

OHIO E.P.A.

NOV 21 2001

ENTERED DIRECTOR'S JOURNAL

BEFORE THE

OHIO ENVIRONMENTAL PROTECTION AGENCY

In the Matter of:

Pheasant Run Association

200 Eastlake Drive

P.O. Box 522

LaGrange, Ohio 44050

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Director's Final Findings
and Orders

Respondent

JURISDICTION

Pursuant to Ohio Revised Code (ORC) Section 6111.03(H) and Section 3745.01, and Ohio Administrative Code (OAC) Chapter 3745-11, the Director of the Ohio Environmental Protection Agency (Ohio EPA) hereby makes the following Findings and issues the following Orders.

PARTIES BOUND

These Orders shall apply to and be binding upon Pheasant Run Association, hereinafter, "Respondent", and its assigns and successors in interest liable under Ohio law. No change in ownership of Respondent's WWTP, as defined below, shall in any way alter Respondent's obligations under these Orders. Respondent's obligations under these Orders may be altered only by the written action of the Director of the Ohio EPA.

FINDINGS

1. Respondent owns and operates a "sewerage system" and "treatment works" as those terms are defined in OAC Rule 3745-11-01, hereinafter referred to as the Wastewater Treatment Plant (WWTP), located on the east side of Nickle Plate Diagonal Road, LaGrange Township, Lorain County, Ohio.
2. The WWTP currently serves 439 modular or trailer-type homes, a restaurant, and a public golf course. The WWTP treats an average daily flow of 68,000 gallons per day (gpd) with a design capacity of 100,000 gpd.

I certify that this is a true and correct copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

Zona L. Clement

Date 11-21-01

3. Respondent discharges pollutants from the WWTP to an unnamed tributary of Wellington Creek. The unnamed tributary of Wellington Creek and Wellington Creek are "waters of the state" as defined in ORC Section 6111.01.
4. Respondent was issued an NPDES permit number (3PW00001*DD) on June 22, 2000 for the discharge of pollutants into an unnamed tributary of Wellington Creek. The NPDES permit contains an interim and final effluent table, and a Compliance Schedule. This permit requires compliance with final effluent limitations by April 1, 2002. The NPDES permit establishes effluent concentrations and loadings based upon a design hydraulic flow of 100,000 gpd.
5. Pursuant to ORC Section 6111.04(C), no person to whom a permit has been issued shall place or discharge, or cause to be placed or discharged, in any waters of the state any sewage, sludge, sludge materials, industrial waste, or other wastes in excess of the permissive discharges specified under an existing permit.
6. Pursuant to ORC Section 6111.07(A), no person shall violate or fail to perform any duty imposed by ORC Sections 6111.01 to 6111.08 or violate any order, rule, or term or condition of a permit issued or adopted by the Director of Ohio EPA pursuant to those sections. Each day of violation is a separate offense.
7. Respondent violated the final effluent limits of its current and previous NPDES permits on numerous occasions, as cited in Attachment I. Attachment I is hereby incorporated into these Findings & Orders as if fully stated herein. Respondent is in significant noncompliance with the currently effective effluent limits of its NPDES permit, in violation of the NPDES permit and ORC Sections 6111.04 and 6111.07. Each violation cited in Appendix I constitutes a separate violation of ORC Sections 6111.04 and 6111.07.
8. On January 12, 2001, and February 6, 2001, Ohio EPA, Northeast District Office (NEDO) received applications from L.E.H. Properties for Permits to Install (PTI) (PTI Application No. 02-14669 and PTI Application No. 02-14773). These PTI applications sought approval for construction of sanitary sewers and allowing for additional connections to the WWTP.
9. On May 24, 2001, a meeting was held with Ohio EPA, Respondent and L.E.H. Properties to discuss the possibility of constructing the proposed sanitary sewers and making connection to the WWTP. Respondent and L.E.H. Properties were informed that Ohio EPA could not recommend connection to the existing WWTP, due to NPDES permit violations that currently exist.
10. During the May 24, 2001 meeting, Ohio EPA informed Respondent and L.E.H. Properties that the existing WWTP would need to be significantly upgraded before

additional loadings could be placed upon the WWTP. Ohio EPA also explained that an antidegradation review would be required pursuant to OAC Rule 3745-1-05 to determine if the additional flow and loadings from the proposed development could be discharged to the WWTP.

