

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0255734
APS ID 1021386
Authorization ID 1323264

Applicant, Facility and Project Information

Applicant Name	<u>Lost Warrior Bison Ranch Ltd</u>	Facility Name	<u>Lost Warrior Bison Ranch Ltd Property</u>
Applicant Address	<u>222 Longsite Drive # 43</u> <u>Uniontown, PA 15401</u>	Facility Address	<u>300 West Overton Road</u> <u>Scottsdale, PA 15683-7764</u>
Applicant Contact	<u>Bill Tedesco</u>	Facility Contact	<u>Bill Tedesco</u>
Applicant Phone	<u>(724) 984-9310</u>	Facility Phone	<u>(724) 984-9310</u>
Client ID	<u>357880</u>	Site ID	<u>844450</u>
SIC Code	<u>8800</u>	Municipality	<u>East Huntingdon Township</u>
SIC Description	<u>Private Households</u>	County	<u>Westmoreland</u>
Date Application Received	<u>August 11, 2020</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>October 02, 2020</u>	WQM App. No.	<u>6520403</u>
Project Description	<u>Application for a new NPDES permit for the discharge of treated sewage.</u>		

Summary of Review

The Department received a NPDES Permit New Application from Lost Warrior Bison Ranch Ltd on August 11, 2020. The Lost Warrior Bison Ranch Ltd Property is located in East Huntingdon Township, Westmoreland County.

The applicant proposes to construct a new 500 GPD single residence sewage treatment plant at an existing 4-bedroom home in East Huntingdon Township, Westmoreland County.

WQM Permit 6520403 will be issued concurrently with this NPDES Permit. The discharge is to an UNT to Jacobs Creek, which is classified as at WWF located in State Watershed 19-D.


Per current policy, the following effluent limitations and monitoring requirements (see Page 4 of the Fact Sheet), at a minimum, will be established for new individual SRSTP permits.

The applicant does not use eDMR and current policy does not require eDMR to be used for SRSTPs.

Sewage discharges with design flows < 2,000 gpd do not require monitoring for Total Nitrogen and Total Phosphorus in new and reissued permits.

The WQM Permit approves the construction of sewage facilities consisting of:

- A Norwalk Wastewater Equipment Company (Norweco) Singulair Model 960-500 – HKBFR Combo treatment plant, with UV Disinfection.

Approve	Deny	Signatures	Date
X		 Curtis Holes, P.E. / Environmental Engineering Specialist	October 01, 2020
X		<i>Don Leone</i> Donald J. Leone, P.E. / Environmental Engineer Manager	October 02, 2020

Summary of Review

Technology-based effluent limits for pH and Fecal Coliform will be imposed based upon State Regulation 95.2(1) & 92a.47(a)(5).

Act 537 Planning was approved for this project on June 17, 2020.

The Act – 14 PL 834 Municipal Notification were provided by the June 25, 2020 letters and no comments were received.

For SFTFs / SRSTPs with UV systems, it is not necessary to require UV intensity or transmittance monitoring in the permit.

An Operations Compliance Check Summary Report is not necessary as the facility has not yet been constructed.

It is recommended that a draft permit be published for public comment in response to this application.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Discharge, Receiving Waters and Water Supply Information

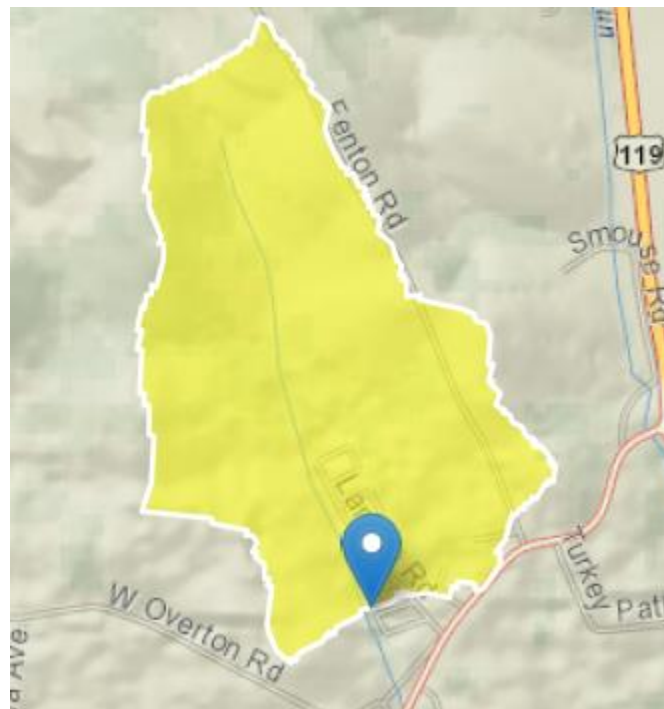
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0005</u>
Latitude	<u>40° 07' 07"</u>	Longitude	<u>-79° 34' 02"</u>
Quad Name	<u>Connellsville</u>	Quad Code	<u>1809</u>
Wastewater Description: <u>Treated Sewage Effluent.</u>			

Receiving Waters	<u>UNT to Jacobs Creek</u>	Stream Code	<u>37938</u>
NHD Com ID	<u>69914863</u>	RMI	<u>0.33</u>
Drainage Area	<u>0.54</u>	Yield (cfs/mi ²)	<u>0.00698</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.00377</u>	Q ₇₋₁₀ Basis	<u>USGS StreamStats</u>
Elevation (ft)	<u>1180</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>19-D</u>	Chapter 93 Class.	<u>Warm Water Fishes</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u>NONE</u>	Exceptions to Criteria	<u>NONE</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>On-site treatment systems</u>		
Source(s) of Impairment	<u>Organic Enrichment</u>		

Nearest Downstream Public Water Supply Intake	<u></u>
PWS Waters	<u></u>
PWS RMI	<u></u>
Flow at Intake (cfs)	<u></u>
Distance from Outfall (mi)	<u></u>

Changes Since Last Permit Issuance: None, New Facility.

Outfall 001 Drainage Basin



Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Instant. Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annual Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/year	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200.0	XXX	1000.0	1/year	Grab

Compliance Sampling Location: Outfall 001