



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19506, SPRINGFIELD, ILLINOIS 62794-9506 - (217) 782-2113

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217-782-2113

LIFETIME OPERATING PERMIT - REVISED

PERMITTEE

Envirite of Illinois, Inc.
Attn: David Lobbestael
2050 Central Avenue SE
Canton, Ohio 44707

Application No.: 81050024 I.D. No.: 031111ACC
Applicant's Designation: Recycle Drying Date Received: August 13, 2008
Subject: Waste Treatment Services
Date Issued: August 22, 2008 Expiration Date: See Condition 1.
Location: 16435 South Center Avenue, Harvey, Cook County 60426

Permit is here by granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of liquids processing unit (LPU) comprised of lime storage silo controlled by baghouse, 8 acid waste storage tanks controlled by a scrubber, 5 alkaline waste storage tanks and 4 treatment reactors controlled by one scrubber, diatomaceous earth (precoat) mixing tank controlled by baghouse, lime slurry mixing tank controlled by baghouse, and solids processing unit (SPU) comprised of a lime storage silo and two blenders controlled by one baghouse, and one natural gas fired boiler pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This permit shall expire 180 days after the Illinois EPA sends a written request for the renewal of this permit.
b. This permit shall terminate if it is withdrawn or is superseded by a revised permit.
2. Operation and emissions of the following equipment shall not exceed the following limits:

Table with 4 columns: Item of Equipment, Process Rate (tons/hr), Particulate Matter Emissions (lbs/hr), Particulate Matter Emissions (Tons/Yr). Rows include LPU Silo, Precoat Mix Tank, Lime Slurry Mix Tank, and SPU Silo.

These limits are based on maximum fuel usage, standard emission factors and year round operation. Compliance with the annual limits shall be determined from a running total of 12 months of data.

3. Operation and emissions of the following equipment shall not exceed the following limits:

Item of Equipment	Firing Rate (mmBtu/hr)	Emissions			
		Nitrogen Oxides		Carbon Monoxide	
		(lb/hr)	(ton/yr)	(lb/hr)	(ton/yr)
Boiler	2.25	0.22	1.0	0.05	0.2

These limits are based on maximum fuel usage, standard emission factors for natural gas combustion and year round operation. Compliance with the annual limits shall be determined from a running total of 12 months of data.

4. This permit is issued based on negligible emission of volatile organic material and particulate matter from acid and alkaline storage tanks, and treatment reactor. For this purpose emission of each contaminate from each emission unit shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year.
5. In the event that the operation of the emission unit(s) results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
6. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic inspections and maintenance on the equipment covered under this permit such that the equipment be kept in proper working condition and not cause a violation of the Environmental Protection Act or regulations promulgated therein.
7. Pollution control devices shall be in operation at all times when the associated emission unit(s) is in operation and emitting air contaminants.
8. The Permittee shall comply with the opacity limitations of 35 Ill. Adm. Code 212.123 and the particulate matter emission limitations of 35 Ill. Adm. Code 212.321.
9. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source (35 Ill. Adm. Code 212.301).
10. This permit is issued based on the potential to emit (PTE) for hazardous air pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act being less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs, or such less quantity as USEPA may establish by rule which would require the Permittee to obtain a Clean Air Act Permit Program (CAAPP) permit from the Illinois EPA.

11. The Permittee shall maintain monthly records of the following items:
 - a. The amount of liquid waste processed;
 - b. Natural gas consumption (mmscf/month and mmscf/year);
 - c. PM and VOM emissions (tons/month and tons/year) with supporting calculations.

12. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.

13. If there is an exceedance of or deviation from the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance/deviation. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or deviation and efforts to reduce emissions and future occurrences.

14. Two (2) copies of required reports and notifications shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

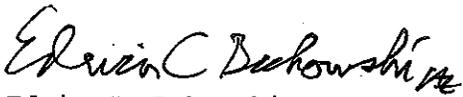
15. Persons with lifetime operating permits must obtain a revised permit for any of the following changes at the source:
 - a. An increase in emissions above the amount the emission unit or the source is permitted to emit;
 - b. A modification;

- c. A change in operations that will result in the source's noncompliance with conditions in the existing permit; or
- d. A change in ownership, company name, or address, so that the application or existing permit is no longer accurate.

It should be noted that the replacement electric heated sludge drying oven is exempt from permitting pursuant to 35 Ill. Adm. Code 201.146(jjj).

Please note that this permit has been revised to delete the two sludge dryers each controlled by scrubber as requested by the Permittee.

If you have any questions on this, please call George Kennedy at 217/782-2113.



Edwin C. Bakowski, P.E.
Acting Manager, Permit Section
Division of Air Pollution Control

Date Signed:

8.22.2008

ECB:GMK:jws

cc: Region 1