40 years and moving forward

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

June 20, 2013

RE: MAHONING COUNTY
CHAPARRAL FAMILY CAMPGROUND
NPDES PERMIT 3PR00346
SFY 2013 CEI

Tim Armbruster, Owner
Chaparral Family Campground
10136 Middletown Road
Salem, OH 44460

Mr. Armbruster:

On June 10, 2013, this writer conducted an unannounced Compliance Evaluation Inspection (CEI) of the wastewater treatment system for the Chaparral Family Campground. Following is a list of observations and discussions during the inspection.

1) The aeration tank content was medium brown color and well mixed. The return sludge was discharging from both return lines. The return sludge was also medium brown,

2) The clarifier was covered with duck weed; but, the effluent was clear. No scum or sludge was apparent near the effluent weir. The weir and trough were both free of sludge and scum. No discharge from the clarifiers was occurring at the time of the inspection.

3) The south dosing pump was not connected to the filter transfer pipe. Two dosing pumps must be present at the treatment system at all times in accordance with Part III.3 of the permit. An operable dosing pump should be installed no later than June 30, 2013 so that two pumps are available to transfer wastewater to the sand filters.

4) The southeast filter appeared to be the active filter. The northwest filter was in the process of being cleaned. The distribution pipe from the distribution box to the splash plate was lying on the edge of the filter. The northeast filter still needed cleaned and weeded.

5) The December 7, 2009 Directors Final Findings and Orders required that two blowers be available for aerating the aeration tank and for operating the air lift pumps. During the inspection, two blowers were in place at the treatment system. However, the east blower did not appear to be connected to the air distribution system. It was understood that the blower is being repaired and will be operational soon. Please inform this office when the blower is made operational ad connected to the distribution system. It is anticipated that the blower will be available to supply air by the end of June 2013.

6) The chlorination and dechlorination tablets were identified in the dispensing tubes. The chlorination tablets were in contact with the wastewater flowing through the system. The construction of the dechlorination system precludes confirming contact between the wastewater and tablets. It is recommended that the system be periodically checked to confirm that wastewater is in contact with the tablets.

Finally, a compliance review was conducted for the period covering June 2009 through August 2010. Page 4 of this inspection report provides a summary of the reported violations.

You may contact this writer at (330) 963-1251 to discuss any questions you may have regarding this letter.

Respectfully,

John Kwolek
District Engineer
Division of Surface Water

JK/cs

cc. John Lubonovic, Mahoning County Department of Health

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
3PR00346	*OH0133388*	*CEI*	*S*	*P*
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
6/10/2013	*1:30 pm*	*2:30 pm*	*Yes*	*No*

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Chaparral Family Campground	*3/1/2011*
	Permit Expiration Date
	2/29/2016
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
None available	
Name and Title of Responsible Official	Phone Number
Tim Armbruster, Owner	*(330) 332-9381*

SECTION C: AREAS EVALUATED DURING INSPECTION

Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Eval., N/A = Not Available

S	NPDES Compliance	
M	Operations & Maintenance	BLOWER AND DOSING PUMP NEED REPAIRED
S	Facility Site Review	
N	Collection System	
NA	Flow Measurement	
S	Receiving Waters	
N	Laboratory	

Comments:

Signatures

John Kwolek, Inspector
District Engineer
Division of Surface Water
Northeast District Office

Date

Compliance Data for Chaparral Family Campground between 4/1/2012 to 7/1/2013

Summary

Permit Effluent Limit Violations: 2
Permit Effluent Code Violations: 0
Permit Effluent Frequency Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2012	001	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.38	7/1/2012
July 2012	001	Nitrogen, Ammonia (NH3	7D Conc	1.5	2.38	7/1/2012

*The facility has 1 missing data report.

Station	Required Report Period	DMR Received
001	June 2013	No

SECTION D: PERMIT VERIFICATION

(a) Correct name and mailing address of permittee ..... Y
(b) Correct name and location of receiving waters ..... Y
(c) Products and production rates conform with permit application ..... N/A
(d) Flows and loadings conform with NPDES permit ..... N/A
(e) Treatment processes are as described in permit application ..... Y
(f) New treatment process 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:

SECTION E: COMPLIANCE

(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 ..... Y
(d) Permittee is meeting compliance schedule ..... Y

Comments:

SECTION F: OPERATION AND MAINTENANCE

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

Comments: ***Blower and dosing pump out of order***

SECTION I: SLUDGE MANAGEMENT

a) Sludge management plan (SMP) last audited by Ohio EPA:
Audit Date:
b) Sludge adequately disposed ..... Y
Method: ***To Struthers POTW when necessary***
c) If sludge is incinerated, where is ash disposed of ..... N
d) Is sludge disposal contracted..... Y
Name: N/E
e) Has amount of sludge generated changed significantly..... N
f) Adequate sludge storage provided at plant..... N
g) Records kept in accordance with State and Federal law..... N/E
h) Any complaints received last year regarding sludge ..... N
i) Is sludge adequately processed (digestion, pathogen control) ..... Y

Comments:

SECTION J: SELF-MONITORING PROGRAM

a) Sampling location(s) are as specified by permit..... Y
b) Parameters and sampling frequency agree with permit ..... Y
c) 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

Comments:

SECTION L: EFFLUENT/RECEIVING WATER OBSERVATIONS

Outfall Number	Outfall sign in place	Oil Sheen	Grease	Turbidity	Foam	Solids	Color	Other
001	N/R	N	N	N	N	N	N	

Comments:
N/R – Not Required