11. On August 22, 2001, an inspection of the proposed Pheasant Run Subdivision site was conducted by Ohio EPA, NEDO. The inspection found that connections had been made to sanitary sewers prior to approval of the plans and issuance of PTIs by Ohio EPA in violation of ORC Chapter 6111 and OAC Chapter 3745-31.
12. OAC Rule 3745-11-02(E) provides that the Director may impose a standard connection ban whenever additional connections to or extensions of a sewerage system would result in (1) an increase in the quantity of pollutants in the discharges from a treatment works and/or sewerage system, to any waters of the state; and (2) violations, or the contribution to a pattern of ongoing violations, of the limits and/or terms and conditions of a national pollutant discharge elimination system permit.
13. The Director hereby finds that additional connections to the WWTP would increase the quantity of pollutants in the discharges from the WWTP and would contribute to a continued pattern of ongoing violations of the limits and terms of conditions of Respondent's NPDES permit.
14. The Director has given consideration to, and based his determination on, evidence relating to the technical feasibility and economic reasonableness of complying with these Orders and to evidence relating to conditions calculated to result from compliance with these Orders, and its relation to the benefits to the people of the State to be derived from such compliance in accomplishing the purposes of ORC Chapter 6111.

ORDERS

1. A standard connection ban is hereby imposed to prohibit any additional connections to or extensions to the Respondent's "sewerage system" and "treatment works" as those terms are defined in OAC Rule 3745-11-01. The geographical area of concern is east side of Nickle Plate Diagonal Road, east to the west side of Whitehead Road; adjacent to the CCC & St. L. RR on the north, continuing south to the north side of Webster Road.
2. Within ninety (90) days of the effective date of these Orders, Respondent shall initiate construction for plant improvements in accordance with the approved PTI (No. 02-14368, issued August 1, 2001) necessary to meet the effluent limits and terms and conditions of NPDES permit 3PW00001*DD or a subsequent renewal.

3. By no later than April 1, 2002, Respondent shall complete construction in accordance with the approved PTI, of its upgraded WWTP.

OTHER APPLICABLE LAWS

All actions required to be taken pursuant to these Orders shall be undertaken in accordance with the requirements of all applicable local, state, and federal laws and regulations. Nothing in these Orders shall be construed as waiving or compromising in any way the applicability and enforcement of any other statutes or regulations applicable to Respondent and its operation.

RESERVATION OF RIGHTS

These Orders do not prevent Ohio EPA from enforcing the terms of these Orders or from taking other administrative, legal or equitable action as deemed appropriate and necessary, including seeking penalties against Respondent for violations cited in these Findings and Orders or noncompliance with these Orders. These Orders do not prevent Ohio EPA from exercising its authority to require Respondent to perform additional activities pursuant to Chapter 6111 of the Ohio Revised Code or any other applicable law in the future. These Orders do not limit the authority of Ohio EPA to seek relief for violations not cited in these Orders.

TERMINATION

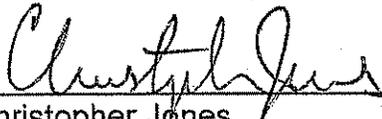
Respondent's obligations under these Orders shall be satisfied and terminate when Respondent demonstrates in writing, and certifies to the satisfaction of Ohio EPA that all obligations required in under these Orders have been performed and demonstrates substantial compliance with the final effluent limits and terms and conditions of NPDES permit 3PW00001*DD for two consecutive months and the Chief of Ohio EPA's Division of Surface Water acknowledges the termination of these Orders in writing.

