



**Environmental  
Protection Agency**

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

Re: **Notice of Violation**  
Richland County  
Snow Trails  
NPDES permit

September 14, 2012

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

Dear Mr. Carto:

On August 16, 2012, 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 (WWTP) was operating in a satisfactory manner. A visual inspection of the treatment units did not reveal any major concerns. The operator's log was reviewed during the inspection and found to be adequate.

It was noted that the level of water in clarifier tank was approximately two inches below the weir. This condition would either indicate that the tank is leaking water or that extreme evaporation is occurring. The cause of this condition should be investigated.

A review of the discharge monitoring reports submitted to our office for January through July 2012 revealed several **violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) discharge permit. A printout of these violations has been enclosed for your review. Your facility is currently in significant non-compliance (SNC).

A facility becomes in SNC when it exceeds the effluent limit for four or more months in two consecutive quarters or exceeds the effluent limit significantly in any two months during two consecutive quarters. Achieving compliance with Ohio's environmental laws is a primary focus of Ohio EPA in order to reduce risks to public health and welfare.

Before we initiate enforcement action, we would like to work with you to achieve satisfactory progress to bring this facility back into compliance. Within 21 days of the date of this letter, please submit, in writing, the actions that you propose to undertake in order to return your facility into compliance with your NPDES permit. You will also need to give us a timetable for these actions that does not extend past February 28, 2013. These actions and timetable may also be submitted by email to me at [walter.ariss@epa.state.oh.us](mailto:walter.ariss@epa.state.oh.us).

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Our office has had constructive dialog with the contract operator regarding the underlying cause of the non-compliance. It would be best to consult with your operator while preparing your response to our office.

If you wish to meet with us to discuss this matter, please contact me within 10 days of receiving this letter in order to set up a meeting.

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, P.E.  
Environmental Specialist II  
Division of Surface Water

/jlm

Enclosures

pc: McGhee's Technical Water Service Inc.

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY  
 OPERATION AND MAINTENANCE INSPECTION  
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2P000220

Facility Name Snow Trails Expiration Date 6/30/16  
 Facility Address 3100 Passum Run Rd Date 8/16/12 Time 3:00 am (pm)  
 City Mansfield County Richmond Township \_\_\_\_\_  
 Name and Address of Owner David Costa

Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_

Flow: Design 12,000 GPD Present 10,000-6,000 GPD (metered estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 84° cloudy

OEPA Personnel Walter Ariga 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: Passum Run

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

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
_____	_____
_____	_____
<input checked="" type="checkbox"/>	_____

Chlorination Tablets  
 Dechlorination Tablets  
 U.V.

Yes No

4.  Compliance with NPDES Permit

Periodic Violations  N Parameters: TSS  
 Chronic Violations  ammonia

5.  Adequate plant safety

6.  Operation and Maintenance Service Name MTWSE

Frequency of Visits Weekly

Facility Name: Snow Trails

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	X	Flow Equalization	okay
Aeration Equipment		Plant Timer X Y ___ N	Cycle Time:
	X	Motor/ Blower Unit <i>running</i>	<i>appears adequate</i>
Secondary Treatment	X	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <i>X</i> N ___
Final Settling	X	Clarifier	<i>good clarity</i>
		Sludge Return	<i>level in tank ~2" below weir</i>
	X	Surface Skimmer	In <i>X</i> Out <i>X</i> <i>one in, one out</i>
	X	Fixed Media Clarifier	In ___ Out <i>X</i>
Tertiary Treatment	X	Surface Sand Filter	<i>very clear effluent / slight layer of sludge on decking</i>
		Polishing Pond	<i>both very clean / west bed in use</i>
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<i>on</i>
Flow Metering	X	Elapsed Pump Time Recorder (continuous total)	<i>on filter dosing station</i>
		Raw Wastewater (type) <i>FLOWER</i>	
Pumps	X	<i>Raw Wastewater (type) FLOWER</i>	<i>okay</i>
	X	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	X	Aerated Storage Tank	<i>appears about 1/2 full</i>
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	

Get New Data		Snow Trails NPDES permit limit violations January through July 2012							
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date	
2PR00220*BD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	49.6	1/1/2012	
2PR00220*BD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.142	.43179	1/1/2012	
2PR00220*BD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	49.6	1/8/2012	
2PR00220*BD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.205	.43179	1/8/2012	
2PR00220*BD	February 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	48.3	2/1/2012	
2PR00220*BD	February 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	48.3	2/1/2012	
2PR00220*BD	February 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.142	.36563	2/1/2012	
2PR00220*BD	February 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.205	.36563	2/1/2012	
2PR00220*BD	March 2012	001	00530	Total Suspended Solids	30D Conc	12.0	15.	3/1/2012	
2PR00220*BD	March 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.2	3/1/2012	
2PR00220*BD	March 2012	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.2	3/22/2012	