

**Environmental
Protection Agency**

... Governor
... Lt. Governor
... Director



October 24, 2011

RE: SUMMIT COUNTY
SAGAMORE HILLS
BOSTON MILLS – BRANDYWINE
SKI RESORT
COMPLIANCE EVALUATION INSPECTION
OHIO EPA PERMIT NO. 3PR00481*AD

Ms. Jody Ream, General Manager
Boston Mills – Brandywine Ski Resort
1146 West Highland Road
Sagamore Hills, OH 44067

Dear Ms. Ream:

On October 19, 2011, a Compliance Evaluation Inspection (CEI) was conducted at the wastewater treatment plant serving Boston Mills – Brandywine Ski Resort. According to our files, the treatment plant consists of a 2250-gallon trash trap, a flow splitter, a 7000-gallon aerated flow equalization tank, two 8000 gpd extended aeration plants (total 16,000 gpd), a 1000-gallon dosing tank, a 1368-square foot surface sand filter, a 1834-gallon chlorination/dechlorination tank, a 2000-gallon sludge holding tank, two pump stations and force mains.

During the recent inspection of the treatment plant, the following deficiencies were noted:

1. The clarifiers appeared extremely turbid; this office would like an explanation from your wastewater treatment plant operator.
2. There was a heavy build-up of solids in the clarifier weirs. These solids should be pumped out as soon as possible.
3. The surface sand filters were full of weeds, leaves and solids. Please clean out the weeds and leaves as soon as possible. The dried solids should be raked out and disposed of with the remainder of the site's trash (ultimately ending up in solid waste landfill).

A review of the electronic Discharge Monitoring Reports (DMRs) submitted for the wastewater treatment plant from September 2009 through April 2011 revealed the following numeric effluent violations:

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2009	Dissolved Oxygen	1D Conc	6.0	3.3	9/1/2009
September 2009	Dissolved Oxygen	1D Conc	6.0	2.4	9/8/2009
September 2009	Dissolved Oxygen	1D Conc	6.0	2.5	9/15/2009
September 2009	Dissolved Oxygen	1D Conc	6.0	3.	9/22/2009
September 2009	Dissolved Oxygen	1D Conc	6.0	5.4	9/29/2009
October 2009	Dissolved Oxygen	1D Conc	6.0	4.3	10/6/2009