This certification shall be submitted by Respondent to the Northeast District Office (Attention: DSW Enforcement Group Leader) and shall be signed by a responsible official of the Respondent. A responsible official is as defined in OAC Rule 3745-33-03(D)(1) for a corporation, OAC Rule 3745-33-03(D)(2) for a partnership, OAC Rule 3745-33-03(D)(3) for a sole proprietorship, and OAC Rule 3745-33-03(D)(4) for a municipal, state, or other public facility. The certification shall contain the following attestation:

"I certify under the penalty of law that I have personally examined and am

familiar with the information contained in or accompanying this certification, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information contained in or accompanying this certification is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment."

IT IS SO ORDERED:
Ohio Environmental Protection Agency



Christopher Jones
Director

November 21, 2001

Date

Attachment 1

PHEASANT RUN VILLAGE NPDES PERMIT EFFLUENT VIOLATIONS

<u>PARAMETER</u>	<u>FREQUENCY</u>	<u>REPORTED</u>	<u>PERMIT</u>	<u>DATE</u>
NH ₃	30 day avg.	9.66 mg/l	6.80 mg/l	2/95
Diss. Oxygen	30 day avg.	3.5 mg/l	>5.0 mg/l	5/95
Diss. Oxygen	30 day avg.	4.3 mg/l	>5.0 mg/l	6/95
NH ₃	30 day avg.	2.30 mg/l	1.5 mg/l	7/95
Diss. Oxygen	30 day avg.	4.9 mg/l	>5.0 mg/l	8/95
Diss. Oxygen	30 day avg.	4.4 mg/l	>5.0 mg/l	9/95
Diss. Oxygen	30 day avg.	3.9 mg/l	>5.0 mg/l	10/95
Diss. Oxygen	30 day avg.	3.8 mg/l	>5.0 mg/l	11/95
Diss. Oxygen	30 day avg.	3.5 mg/l	>5.0 mg/l	12/95
CBOD ₅	30 day avg.	17.3 mg/l	10.0 mg/l	1/96
Susp. Solids	30 day avg.	12.5 mg/l	12.0 mg/l	1/96
Diss. Oxygen	30 day avg.	4.9 mg/l	>5.0 mg/l	1/96
NH ₃	30 day avg.	11.3 mg/l	6.8 mg/l	1/96
Susp. Solids	30 day avg.	15.0 mg/l	12.0 mg/l	2/96
NH ₃	30 day avg.	14.0 mg/l	6.8 mg/l	2/96
CBOD ₅	30 day avg.	10.4 mg/l	10.0 mg/l	4/96
Diss. Oxygen	30 day avg.	4.9 mg/l	>5.0 mg/l	4/96
NH ₃	30 day avg.	5.2 mg/l	1.5 mg/l	5/96
CBOD ₅	30 day avg.	15.0 mg/l	10.0 mg/l	6/96
NH ₃	30 day avg.	5.7 mg/l	1.5 mg/l	6/96
NH ₃	30 day avg.	13.2 mg/l	1.5 mg/l	7/96
Diss. Oxygen	Daily conc.	11 values down to 3.0 mg/l	>5.0 mg/l	Sept. 4, 5, 9, 11,12,13,18,19 ,20,23,26 1996
NH ₃	30 day avg.	5.0 mg/l	1.5 mg/l	9/96
NH ₃	30 day load.	0.73 kg/d	0.50 kg/d	9/96
Diss. Oxygen	Daily Conc.	9 values down to 2.0 mg/l	>5.0 mg/l	Oct. 1,9,17,18, 24,25,28,29,30 1996
Susp. Solids	30 day avg.	44.0 mg/l	12.0 mg/l	10/96
Susp. Solids	30 day load.	6.66 kg/d	4.5 kg/d	10/96
Susp. Solids	7 day avg.	112 mg/l	18 mg/l	10/21/96
Susp. Solids	7 day load.	16.0 kg/d	6.8 kg/d	10/21/96
NH ₃	30 day avg.	15.36 mg/l	1.50 mg/l	10/96
NH ₃	30 day load.	2.22 kg/d	0.5 kg/d	10/96
CBOD ₅	30 day avg.	42.3 mg/l	10.0 mg/l	10/96

