

Application No. OH0126969

Issue Date: May 22, 2007

Effective Date: July 1, 2007

Expiration Date: June 30, 2012

Ohio Environmental Protection Agency  
Authorization to Discharge Under the  
National Pollutant Discharge Elimination System

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq., hereinafter referred to as the "Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111),

Texas Migrant Council, Inc.

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge from the Helena Migrant Head Start Center wastewater treatment works located at 474 Maple St, Helena, Ohio, Sandusky County and discharging to an unnamed tributary to Muddy Creek in accordance with the conditions specified in Parts I, II, and III of this permit.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

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Chris Korleski  
Director

Total Pages: 19

Part I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: 2PT00032001 . See Part II, OTHER REQUIREMENTS, for locations of effluent sampling.

Table - Final Outfall - 001 - Final

Effluent Characteristic  Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units				Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
00056 - Flow Rate - GPD	-	-	-	-	-	-	-	1/Day	Total Estimate	All
00083 - Color, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
00300 - Dissolved Oxygen - mg/l	-	6.0	-	-	-	-	-	1/Quarter	Grab	Quarterly
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	1/Quarter	Grab	Quarterly
00530 - Total Suspended Solids - mg/l	18	-	-	12	0.27	-	0.18	1/Quarter	Grab	Quarterly
00610 - Nitrogen, Ammonia (NH3) - mg/l	4.5	-	-	3.0	0.068	-	0.045	1/Quarter	Grab	Winter-Qtrly
00610 - Nitrogen, Ammonia (NH3) - mg/l	1.5	-	-	1.0	0.023	-	0.015	1/Quarter	Grab	Summer-Qtrly
01330 - Odor, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
01350 - Turbidity, Severity - Units	-	-	-	-	-	-	-	1/Week	Estimate	All
31616 - Fecal Coliform - #/100 ml	2000	-	-	1000	-	-	-	1/Quarter	Grab	Summer-Qtrly
50060 - Chlorine, Total Residual - mg/l	0.019	-	-	-	-	-	-	1/Quarter	Grab	Summer-Qtrly
80082 - CBOD 5 day - mg/l	15	-	-	10	0.23	-	0.15	1/Quarter	Grab	Quarterly

Notes for station 2PT00032001:

- \* Effluent loadings based on average design flow of 0.004 MGD.
- Total residual chlorine - See Part II, Item F.
- Odor, Color, Turbidity, See Part II, Item D

Part I, B. - SLUDGE MONITORING REQUIREMENTS

1. Sludge Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the treatment works' final sludge at Station Number 2PT00032586, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sludge sampling.

Table - Sludge Monitoring - 586 - Final

Effluent Characteristic  Parameter	Discharge Limitations							Monitoring Requirements		
	Concentration Specified Units		Loading* kg/day					Measuring Frequency	Sampling Type	Monitoring Months
	Maximum	Minimum	Weekly	Monthly	Daily	Weekly	Monthly			
51129 - Sludge Fee Weight - dry tons	-	-	-	-	-	-	-	1/Year	Total	December

NOTES for Station Number 2PT00032586:

\*\* Monitoring is required when sludge is removed from the wastewater treatment facility for disposal in a mixed solid waste landfill. Monthly Operating Report (MOR) data shall be submitted in December. If no sewage sludge is removed from the Permittee's facility during the reporting period, report "AL" in the first day of the 4500 form. A signature is still required.

\*\*\* Sludge weight is a calculated total for the sampling period.

- See Part II, Items G,H, and I.

Part I, B. - SLUDGE MONITORING REQUIREMENTS

1. Sludge Monitoring. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee shall monitor the treatment works' final sludge at Station Number 2PT00032588, and report to the Ohio EPA in accordance with the following table. See Part II, OTHER REQUIREMENTS, for location of sludge sampling.

Table - Sludge Monitoring - 588 - Final

Effluent Characteristic  Parameter	Discharge Limitations						Monitoring Requirements			
	Concentration Specified Units		Loading* kg/day			Measuring Frequency	Sampling Type	Monitoring Months		
	Maximum	Minimum	Weekly	Monthly	Daily				Weekly	Monthly
70316 - Sludge Weight - Dry Tons	-	-	-	-	-	-	-	1/Year	Total	December
80991 - Sludge Volume, Gallons - Gals	-	-	-	-	-	-	-	1/Year	Total	December

NOTES for Station Number 2PT00032588:

\* Monitoring is required when sewage sludge is removed from the permittee's facility for transfer to a publicly owned treatment works. Monthly Operating Report (MOR) data shall be submitted in December. The total for the entire calendar year shall be reported in the data area for the first day of December. If no sewage sludge is removed from the permittee's facility during the calendar year, report "AL" in the first column of the first day in December on the 4500 Form. A signature is still required.

\*\* Sludge weight is a calculated total for the sampling period.

- See Part II, Items G, H, and I.

