



## SUSQUEHANNA RIVER BASIN COMMISSION

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### Surface Water Withdrawal Application - Renewal Summary

This summary is only a portion of the application materials and is meant to provide general information about the proposed project.

**Source Name:** Shadowranch

**SRBC Pending No.:** 2018-103

#### 1. Project Sponsor:

**Company Name:** Shadow Ranch Resort, Inc

**Address:** 201 Resort Lane

**City:** Tunhannock

**State:** PA **Zip:** 18657

**Contact Person:** Matt Andrews

**Title:** VP

**Telephone:** 570-836-7178

**Fax:** 570-836-1606

**Mobile:**

**E-mail:** [matt.andrews@mountainenergyservices.com](mailto:matt.andrews@mountainenergyservices.com)

#### Facility Location:

**State:**

PA

**County:**

Wyoming

**Municipality:**

Tunkhannock Township

**Subbasin:**

Middle Susquehanna

**Date operations will begin:**

6/27/2011

**Date project sponsor began operation:**

6/27/2011

#### 4. Project Water Requirements:

Water Use:	Past	Existing	Projected
Average:	0.427 (mgd)	0.427 (mgd)	0.999 (mgd)
Maximum:	0.749 (mgd)	0.749 (mgd)	0.999 (mgd)
System Capacity:	0.999 (mgd)	0.999 (mgd)	0.999 (mgd)

#### 5. Requested Use or Withdrawal:

Estimated Hours of Operation:	24
Maximum Instantaneous Withdrawal Rate: (gpm)	1,042
Peak 24-Hour Day: (mgd)	0.999
Maximum 30 Day Average: (mgd)	0.999

#### 12. Environmental Resource Information:

Name of stream / river reach:

Tunkhannock Creefk

Water Use Classification:

TSF-MF

#### Waterbody Status Information:

Pennsylvania 303(d) or Priority Waterbody List Status:

Attaining

#### Wild or Scenic:

Is the stream or river reach designated wild and / or scenic?

No

13. Proposed Surface Water Withdrawal Source:

Source from which withdrawal is being requested: Stream

Q7-10 Low Flow at point of taking (cfs): 17.856

Drainage Area (square miles): 395.32

Is this a public water supply? No

**What is the percentage of the Requested Quantity of Withdrawal compared to the Q7-10 Low Flow?**

Maximum 30 Day Average: 8.66

Maximum Day: 8.66

### **Existing Facility Information**

This site is currently a resort featuring a hotel, golf course, restaurant, and fitness center. The location of the withdrawal is adjacent to the golf course. The existing withdrawal site includes a surface water withdrawal from Tunkhannock Creek, Trout Stocked Fishery (TSF), and staging area. The withdrawal includes a submerged self-cleaning suction strainer, intake pump and master flow meter. The staging area includes 2 filling islands allowing 4 trucks to fill at one time.

A surface water withdrawal for 999,000 gallons per day with a maximum instantaneous withdrawal rate of 1,042 gallons per minute from Tunkhannock Creek (TSF) is approved under Docket # 20150309.

No modifications are proposed at this time. The purpose of this application is a renewal of the surface water withdrawal.