<u>PARAMETER</u>	<u>FREQUENCY</u>	<u>REPORTED</u>	<u>PERMIT</u>	<u>DATE</u>
CBOD ₅	30 day load.	6.43 kg/d	3.8 kg/d	10/96
CBOD ₅	7 day avg.	104.8 mg/l	15.0 mg/l	10/21/96
CBOD ₅	7 day load.	15.0 kg/d	5.7 kg/d	10/21/96
Diss. Oxygen	Daily conc.	5 values down to 4.0 mg/l	>5.0 mg/l	Nov. 7,8,11, 12, 27 1996
Susp. Solids	30 day avg.	16.0 mg/l	12.0 mg/l	11/96
Susp. Solids	7 day avg.	29 mg/l	18 mg/l	11/7/96
NH ₃	30 day avg.	10.2 mg/l	6.8 mg/l	11/96
CBOD ₅	30 day avg.	11.3 mg/l	10.0 mg/l	11/96
CBOD ₅	7 day avg.	16.7 mg/l	15.0 mg/l	11/21/96
Susp. Solids	7 day avg.	21.0 mg/l	18 mg/l	1/18/97
NH ₃	30 day avg.	11.4 mg/l	6.8 mg/l	1/97
Susp. Solids	30 day avg.	12.72 mg/l	12.00 mg/l	2/97
Susp. Solids	7 day avg.	21.0 mg/l	18.0 mg/l	2/18/97
NH ₃	30 day avg.	6.91 mg/l	6.8 mg/l	2/97
CBOD ₅	30 day avg.	10.7 mg/l	10.0 mg/l	2/97
Diss. Oxygen	Daily conc.	4.0 mg/l	>5.0 mg/l	3/6/97
Susp. Solids	7 day avg.	24.7 mg/l	18.0 mg/l	3/14/97
NH ₃	30 day avg.	9.13 mg/l	6.8 mg/l	3/97
NH ₃	7 day avg.	12.7 mg/l	10.2 mg/l	3/21/97
CBOD ₅	30 day avg.	10.6 mg/l	10.0 mg/l	3/97
CBOD ₅	7 day avg.	17.0 mg/l	15.0 mg/l	3/14/97
CBOD ₅	30 day avg.	10.2 mg/l	10.0 mg/l	4/97
NH ₃	30 day avg.	2.57 mg/l	1.50 mg/l	5/97
CBOD ₅	30 day avg.	21.8 mg/l	10.0 mg/l	5/97
CBOD ₅	7 day avg.	70.8 mg/l	15.0 mg/l	5/7/97
CBOD ₅	7 day load.	10.5 kg/d	5.70 kg/d	5/7/97
CBOD ₅	30 day avg.	31.6 mg/l	10.0 mg/l	6/97
Susp. Solids	30 day avg.	17.8 mg/l	12.0 mg/l	6/97
NH ₃	30 day avg.	14.3 mg/l	1.5 mg/l	6/97
NH ₃	30 day avg.	4.07 mg/l	1.5 mg/l	7/97
NH ₃	30 day avg.	9.2 mg/l	1.5 mg/l	9/97
NH ₃	30 day avg.	13.9 mg/l	1.5 mg/l	10/97
NH ₃	30 day avg.	9.28 mg/l	6.8 mg/l	11/97
CBOD ₅	30 day avg.	25.0 mg/l	10.0 mg/l	1/98
Susp. Solids	30 day avg.	32.0 mg/l	12.0 mg/l	1/98
NH ₃	30 day avg.	17.0 mg/l	6.8 mg/l	1/98
CBOD ₅	30 day avg.	37.9 mg/l	10.0 mg/l	2/98
Susp. Solids	30 day avg.	24.7 mg/l	12.0 mg/l	2/98
NH ₃	30 day avg.	10.3 mg/l	6.8 mg/l	2/98
NH ₃	30 day avg.	9.6 mg/l	6.8 mg/l	3/98
CBOD ₅	30 day avg.	12.7 mg/l	10.0 mg/l	4/98
Susp. Solids	30 day avg.	17.8 mg/l	12.0 mg/l	4/98