## Part I, C - Schedule of Compliance

### Municipal Construction Schedule

This entity shall attain compliance with the final effluent limitations of the permit as expeditiously as practicable, but not later than the dates developed in accordance with the following schedule:

- a. Attain operational level of the treatment works and meet final effluent limitations as soon as possible, but not later than six (6) months from the effective date of this permit. (Event Code 05599)
- b. Notify the Ohio EPA Northwest District Office within seven days of attaining operational level.
- c. Submit written status reports to the Ohio EPA Northwest District Office every three (3) months beginning three (3) months after the effective date of this permit.

Part II, Other Requirements

A. The wastewater treatment works must be under supervision of a Class I State certified operator as required by rule 3745-7- 02 of the Ohio Administrative Code.

B. Description of the location of the required sampling stations are as follows:

Sampling Station	Description of Location
2PT00032001	Final effluent (Lat: 41N 20' 28"; Long: 83 W 17' 8")
2PT00032586	Sludge hauled to a landfill
2PT00032588	Sludge hauled to another NPDES permit holder

C. All parameters, except flow, need not be monitored on days when the plant is not normally staffed (Saturdays, Sundays, and Holidays). On those days, report "AN" on the monthly report form.

D. If Severity Units are required for Turbidity, Odor, or Color, use the following table to determine the value between 0 and 4 that is reported.

REPORTED VALUE*	SEVERITY DESCRIPTION	TURBIDITY	ODOR	COLOR
0	None	Clear	None	Colorless
1	Mild			
2	Moderate	Light Solids	Musty	Grey
3	Serious			
4	Extreme	Heavy Solids	Septic	Black

\* Interpolate between the descriptive phrases.

E. Grab samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's performance.

F. The parameters below have had effluent limitations established that are below the Ohio EPA Quantification Level (OEPA QL) for the approved analytical procedure promulgated at 40 CFR 136. OEPA QLs may be expressed as Practical Quantification Levels (PQL) or Minimum Levels (ML).

Compliance with an effluent limit that is below the OEPA QL is determined in accordance with ORC Section 6111.13 and OAC Rule 3745-33-07(C). For maximum effluent limits, any value reported below the OEPA QL shall be considered in compliance with the effluent limit. For average effluent limits, compliance shall be determined by taking the arithmetic mean of values reported for a specified averaging period, using zero (0) for any value reported at a concentration less than the OEPA QL, and comparing that mean to the appropriate average effluent limit. An arithmetic mean that is less than or equal to the average effluent limit shall be considered in compliance with that limit.

The permittee must utilize the lowest available detection method currently approved under 40 CFR Part 136 for monitoring these parameters.

**REPORTING:**

All analytical results, even those below the OEPA QL (listed below), shall be reported. Analytical results are to be reported as follows:

1. Results above the QL: Report the analytical result for the parameter of concern.
2. Results above the MDL, but below the QL: Report the analytical result, even though it is below the QL.
3. Results below the MDL: Analytical results below the method detection limit shall be reported as "below detection" using the reporting code "AA".

The following table of quantification levels will be used to determine compliance with NPDES permit limits:

Parameter	PQL	ML
Chlorine, Total Residual	0.050 mg/l	--

This permit may be modified, or, alternatively, revoked and reissued, to include more stringent effluent limits or conditions if information generated as a result of the conditions of this permit indicate the presence of these pollutants in the discharge at levels above the water quality based effluent limit (WQBEL).

G. All disposal, use, storage, or treatment of sewage sludge by the Permittee shall comply with Chapter 6111. of the Ohio Revised Code, Chapter 3745-40 of the Ohio Administrative Code, any further requirements specified in this NPDES permit, and any other actions of the Director that pertain to the disposal, use, storage, or treatment of sewage sludge by the Permittee.

H. No later than January 31 of each calendar year the Permittee shall submit two (2) copies of a report summarizing the sewage sludge disposal, use, storage, or treatment activities of the Permittee during the previous calendar year. One copy of the report shall be sent to the Ohio EPA, Division of Surface Water, P.O. Box 1049, Columbus, Ohio 43216-1049, and one copy of the report shall be sent to the appropriate Ohio EPA District Office. The report shall be submitted on Ohio EPA Form 4229.

I. Each day when sewage sludge is removed from the wastewater treatment plant for use or disposal a representative composite sample of sewage sludge shall be collected and monitored for total solids. Results of the monitoring shall be used to calculate the total Sewage Sludge Weight (Monthly Operating Report code 70316) and total Sewage Sludge Fee Weight (Monthly Operating Report code 51129) for the reporting period specified by this NPDES permit. The results of the daily monitoring, and the weight calculations, shall be maintained on site for a minimum of five years. The test methodology used shall be Part 2540 G of Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992. To convert from gallons of liquid sewage sludge to dry tons of sewage sludge:  $\text{dry tons} = \text{gallons} \times 8.34 \text{ (lbs/gallon)} \times 0.0005 \text{ (tons/lb)} \times \text{decimal fraction total solids}$ .