



Environmental  
Protection Agency

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

Re: Richland County  
Snow Trails  
NPDES Permit

June 15, 2011

Mr. David Carto, Owner  
Snow Trails Ski Area  
P. O. Box 1456  
Mansfield, Ohio 44901

Dear Mr. Carto:

On June 8, 2011, an inspection was made of the wastewater treatment facilities serving the Snow Trails ski area located at 3100 O' Possum Run Road, Mansfield, Richland County. At the time of the inspection the wastewater treatment plant was not operational as the blower timer was in the off position.

A review of the discharge monitoring reports submitted to our office for December 2010, through April 2011, revealed several violations of the limits contained in your NPDES discharge permit. A printout of these violations has been included for your review.

Your renewal NPDES permit should be issued final in the next few days. Please be sure to take notice in the change of bacteria sampling from fecal coliform to e-coli as well as the certified operator staffing requirements.

If you have any questions, please contact me at 419-373-3070. A completed copy of our inspection report has been included for your review.

Sincerely,

Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/llr

Enclosure

pc: [DSW-NWDO w/enclosure  
McGhee's Technical Water Service Inc. w/enclosure

Get New Data

## Snow Trails NPDES permit limit violations December 2010 through April 2011

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00220*AD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	41.7	1/1/2011
2PR00220*AD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.142	.91544	1/1/2011
2PR00220*AD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	41.7	1/12/2011
2PR00220*AD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.19	.91544	1/12/2011
2PR00220*AD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	29.2	2/1/2011
2PR00220*AD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.142	.2542	2/1/2011
2PR00220*AD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	29.2	2/9/2011
2PR00220*AD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.19	.2542	2/9/2011
2PR00220*AD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	21.5	3/1/2011
2PR00220*AD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.0	21.5	3/17/2011
2PR00220*AD	April 2011	001	00530	Total Suspended Solids	30D Conc	12	14.8	4/1/2011

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION  
WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00220

Facility Name Snow Trails Expiration Date 5/31/2011  
 Facility Address 3106 O'possum Run Rd Date 6/8/11 Time 1:30 am (pm)  
 City Hansfield County Richland Township \_\_\_\_\_  
 Name and Address of Owner David Carro  
 Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_  
 Flow: Design 12,000 GPD Present 2000-17,000 GPD (metered - estimated)  
 Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 93° sun  
 OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Possum Run - not observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has  excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has  excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have  excellent \_\_\_\_\_ good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance

d. Not operating at expected efficiency due to:

- (1) \_\_\_\_\_ hydraulic overload  
 (2) \_\_\_\_\_ organic/ solids overload  
 (3) \_\_\_\_\_ personnel inefficiency  
 (4) \_\_\_\_\_ equipment failure  
 (5) \_\_\_\_\_ wastes  
 (6) \_\_\_\_\_

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<input checked="" type="checkbox"/>	_____ U.V.

Yes No

4.  Compliance with NPDES Permit: \_\_\_\_\_  
 Periodic Violations  N NH3 Parameters: \_\_\_\_\_  
 Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name McBride's TWSI

Frequency of Visits 1/week

Facility Name: Snow Trails

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Purping Frequency: <i>pumped twice last year</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	2	Flow Equalization	<i>okay</i>
Aeration Equipment		Plant Timer <del>Y</del> <u>N</u>	Cycle Time:
	2	Motor/ Blower Unit <i>off</i>	
Secondary Treatment	2	Aeration Tank	Color: Adequate Aeration: Y <u>  </u> N <u>  </u>
Final Settling	2	Clarifier	<i>good clarity</i>
	2	Sludge Return	In <u>  </u> Out <u>2</u>
	2	Surface Skimmer	In <u>  </u> Out <u>2</u>
	2	Fixed Media Clarifier	<i>In service</i>
Tertiary Treatment	2	Surface Sand Filter	<i>Both filters very clean</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	2	Ultraviolet (UV)	<i>on - UV tanks very clear</i>
Flow Metering	2	Elapsed Pump Time	<i>on filter dosing pumps</i>
		Recorder (continuous total)	
Pumps	2	<del>Raw Wastewater (400)</del> Flow EQ	<i>okay</i>
	2	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	2	Aerated Storage Tank	<i>1/2 full</i>
		Sludge Drying Bed	
Sludge Disposal	2	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	2	Post Aeration	<i>off</i>
		Spray Irrigation	
		Other	