<u>PARAMETER</u>	<u>FREQUENCY</u>	<u>REPORTED</u>	<u>PERMIT</u>	<u>DATE</u>
Diss. Oxygen	30 day avg.	4.86 mg/l	>5.0 mg/l	4/98
NH ₃	30 day avg.	11.3 mg/l	6.8 mg/l	4/98
NH ₃	30 day avg.	18.2 mg/l	1.5 mg/l	5/98
NH ₃	30 day avg.	7.6 mg/l	1.5 mg/l	8/98
pH	Daily conc.	10 values down to 5.0 S.U.	6.5 to 9.0 SU	2/99
NH ₃	30 day avg.	14.7 mg/l	6.8 mg/l	3/99
NH ₃	30 day load.	9.3 kg/d	2.5 kg/d	3/99
CBOD ₅	30 day load.	5.0 kg/d	3.8 kg/d	3/99
Diss. Oxygen	Daily conc.	4 values down to 4.0 mg/l	>5.0 mg/l	Mar. 15,16,17, 18, 1999
Susp. Solids	30 day load.	9.8 kg/d	4.5 kg/d	4/99
Susp. Solids	7 day load.	25.1 kg/d	6.8 kg/d	4/15/99
CBOD ₅	30 day load.	18.1 kg/d	3.8 kg/d	4/99
CBOD ₅	7 day load.	6.0 kg/d	5.7 kg/d	4/7/99
CBOD ₅	7 day load.	50.2 kg/d	5.7 kg/d	4/15/99
Susp. Solids	30 day load.	6.0 kg/d	4.5 kg/d	5/99
Susp. Solids	7 day load.	12.1 kg/d	6.8 kg/d	5/15/99
NH ₃	30 day avg.	4.4 mg/l	1.5 mg/l	5/99
NH ₃	30 day load.	3.5 kg/d	0.5 kg/d	5/99
Fecal Coliform	7 day avg.	2400 #/100 ml	2000 #/ 100 ml	5/15/99
Susp. Solids	30 day avg.	293.6 mg/l	12 mg/l	6/99
Susp. Solids	30 day load.	78.6 kg/d	4.5 kg/l	6/99
Susp. Solids	7 day avg.	21.0 mg/l	18.0 mg/l	6/8/99
Susp. Solids	7 day load.	7.8 kg/d	6.8 kg/d	6/8/99
Susp. Solids	7 day avg.	895 mg/l	18.0 mg/l	6/15/99
Susp. Solids	7 day load.	227 kg/d	6.8 kg/d	6/15/99
NH ₃	30 day avg.	5.0 mg/l	1.5 mg/l	6/99
NH ₃	30 day load.	1.96 kg/d	0.5 kg/d	6/99
Susp. Solids	30 day avg.	26.3 mg/l	12.0 mg/l	7/99
Susp. Solids	30 day load.	10.7 kg/d	4.5 kg/d	7/99
Susp. Solids	7 day avg.	20.0 mg/l	18.0 mg/l	7/7/99
Susp. Solids	7 day load.	9.3 kg/d	6.8 kg/d	7/7/99
Susp. Solids	7 day avg.	30.1 mg/l	18.0 mg/l	7/15/99
Susp. Solids	7 day load.	12.9 kg/d	6.8 kg/d	7/15/99
Susp. Solids	7 day avg.	42.0 mg/l	18.0 mg/l	7/22/99
Susp. Solids	7 day load.	16.2 kg/d	6.8 kg/d	7/22/99
NH ₃	30 day avg.	6.6 mg/l	1.5 mg/l	7/99
NH ₃	30 day load.	2.5 kg/d	0.5 kg/d	7/99
pH	Daily conc.	4 values down to 6.3 S.U.	6.5-9.0 SU	Jul.23,24,28, 29, 1999

