



**Environmental  
Protection Agency**

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



\*1PX0004220080730\*

CLARK

BEAVER VALLEY RESORTS

LEIBFRITZ, SANDRA 2008/07/30



State of Ohio Environmental Protection Agency

Southwest District Office

401 East Fifth Street  
Dayton, Ohio 45402-2911  
Chris Korleski, Director

TELE: (937) 285-6357 FAX: (937) 285-6249  
[www.epa.state.oh.us](http://www.epa.state.oh.us)

Ted Strickland, Governor  
Lee Fisher, Lt. Governor

July 29, 2008

Stephen Shaffer  
112 Longbranch Road  
Winter Park, FL 32792

**RE: Beaver Valley Resorts WWTP – NPDES No. 1PX00042\*AD/OH0134031  
Compliance Evaluation Inspection – Clark County  
Notice of Violation – March 2008 through June 2008**

Dear Mr. Shaffer:

On July 25, 2008, Sandra Leibfritz conducted an inspection at Beaver Valley located at 6725 East National Road, Springfield, Ohio. Mr. Dan Leavitt and Don Rodman were representing the facility. The aeration and settling tanks were rated as marginal due to severe corrosion of these tanks. Immediately submit a Permit-to-Install (PTI) and detail plans to replace these tanks. This item is remaining from the previous inspection conducted on April 12, 2007. The remaining areas that were evaluated were rated as satisfactory.

During the inspection, the north side of the fence surrounding the plant was partially removed for construction activities. Please provide written notification when the fence has been installed. This item is also remaining from the previous inspection conducted on April 12, 2007.

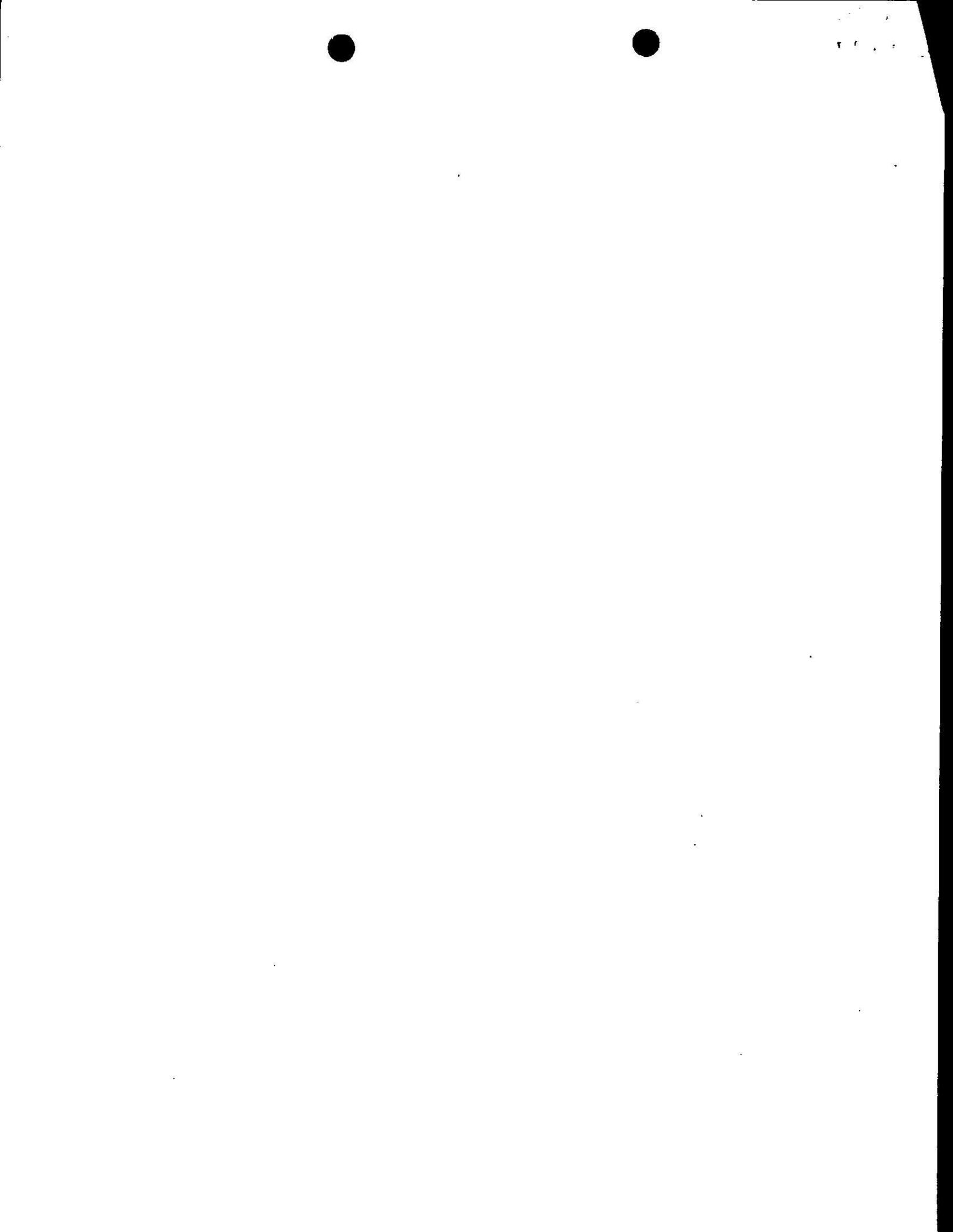
During the inspection, you requested information on the City of Springfield's intent to extend sewers to Harmony, Ohio. I contacted Leo Shanayda, Springfield's City Engineer. Mr. Shanayda indicated that there are no immediate plans to serve this area. Any sewer extension to this area would be driven by development. It is our understanding that the City does not have any projects planned for this area in the near future. To confirm this understanding, you might want to call Mr. Shanayda at (937) 324-7310.

