



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director



1PV0011820100709

CHAMPAIGN A&R RECK SUNSET TERRACE MHP

REYNOLDS, JOSEP 2010/07/09



**Environmental
Protection Agency**

Rep. Wickham, Governor
Lieke Fisher, Lt. Governor
Chris Koneski, Director

July 8, 2010

Mr. Alex Reck
5385 Croft Mill Road
Bradford, Ohio 45308

**RE: ~~Sunset Terrace~~ Waste Water Treatment Plant, Reconnaissance Inspection /
Notice of Violation.**

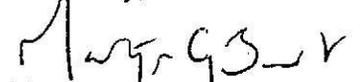
Dear Mr. Reck:

On July 2, 2010, Joe Reynolds conducted a Reconnaissance Inspection at the Sunset Terrace MHP waste water treatment plant. The inspection was conducted in follow-up to a complaint of problems with the waste water treatment system.

The findings from this inspection are included in the attached report. The report includes three items that require a response. Please provide a written response to these items by no later than August 9, 2010.

If you have any questions regarding the report, you may contact Joe Reynolds at (937) 285-6097.

Sincerely,


Martyn G. Burt
Division of Surface Water

Enclosure

cc: Champaign County Health Department



State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

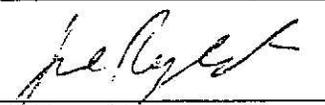
Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PV00118	OH0132098	7/2/2010	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Sunset Terrace MHP 4071 State Route 68 South Urbana, Ohio 43078	12:50 PM	4/1/2010
	Exit Time	Permit Expiration Date
	2:00 PM	3/31/2015
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Alex Reck (Owner), Gary Lutz (Head Maintenance) Jeff Webb, Russ Wellman (Champaign Co. Hlt.)		(937) 418 - 0166
Name, Address and Title of Responsible Official		Phone Number
Mr. Alex Reck (Owner) 5385 Croft Mill Road Bradford, Ohio 45308		(937) 418 - 0166

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	N	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	S	Compliance Schedule
M	Operations & Maintenance	S	Effluent/Receiving Waters	N	Self-Monitoring Program
M	Facility Site Review	M	Sludge Storage/Disposal	N	Other
N	Collection System				

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

See Attached Report.

Inspector	Reviewer
 7/8/10	 7/8/10
Joe Reynolds Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office

Inspection Findings

On Friday July 2, 2010 representatives of the Ohio EPA and Champaign County Health Department inspected the Sunset Terrace waste water treatment system. Present during the inspection were park representatives Alex Reck (Owner), and Gary Lutz (head of Maintenance). Robin Reck (not present) is the Operator of Record for the plant. Representatives from the Champaign County Health Department included Jeff Webb and Russ Wellman.

The Sunset Terrace waste water treatment system is a package treatment system. The system consists of an equalization tank, aeration tank, clarifier, two sand filters, UV disinfection, and aerated sludge holding. The system is designed to treat 10,000 gpd of waste water.

National Pollutant Discharge Elimination System (NPDES) permit number 1PV00118*BD was issued to Sunset Terrace on February 25, 2010. This permit will expire on March 31, 2015.

Findings and Orders were issued to the park owner in April, 2010 to address effluent violations and schedule of compliance violations. Mr. Reck is currently in compliance with the schedule dates. A waste water treatment system design review was submitted on June 3, 2010. The Operator of Record schedule was submitted on June 3, 2010. Mr. Reck is making penalty payment (installments) in accordance with the schedule.

A review of the Electronic Discharge Monitoring Records (EDMR's) from January 1, 2009 through May 31, 2010 revealed two suspended solids violations.

Facility Inspection

The access steps to the flow equalization tank and sludge holding tank are broken. The steps need to be repaired to allow safe access to this part of the treatment system.

The flow equalization tank is operated on a float system. With this set-up the tank does not function as an equalization system.

The sludge holding tank air valve was turned off. As a result the sludge tank had turned septic. Upon discovery the valve was opened and the tank was beginning to mix. Septic odors were noted.

Facility Inspection (continued)

The aeration tank was being mixed uniformly. There are two blowers (one serves as a back-up) that provide air to the system. The belt had to be tightened on the back-up blower. The mixed liquor appeared dark brown. A visible floc started to form after the aeration was shut off.

The South and West walls of the aeration tank have been sealed with a plastic material and adhesive. The seal is beginning to weather and has separated from the wall in a few locations. Four support bars were run between the North and South walls to add support to the South wall. This tank will need to be inspected on a regular basis to ensure the South wall does not fail, and to ensure the tank does not leak. These inspections should be recorded in the maintenance log.

Waste water flows are down due to park vacancies, so there was no discharge from the clarifier. The clarifier had ash solids on the surface. The tank had a visible clear zone beyond two feet.

The tertiary dosing chamber has two pumps. The tank was pumped down. Mr. Lutz activated one of the pumps to verify function and connection to the tertiary filters.

Both tertiary sand filters were overgrown with weeds. The filters were dry. Minimal solids were on the surface.

Filter effluent travels to the UV disinfection system. From the UV system flow discharges to Moore Run.

A layer of silt was noted on the stream bottom at the final effluent. Recent work on the road culvert is believed to have been a contributing source. There was no discharge at the time of the inspection.

Items Requiring a Response

1. The access stairs to the preliminary treatment / sludge wasting systems need to be repaired.
2. Both tertiary sand filters need to be cleaned. All vegetative growth should be removed from the filters. Weed killers should not be used due to potential access / impacts to the stream through the final effluent system.
3. A means of equalizing flows should be evaluated to allow for a more uniform diurnal flow through the plant. A Permit to Install must be obtained prior to the installation of new systems.

From: Andy Russell <Andy.Russell@odh.ohio.gov>
To: "joe.reynolds@epa.state.oh.us" <joe.reynolds@epa.state.oh.us>
Date: 6/17/2010 8:47 AM
Subject: Sunset Terrace

Hey Joe,

I went out on a complaint yesterday (6/16) at Sunset Terrace, a manufactured home park on US 68 Sout of Urbana. This park had a new treatment system installed a few years back and is owed by Alex Reck.

The complaint was from a tennant within the park about the noise from this system, and that the treatment system had recently been altered.

Upon an inspection, I did find it to be a little loud. What I found to be more questionable was that additional piping appeared to have been added to dump waste water back into a holding tank that was not in the past. The sand filters appeared to not be in use and had vegetation growing in the sand. When standing down wnd from the area, the smell of effluent was rather strong.

Have you had any involvement with this recently? If you inspect, I would like to meet up with you on sight.

Thanks,
Andy Russell
Champaign Health District