<u>PARAMETER</u>	<u>FREQUENCY</u>	<u>REPORTED</u>	<u>PERMIT</u>	<u>DATE</u>
Susp. Solids	7 day avg.	22.0 mg/l	18.0 mg/l	8/7/99
NH ₃	30 day avg.	4.3 mg/l	1.5 mg/l	8/99
NH ₃	30 day load.	1.6 kg/d	0.5 kg/d	8/99
Fecal Coliform	7 day conc.Max.	4200#/100ml	2000#/100ml	8/8/99
Susp. Solids	30 day avg.	29.0 mg/l	12.0 mg/l	9/99
Susp. Solids	30 day load.	7.4 kg/d	4.5 kg/d	9/99
Susp. Solids	7 day avg.	35.3 mg/l	18.0 mg/l	9/8/99
Susp. Solids	7 day load.	10.6 kg/d	6.8 kg/d	9/8/99
Susp. Solids	7 day avg.	38.2 mg/l	18.0 mg/l	9/15/99
Susp. Solids	7 day load.	8.1 kg/d	6.8 kg/d	9/15/99
Susp. Solids	7 day avg.	35.3 mg/l	18.0 mg/l	9/22/99
Susp. Solids	7 day load.	7.6 kg/d	6.8 kg/d	9/22/99
Diss. Oxygen	Daily conc.	4 Values down to 4.0 mg/l	>5.0 mg/l	Sep.20,22,23, 27, 1999
Fecal Coliform	7 day avg.	15,000#/100 ml	2000#/100 ml	9/8/99
Susp. Solids	7 day avg.	21.9 mg/l	18.0 mg/l	11/8/99
Susp. Solids	30 day avg.	40.1 mg/l	12.0 mg/l	12/99
Susp. Solids	30 day load.	14.3 kg/d	4.5 kg/d	12/99
Susp. Solids	7 day avg.	109.5 mg/l	18.0 mg/l	12/8/99
Susp. Solids	7 day load.	48.9 kg/d	6.8 kg/d	12/8/99
Susp. Solids	7 day avg.	20.3 mg/l	18.0 mg/l	12/22/99
CBOD ₅	30 day avg.	13.4 mg/l	10.0 mg/l	12/99
CBOD ₅	30 day load.	4.1 kg/d	3.8 kg/d	12/99
CBOD ₅	7 day avg.	31.1 mg/l	15.0 mg/l	12/8/99
CBOD ₅	7 day load.	13.7 kg/d	5.7 kg/d	12/8/99
Susp. Solids	30 day avg.	13.2 mg/l	12.0 mg/l	1/00
Diss. Oxygen	Daily conc.	6 Values down to 4.0 mg/l	>5.0 mg/l	Jan.4,5,10,11, 12,13, 2000
Susp. Solids	30 day avg.	27.3 mg/l	12.0 mg/l	2/00
Susp. Solids	30 day load.	8.8 kg/d	4.5 kg/d	2/00
Susp. Solids	7 day avg.	21.5 mg/l	18.0 mg/l	2/8/00
Susp. Solids	7 day avg.	46.6 mg/l	18.0 mg/l	2/15/00
Susp. Solids	7 day load.	12.9 kg/d	6.8 kg/d	2/15/00
Susp. Solids	7 day avg.	26.2 mg/l	18.0 mg/l	2/22/00
Susp. Solids	7 day load.	13.3 kg/d	6.8 kg/d	2/22/00
CBOD ₅	30 day avg.	14.7 mg/l	10.0 mg/l	2/00
CBOD ₅	30 day load.	4.5 kg/d	3.8 kg/d	2/00
CBOD ₅	7 day avg.	27.4 mg/l	15.0 mg/l	2/15/00
CBOD ₅	7 day load.	7.6 kg/d	5.7 kg/d	2/15/00
CBOD ₅	7 day load.	6.2 kg/d	5.7 kg/d	2/22/00
Diss. Oxygen	Daily conc.	4 Values down to 4.0 mg/l	>5.0 mg/l	2/1,2,3,18/00