If you should have any questions about the inspection, please call Ms. Leibfritz at (937) 285-6104 or me at (937) 285-6034.

Sincerely,

Martyn G. Burt  
Environmental Supervisor  
Division of Surface Water

cc: Clark County Health Department  
Dan Leavitt, Operator  
Don Rodman, Beaver Valley





State of Ohio Environmental Protection Agency  
Southwest District Office

NPDES Compliance Inspection Report  
Semi-Public Sewage Disposal Inspection Form

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PX00042*AD	OH0134031	07/25/08	C	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
VIP World Resorts Inc. Beaver Valley Resorts 6725 East National Road South Charleston, OH 45368	9:00 a.m.	March 1, 2004
	Exit Time	Permit Expiration Date
	10:15 a.m.	February 28, 2009
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Dan Leavitt, Operator Don Rodman, Manager	(740) 852-0279 (937) 324-3263	
Name(s), Address and Title(s) of Operator of Record	Phone Number(s)	
Dan Leavitt, Operator 9 Graham Avenue London, OH 43140	(740) 852-0279	
Name, Address and Title of Responsible Official	Phone Number	
Stephen Shaffer 112 Longbranch Road Winter Park, FL 32792	(407) 774-1756	

Ohio EPA Inspector	Ohio EPA Reviewer
<i>Sandra D. Leibfritz</i> 7/25/08 Date	<i>Martyn Burt</i> 7/30/08 Date
Sandra D. Leibfritz Division of Surface Water Southwest District Office	Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office





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Average Daily Design Flow:	22,000 Gallons/Day
Plant Serves:	353 lots (12 permanent lots)
Average Daily Flow: (Period of Review):	10,000Gallons/Day (January 2007 through December 2008)
Method of flow monitoring:	Hour meter on pumps of lift station
Type of alarms for plant:	Visual alarm

**Equalization Basin - NA**

Two Pumps present: N/A  
 Both Pumps operational: N/A  
 Alarm present: N/A  
 Alarm operational: N/A  
 Maintenance of equalization basin is: NA

**Comments/Status:**

An equalization basin is not present. There is a lift station after the trash traps, but prior to the aeration tank. There are two pumps in the lift station with a visual alarm. One pump is out for repairs and will be placed back on-line before July 31<sup>st</sup>.

**Pretreatment**

Type of Pretreatment: Trash Trap  
 Does the Trash Trap need pumped: No  
 Maintenance of pretreatment components is: Satisfactory

**Comments/Status:**

Dooley's Sanitation pumps the trash trap at the beginning of each season.