BOSTON MILLS – BRANDYWINE
 SKI RESORT
 SUMMIT COUNTY
 OCTOBER 24, 2011
 PAGE 2 OF 3

October 2009	Dissolved Oxygen	1D Conc	6.0	1.8	10/13/2009
October 2009	Dissolved Oxygen	1D Conc	6.0	1.9	10/20/2009
October 2009	Dissolved Oxygen	1D Conc	6.0	1.9	10/27/2009
December 2009	Dissolved Oxygen	1D Conc	6.0	5.8	12/22/2009
December 2009	Dissolved Oxygen	1D Conc	6.0	2.9	12/29/2009
January 2010	Total Suspended Solids	30D Conc	12	20.	1/1/2010
January 2010	Total Suspended Solids	7D Conc	18	20.	1/1/2010
January 2010	Nitrogen, Ammonia (NH3)	30D Conc	3.0	31.5	1/1/2010
January 2010	CBOD 5 day	30D Conc	10	21.5	1/1/2010
January 2010	CBOD 5 day	7D Conc	15	21.5	1/1/2010
January 2010	Dissolved Oxygen	1D Conc	6.0	3.4	1/5/2010
January 2010	Dissolved Oxygen	1D Conc	6.0	.1	1/12/2010
January 2010	Dissolved Oxygen	1D Conc	6.0	1.4	1/19/2010
January 2010	Nitrogen, Ammonia (NH3)	7D Conc	4.5	31.5	1/22/2010
January 2010	Dissolved Oxygen	1D Conc	6.0	4.3	1/26/2010
February 2010	Total Suspended Solids	30D Conc	12	24.	2/1/2010
February 2010	Nitrogen, Ammonia (NH3)	30D Conc	3.0	58.5	2/1/2010
February 2010	CBOD 5 day	30D Conc	10	11.8	2/1/2010
February 2010	Dissolved Oxygen	1D Conc	6.0	.1	2/2/2010
February 2010	Nitrogen, Ammonia (NH3)	7D Conc	4.5	58.5	2/8/2010
February 2010	Dissolved Oxygen	1D Conc	6.0	4.4	2/9/2010
February 2010	Dissolved Oxygen	1D Conc	6.0	.1	2/16/2010
February 2010	Total Suspended Solids	7D Conc	18	24.	2/22/2010
February 2010	Dissolved Oxygen	1D Conc	6.0	4.3	2/23/2010
March 2010	Dissolved Oxygen	1D Conc	6.0	.2	3/2/2010
March 2010	Dissolved Oxygen	1D Conc	6.0	2.5	3/9/2010
March 2010	Dissolved Oxygen	1D Conc	6.0	3.6	3/16/2010
April 2010	Dissolved Oxygen	1D Conc	6.0	3.4	4/6/2010
April 2010	Dissolved Oxygen	1D Conc	6.0	2.3	4/13/2010
April 2010	Dissolved Oxygen	1D Conc	6.0	1.	4/20/2010
April 2010	Dissolved Oxygen	1D Conc	6.0	4.8	4/27/2010
May 2010	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.2	5/1/2010
May 2010	Fecal Coliform	30D Conc	1000	1000.	5/1/2010
May 2010	Dissolved Oxygen	1D Conc	6.0	1.7	5/4/2010
May 2010	Dissolved Oxygen	1D Conc	6.0	1.4	5/11/2010
May 2010	Dissolved Oxygen	1D Conc	6.0	1.4	5/18/2010
June 2010	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.16	6/1/2010
June 2010	Dissolved Oxygen	1D Conc	6.0	1.1	6/1/2010
June 2010	Dissolved Oxygen	1D Conc	6.0	1.5	6/15/2010
June 2010	Dissolved Oxygen	1D Conc	6.0	3.5	6/29/2010
July 2010	Dissolved Oxygen	1D Conc	6.0	5.1	7/6/2010
July 2010	Dissolved Oxygen	1D Conc	6.0	2.	7/20/2010
August 2010	Dissolved Oxygen	1D Conc	6.0	4.2	8/17/2010
August 2010	Dissolved Oxygen	1D Conc	6.0	5.5	8/24/2010

BOSTON MILLS – BRANDYWINE
SKI RESORT
SUMMIT COUNTY
OCTOBER 24, 2011
PAGE 3 OF 3

August 2010	Dissolved Oxygen	1D Conc	6.0	2.9	8/31/2010
September 2010	Dissolved Oxygen	1D Conc	6.0	4.9	9/7/2010
September 2010	Dissolved Oxygen	1D Conc	6.0	4.8	9/21/2010
February 2011	Nitrogen, Ammonia (NH3)	30D Conc	3.0	14.	2/1/2011
February 2011	Nitrogen, Ammonia (NH3)	7D Conc	4.5	14.	2/22/2011
March 2011	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.8	3/1/2011
March 2011	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.8	3/22/2011
April 2011	Nitrogen, Ammonia (NH3)	30D Conc	3.0	11.5	4/1/2011
April 2011	Nitrogen, Ammonia (NH3)	7D Conc	4.5	11.5	4/1/2011
April 2011	CBOD 5 day	30D Conc	10	12.	4/1/2011

Please be advised that the above mentioned instances of noncompliance are subject to enforcement pursuant to ORC 6111. With the assistance of your certified operator, it is directed that you send this office an explanation for the above effluent violations along with a plan of action to come into compliance with your National Pollutant Discharge Elimination System (NPDES) permit. Furthermore, this office would like an explanation of how flow monitoring is conducted at the plant; the flows appear to be extremely low and inconsistent.

In order to avoid escalate enforcement being initiated by Ohio EPA, please respond to this letter by November 5, 2011. If you have any questions, please contact this office at (330) 963-1151.

Sincerely,



Jennifer S. Bennage
Environmental Engineer
Division of Surface Water

JSB/cs

cc: Tom LaPlante, Summit County Health Department
Steve Howe, AKE Laboratory, Inc,
Rob Wierzchowski, Food & Beverage Manager, Brandywine Ski Resort, Inc.