<u>PARAMETER</u>	<u>FREQUENCY</u>	<u>REPORTED</u>	<u>PERMIT</u>	<u>DATE</u>
NH ₃	30 day avg.	9.2 mg/l	6.8 mg/l	3/00
Susp. Solids	30 day avg.	15.8 mg/l	12.0 mg/l	3/00
Diss. Oxygen	Daily conc.	2 Values down to 4.0 mg/l	>5.0 mg/l	Mar. 2,3, 2000
NH ₃	30 day avg.	8.75 mg/l	6.8 mg/l	4/00
NH ₃	30 day load.	2.6 kg/d	2.5 kg/d	4/00
Susp. Solids	30 day avg.	57.6 mg/l	12.0 mg/l	4/00
Susp. Solids	30 day load.	12.5 kg/d	4.5 kg/d	4/00
Susp. Solids	7 day avg.	50.0 mg/l	18.0 mg/l	4/8/00
Susp. Solids	7 day load.	15.5 kg/d	6.8 kg/d	4/8/00
Susp. Solids	7 day avg.	131.2 mg/l	18.0 mg/l	4/22/00
Susp. Solids	7 day load.	23.1 kg/d	6.8 kg/d	4/22/00
CBOD ₅	30 day avg.	22.4 mg/l	10.0 mg/l	4/00
CBOD ₅	30 day load.	5.3 kg/d	3.8 kg/d	4/00
CBOD ₅	7 day avg.	23.2 mg/l	15.0 mg/l	4/8/00
CBOD ₅	7 day load.	7.2 kg/d	5.7 kg/d	4/8/00
CBOD ₅	7 day avg.	60.0 mg/l	15.0 mg/l	4/22/00
CBOD ₅	7 day load.	10.4 kg/d	5.7 kg/d	4/22/00
Fecal Coliform	30 day avg.	2700#/100 ml	1000#/100 ml	5/00
Fecal Coliform	7 day avg.	2700#/100 ml	2000#/100 ml	5/8/00
Cl ₂ Residual	Daily conc.	0.1 mg/l	0.019 mg/l	5/11/00
NH ₃	30 day avg.	6.6 mg/l	1.5 mg/l	6/00
NH ₃	30 day load.	1.9 kg/d	0.5 kg/d	6/00
Susp. Solids	30 day conc.	27.4 mg/l	12.0 mg/l	6/00
Susp. Solids	30 day load.	7.5 kg/d	4.5 kg/d	6/00
Susp. Solids	7 day avg.	34.8 mg/l	18.0 mg/l	6/8/00
CBOD ₅	30 day avg.	12.5 mg/l	10.0 mg/l	6/00
NH ₃	30 day avg.	2.94 mg/l	1.5 mg/l	7/00
NH ₃	30 day load.	1.0 kg/d	0.5 kg/d	7/00
Susp. Solids	30 day avg.	54.6 mg/l	12.0 mg/l	7/00
Susp. Solids	30 day load.	18.0 kg/d	4.5 kg/d	7/00
Susp. Solids	7 day avg.	80.0 mg/l	18.0 mg/l	7/1/00
Susp. Solids	7 day load.	29.6 kg/d	6.8 kg/d	7/1/00
Susp. Solids	7 day avg.	100.0 mg/l	18.0 mg/l	7/8/00
Susp. Solids	7 day load.	28.1 kg/d	6.8 kg/d	7/8/00
Susp. Solids	7 day avg.	42.1 mg/l	18.0 mg/l	7/22/00
Susp. Solids	7 day load.	17.7 kg/d	6.8 kg/d	7/22/00
CBOD ₅	30 day avg.	20.8 mg/l	10.0 mg/l	7/00
CBOD ₅	30 day load.	6.6 kg/d	3.8 kg/d	7/00
CBOD ₅	7 day avg.	48.9 mg/l	15.0 mg/l	7/1/00
CBOD ₅	7 day load.	18.1 kg/d	5.7 kg/d	7/1/00
CBOD ₅	7 day avg.	32.4 mg/l	15.0 mg/l	7/8/00
CBOD ₅	7 day load.	8.3 kg/d	5.7 kg/d	7/8/00

