



**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE REQUIREMENTS FOR INDUSTRIAL WASTEWATER
FACILITIES**

**NPDES PERMIT NO: PA0083771
Amendment No. 1**

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

**Turkey Hill Dairy Inc.
2601 River Road
Conestoga, PA 17516-9630**

is authorized to discharge from a facility known as **Turkey Hill Dairy**, located in **Manor Township, Lancaster County**, to **Manns Run and Wisslers Run** in Watershed(s) **7-J** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

THIS PERMIT SHALL BECOME EFFECTIVE ON DECEMBER 1, 2014

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON NOVEMBER 30, 2019

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))
3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d)(2))

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code §§ 92a.7 (b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

DATE PERMIT ISSUED November 6, 2014
DATE PERMIT AMENDMENT ISSUED 11/24/2014

ISSUED BY /s/
Maria D. Bebenek, P.E.
Clean Water Program Manager
Southcentral Regional Office

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. A. For Outfall 001, Latitude 39° 57' 22", Longitude 76° 26' 42", River Mile Index 0.8, Stream Code 07834

Receiving Waters: Manns Run

Type of Effluent: Process wastewater, boilers and water softener and reverse osmosis backwash, domestic wastewater

1. The permittee is authorized to discharge during the period from December 1, 2014 through November 30, 2019.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Flow (MGD)	Report	Report	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/day	Grab
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX	1/day	Grab
UV Intensity (µW/cm ²)	XXX	XXX	Report Daily Min	XXX	XXX	XXX	1/day	Measured
CBOD5	31	63	XXX	25	50	62.5	1/week	Composite*
Total Suspended Solids	38	75	XXX	30	60	75	1/week	Composite*
Oil and Grease	XXX	XXX	XXX	15	XXX	30	1/week	Grab
Fecal Coliform (CFU/100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1,000	1/week	Grab
Fecal Coliform (CFU/100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2,000 Geo Mean	XXX	10,000	1/week	Grab
Ammonia-Nitrogen May 1 - Oct 31	1.9	3.8	XXX	1.5	3.0	3.75	1/week	Composite*
Ammonia-Nitrogen Nov 1 - Apr 30	5.6	11.3	XXX	4.5	9.0	11.25	1/week	Composite*
Total Phosphorus	1.25	2.5	XXX	2.0	4.0	5.0	1/week	Composite*

Outfall 001, Continued (from December 1, 2014 through November 30, 2019)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
Nitrate-Nitrite as N	Report	XXX	XXX	Report	XXX	XXX	1/month	Composite*
Total Kjeldahl Nitrogen	Report	XXX	XXX	Report	XXX	XXX	1/month	Composite*
Total Nitrogen	Report	XXX	XXX	Report	XXX	XXX	1/month	Calculation
Total Dissolved Solids	Report Annl Avg	XXX	XXX	Report Annl Avg	XXX	XXX	1/year	Composite*

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

at discharge from the treatment facility and before mixing with non-contact cooling water

*Composite shall consist of one grab sample taken per each SBR batch discharge within a 24-hour period and composed into one sample for lab analysis.