**Secondary Treatment (Aeration)**

Color of sludge: Dark  
 Quality of Sludge: Heavy  
 Foam: None present  
 Odor: No objectionable odor present

	Yes	No		Yes	No
Aeration is taking place	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plant is septic	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blowers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Blowers are on a timer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Skimmers are operating	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plant is flooded	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diffusers are operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grating is present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sludge return is operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Condition of grating: <b>Rusted</b>		



Maintenance of aerating equipment is...**Marginal**

**Comments/Status:**

The aeration tank is severely corroded and in need of replacement.  
 The two blowers are alternated.  
 There are 2 skimmers. One of the skimmers is inoperable due to a broken air line. This line is scheduled to be fixed by July 31<sup>st</sup>.  
 There are 2 RAS lines – both are operating and returning dark brown solids.

**Secondary Treatment  
(Settling)**

Clarity: **Clear with some solids**  
 Condition of Weir: **Corroded**  
 Weir is level: **No**  
 Effluent in weir: **Clear**  
 Clarifier walls need scraped: **No**

Overall maintenance of settling components is: **Marginal**

**Comments/Status:**

The clarifier is severely corroded and in need of replacement.  
 Ashing was observed on the surface of the clarifier. These solids were overflowing the weirs.  
 The operator scraps the side walls of the clarifier twice a week.

**Tertiary Treatment**

	Yes	No		Yes	No
Surface sand Filters: <b>Slow</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Subsurface</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Distribution box operating	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Beds alternated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are filters ponding/flooding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Beds raked	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sand filters overgrown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ultraviolet Disinfection	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UV present	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Overall maintenance of components is: **Satisfactory**

**Comments/Status:**

Both sand filters contained weeds. The operator has covered a small section of the sand filter to see if this helps control the weeds. Both beds need to be weeded. The sand was not level in either bed. Both beds need to be raked.

**Sludge Handling/Storage Disposal**

Hauler name: **Dooley Sanitation**  
 Disposal Site:  
 Sludge wasted from:  
 How often is sludge wasted: **Does not waste solids**  
 Sludge drying beds: **No**                      Sludge holding tank: **No**



Permit #: 1PX00042\*AD  
NPDES #: OH0134031

Overall maintenance of components is: **N/E**

**Comments/Status:**

Sludge has not been wasted from the plant for at least the past three years. The operator stated that a settleometer test is run weekly to determine if sludge wasting is necessary. The operator stated that the plant needs seeding every spring. In general, the plant operates May through September.

**Receiving Stream/Plant Discharge**

Discharge point is a: **Stream**  
Name of discharge point: **Beaver Creek**  
Discharge is visible: **No**                      Quality of Effluent: **Clear**

Overall rating of plant discharge: **Satisfactory**

**Comments/Status:**

There is an inspection port after the sand filters. The effluent at this location was clear.

**EFFLUENT LIMIT VIOLATIONS for OUTFALL 1PX00042001  
(Period of Review: March 2008 through June 2008)**

7D = Weekly    30D = Monthly    1D = Daily    Conc. = Concentration (mg/l)    Qty.= Quantity (Kg/Day)

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2008	Nitrogen, Ammonia (NH3)	30D Conc	1.0	16.1	5/1/2008
May 2008	Nitrogen, Ammonia (NH3)	30D Qty	0.08	.97502	5/1/2008
May 2008	Nitrogen, Ammonia (NH3)	7D Conc	1.5	16.1	5/22/2008
May 2008	Nitrogen, Ammonia (NH3)	7D Qty	0.12	.97502	5/22/2008
June 2008	Dissolved Oxygen	1D Conc	7.0	6.8	6/24/2008

**General Comments:**

When Beaver Valley's NPDES permit is renewed, there will be new requirements in Part II regarding treatment works classification and staffing requirements. Beaver Valley's wastewater treatment plant will be reduced to a Class A instead of a Class I as per rule OAC 3745-7-04. In addition, you will be required to maintain a log book to record the number of hours that your operator of record is physically at the plant. The operator of record for a Class A is required to be at the plant at a minimum of 2 days per week for at least 1 hour per week.

