

Application No. OH0107506

Issue Date: June 30, 2006

Effective Date: August 1, 2006

Expiration Date: July 31, 2011

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),

Jack Boyd Smith  
dba Brentwood Mobile Manor Inc.

is authorized by the Ohio Environmental Protection Agency, hereinafter referred to as "Ohio EPA," to discharge from the Brentwood Mobile Manor, Inc wastewater treatment works located at 2990 Deforest Townline Road, Warren, Weathersfield Township, Ohio, Trumbull County and discharging to an unnamed tributary to the Mahoning River 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.

---

Joseph P. Koncelik  
Director

Total Pages: 18

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 outfall 3PV00065001. 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	
00010 - Water Temperature - C	-	-	-	-	-	-	-	1/Day	Grab	All
00083 - Color, Severity - Units	-	-	-	-	-	-	-	1/Day	Estimate	All
00300 - Dissolved Oxygen - mg/l	-	5.0	-	-	-	-	-	1/Week	Grab	All
00400 - pH - S.U.	9.0	6.5	-	-	-	-	-	1/Week	Grab	All
00530 - Total Suspended Solids - mg/l	18	-	-	12	2.2	-	1.5	1/Week	Composite	All
00610 - Nitrogen, Ammonia (NH3) - mg/l	3	-	-	2	.36	-	.24	1 / 2 Weeks	Composite	Summer
00610 - Nitrogen, Ammonia (NH3) - mg/l	13	-	-	8.7	1.6	-	1.1	1 / 2 Weeks	Composite	Winter
01330 - Odor, Severity - Units	-	-	-	-	-	-	-	1/Day	Estimate	All
01350 - Turbidity, Severity - Units	-	-	-	-	-	-	-	1/Day	Estimate	All
31616 - Fecal Coliform - #/100 ml	2000	-	-	1000	-	-	-	1/Month	Grab	Summer
50050 - Flow Rate - MGD	-	-	-	-	-	-	-	1/Day	Continuous	All
50060 - Chlorine, Total Residual - mg/l	0.019	-	-	-	-	-	-	1/Day	Grab	Summer
80082 - CBOD 5 day - mg/l	15	-	-	10	1.8	-	1.2	1/Week	Composite	All

Notes for station 3PV00065001:

- \* Effluent loadings based on average design flow of 0.032 MGD.
- For Odor, Color and Turbidity- See Part II, Item E.
- For Chlorine Residual- See Part II, Item H.

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 3PV00065588, 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/Month	Total	All
70318 - Sludge Solids, Percent Total - %	-	-	-	-	-	-	-	1/Month	Grab	All

Notes for Station Number 3PV00065588:

- Monitoring is required when sludge is removed from the Permittee's facility for transfer to another NPDES permit holder. 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 column of the first day of the 4500 form. A signature is still required.

- Sludge Weight is calculated total for the sampling period.

- See Part II, Items J and K.

### Part I, C. - SCHEDULE OF COMPLIANCE

This entity shall take the actions described below as expeditiously as practicable, but not later than the dates developed in accordance with the following schedule:

- a. The permittee shall immediately initiate an evaluation of its existing wastewater treatment and sanitary sewer collection system to determine sources or causes of excessive infiltration and inflow (I/I).
- b. Within 6 months of the effective date of this permit, the permittee shall submit a report to Ohio EPA detailing the results of the evaluation, actions taken to improve compliance, recommendations for further actions and/or improvements necessary to enhance treatment performance, and a schedule for implementing any additional actions and/or improvements.
- c. The permittee shall implement all recommended actions and achieve compliance with the limitations of this permit.
- d. The required documents and correspondence shall be submitted to Ohio EPA, Northeast District Office, Division of Surface Water, 2110 East Aurora Road, Twinsburg, Ohio 44087.

See Part III, Item 12. Noncompliance Notification

Part II, OTHER REQUIREMENTS

A. The sanitary 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. The permittee may enter into a contract for the technical services of an appropriately certified operator to inspect, monitor, and supervise the operation thereof provided that a renewable contract, describing the duties and responsibilities of said certified operator, is submitted to and approved by Ohio EPA.

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

Sampling Station	Description of Location
3PV00065001	Final effluent (Lat: 41N 11' 55" ;Long: 80W 47' 00")
3PV00065588	Sludge when removed from the wastewater treatment facility and disposed of at another municipal wastewater treatment plant.

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. Permit limitations may be revised in order to meet water quality standards after a stream use determination and waste load allocation are completed and approved. This permit may be modified, or alternatively, revoked and reissued, to comply with any applicable water quality effluent limitations.

E. 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.

F. Composite samples shall be comprised of at least three grab samples proportionate in volume to the sewage flow rate at the time of sampling and collected at intervals of at least 30 minutes, but not more than 2 hours, during the period that the plant is staffed on each day for sampling. Such samples shall be collected at such times and locations, and in such fashion, as to be representative of the facility's overall performance.

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

H. The parameters below have had effluent limitations established that are below the Ohio EPA Quantification Level (OEPA QL) for the 40 CFR 136 promulgated analytical procedure for those parameters. In accordance with the ORC Section 6111.13 and OAC Rule 3745-33-07(C), if a discharge limit is set below the OEPA QL, any analytical result reported less than the OEPA QL shall be considered to be in compliance with that limit. OEPA QLs may be expressed as Practical Quantification Levels (PQL) or Minimum Levels (ML).

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).

I. Final permit limitations based on preliminary or approved waste load allocations are subject to change based on modifications to or finalization of the allocation or report or changes to Water Quality Standards. Monitoring requirements and/or special conditions of this permit are subject to change based on regulatory or policy changes.

J. 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.

K. 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.

L. Whenever the sewage system of a publicly owned treatment works becomes available and accessible, the permittee shall abandon the disposal system and connect it into the publicly owned treatment works.