<u>PARAMETER</u>	<u>FREQUENCY</u>	<u>REPORTED</u>	<u>PERMIT</u>	<u>DATE</u>
Diss. Oxygen	Daily conc.	12 Values down to 4.0 mg/l	>5.0 mg/l	July 14,17,18, 19,20,21,24,25 ,26,27,28,31, 2000

(NEW NPDES PERMIT INTERIM EFFLUENT LIMITS EFFECTIVE 8/1/00)

<u>PARAMETER</u>	<u>FREQUENCY</u>	<u>REPORTED</u>	<u>PERMIT</u>	<u>DATE</u>
Susp. Solids	30 day avg.	25.6 mg/l	20.0 mg/l	8/00
Susp. Solids	30 day load.	9.4 kg/d	7.6 kg/d	8/00
Susp. Solids	7 day avg.	46.0 mg/l	30.0 mg/l	8/1/00
Susp. Solids	7 day load.	20.7 kg/d	11.4 kg/d	8/1/00
Fecal Coliform	7 day avg.	3000#/100 ml	2000#/100 ml	8/8/00
Diss. Oxygen	Daily conc.	10 Values down to 4.0 mg/l	>5.0 mg/l	Aug.1,7,8,9,10 ,11,14,16,17, 18, 2000
Susp. Solids	30 day avg.	22.0 mg/l	12.0 mg/l	10/00
Diss. Oxygen	Daily conc.	11 Values down to 4.1 mg/l	>5.0 mg/l	Oct.6,9,16,17, 18,19,20,23,24 ,25,26, 2000
Susp. Solids	30 day avg.	21.9 mg/l	20.0 mg/l	11/00
Susp. Solids	30 day load.	9.2 kg/d	7.6 kg/d	11/00
Susp. Solids	7 day avg.	34.0 mg/l	30.0 mg/l	11/1/00
Susp. Solids	7 day load.	13.6 kg/d	11.4 kg/d	11/1/00
Susp. Solids	7 day conc.	40.1 mg/l	30.0 mg/l	11/8/00
Susp. Solids	7 day load.	18.7 kg/d	11.4 kg/d	11/8/00
Diss. Oxygen	Daily conc.	3 Values down to 4.0 mg/l	>5.0 mg/l	Nov.1,2,15, 2000
Susp. Solids	7 day avg.	38.0 mg/l	30.0 mg/l	12/15/00
Susp. Solids	30 day avg.	23.6 mg/l	20.0 mg/l	1/01
Susp. Solids	30 day avg.	30.2 mg/l	20.0 mg/l	3/01
Susp. Solids	30 day avg.	24.8 mg/l	20.0 mg/l	8/01
Susp. Solids	30 day avg.	21.4 mg/l	20.0 mg/l	9/01

**** NO 7 DAY AVERAGE CONCENTRATION, 7 DAY LOADING, OR 30 DAY LOADING DATA AVAILABLE SINCE JANUARY 2001. NH₃ would be in significant violation of (final) effluent limits every month at the current treatment levels. However, since the Interim Effluent Table has no NH₃ concentration limits, violations for NH₃ are not apparent. ****