its discharge point, prior to entering the disposal system; [Comment: A control manhole that is used for observation or monitoring of effluent from a FOG interceptor and is located upstream of the collector sewer meets the intent of an observation or monitoring well or device.]

(vi) Serves only establishments that generate no peak flows of no more than five hundred gallons per minute (g.p.m.) of FOG laden sewage;

(vii) Is designed to retain intercepted FOG material without permitting discharge of said material to the sanitary sewerage system;

(viii) Is designed in such a way as to not allow material to permanently accumulate within the FOG interceptor;

(ix) Is maintained on a planned and scheduled basis so as to properly provide its intended purpose, FOG interception;

(x) Is designed to facilitate ease of cleaning and maintenance as well as not contaminating the surrounding area; and

(xi) Is permitted, inspected and approved by the plumbing authority having jurisdiction.

(b) The director may require a permit to install or plan approval, as applicable, for any FOG interceptor that receives industrial wastewater or wastewater that does not meet the definition of sewage, as defined by Chapter 6111. of the Revised Code;

3. Chillicothe's waste hauler permits do not allow the City to recover costs from damages or assess penalties for unauthorized discharges from waste haulers. I recommend that the City revise the hauler permits to include references to the SUO sections 912.03, 912.22 and 912.99, or incorporate the language into the permits. Please provide a draft of any revisions to the hauler permits for Ohio EPA review prior to issuance.

Comments:

1. Ohio EPA promulgated revisions to the pretreatment regulations, known as the Streamlining Rule, in February 2007. Chillicothe should modify the elements of its pretreatment program required in the Streamlining Rule as soon as practical. Information on the rule requirements is available at:
<http://epa.ohio.gov/portals/35/guidance/pretreatment2.pdf>.
2. The City is prompted to submit pretreatment program modification requests in several of the above noted required and recommended actions. It is recommended that the City address all the proposed revisions to its pretreatment program in a single submission to Ohio EPA to reduce the administrative efforts of both the City and Ohio EPA.

Please respond to this letter in writing within 30 days. Should you have any questions or comments, please contact me at (740) 380-5423.

Sincerely,

A handwritten signature in cursive script that reads "Fred J. Snell".

Fred J. Snell
District Representative
Division of Surface Water

FJS/dh

- c: Thomas Burnett, Pretreatment Coordinator, Chillicothe WWTP
- c: Jack Knapp, DSW, SEDO
- c: Ryan Laake, Pretreatment Unit, DSW, CO

Pretreatment Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPD00003	OH0024406	9/6/2012	5	S	2

B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Kenworth Truck Company 65 Kenworth Drive Chillicothe, Ohio 45601	10:00 am	8/12/2010
	Exit Time	Permit Expiration Date
	12:30 pm	8/12/2015

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
Ken Legner, Environmental Engineer Jeremy Bachtel, Assistant Environmental Engineer	(740) 774-5227
Name, Address, & Title of Responsible Official	Phone Number
Alan Mayne, Executive Officer	(740) 774-5111

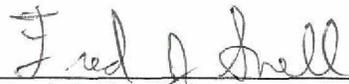
C. AREAS EVALUATED DURING INSPECTION

<u> S </u> Permit	<u> S </u> Flow Measurement	<u> S </u> Pretreatment
<u> S </u> Records/Reports	<u> S </u> Laboratory	<u> N/A </u> Compliance Schedules
<u> S </u> Operations & Maintenance	<u> S </u> Effluent/Receiving Waters	<u> S </u> Self-Monitoring Program
<u> S </u> Facility Site Review	<u> S </u> Sludge Storage/Disposal	<u> </u> Other
<u> S </u> Collection System		

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated; N/A = Not Applicable)

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

The City of Chillicothe performed a sampling inspection on the above date during an Ohio EPA pretreatment program audit. Kenworth assembles Class 8 trucks. It was determined that Kenworth is no longer regulated by 40 CFR 433.17. The facility generates process wastewaters which will continue to require pretreatment to meet Chillicothe's industrial user limits. The City will reclassify the facility to a major significant noncategorical industrial user.


 Fred J. Snell, Inspector, Ohio EPA, Southeast District Office

10/1/12
 Date


 Jennifer M. Witte, Reviewer, Ohio EPA, Southeast District Office

10/2/12
 Date

WENDB AND RNC WORKSHEET
PCI/Audit/RI Checklist

FACILITY INFORMATION	
Name: City of Chillicothe	Date of Inspection: 9/5-6/12
OH Number: OH0024406	NPDES Number: OPD00003

I. WENDB DATA ENTRY WORKSHEET

INSTRUCTIONS: Enter the data provided by the specific checklist questions that are referenced.

	Data	Checklist Reference		PCS Code
		PCI	AUDIT	
Number of SIUs	2	Annual	Annual	SIUS
Number of CIUs	0	Annual	Annual	CIUS
Number of SIUs without Control Mechanisms	0	II.C.1	II.D.1.a	NOCM
Number of SIUs not inspected or sampled	0	II.F.1.a	II.F.1.a	NOIN
Number of SIUs in SNC with standards or reporting	0			PSNC
Number of SIUs in SNC with self-monitoring	0			MSNC
Number of SIUs in SNC with self-monitoring and not inspected or sampled	0	II.E.2	II.F.1.d	SNIN
Date NPDES Permit modified to include pretreatment requirements (Audit)	9/23/85			
Technical Evaluation of Local Limits (Y/N) (Audit)	Y			
Adoption of technically-based limits (Y/N) (Audit)	Y			

II. RNC/SNC WORKSHEET

INSTRUCTIONS: Place a check in the appropriate box on the left if the CA is found to be in RNC or SNC

	RNC	Level	Reference	
			PCI	Audit
	Failure to enforce against pass through and/or interference	I		
	Failure to submit required reports within 30 days	I		
	Failure to meet compliance schedule milestone date within 90 days	I		
	Failure to issue/reissue control mechanisms to 90% of SIUs within 6 months	II	II.C.2.b	II.D.1.b
	Failure to inspect or sample 80% of SIUs within the last 12 months	II	II.E.1	II.F.1
	Failure to enforce pretreatment standards and reporting requirements	II		I.C.1
X	Other (specify) Deficiencies in reporting and procedural requirements	II		
SNC				
	Control Authority in SNC for violation of any Level I criterion			
	Control Authority in SNC for violation of two or more Level II criterion			