

REQUEST FOR ENVIRONMENTAL INFORMATION

Name of Project Fremont Community Digester LLC
Location Fremont, Michigan

- Item 1a.** Has a Federal, State, or Local Environmental Impact Statement or Analysis been prepared for this project?
 Yes No Copy attached as EXHIBIT I-A.
- 1b.** If "No." provide the information requested in Instructions as EXHIBIT I.
- Item 2.** The State Historic Preservation Officer (SHOP) has been provided a detailed project description and has been requested to submit comments to the appropriate Rural Development Office. Yes No Date description submitted to SHPO _____
- Item 3.** Are any of the following land uses or environmental resources either to be affected by the proposal or located within or adjacent to the project site(s)? (Check appropriate box for every item of the following checklist).

	Yes	No	Unknown		Yes	No	Unknown
1. Industrial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	19. Dunes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Commercial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20. Estuary	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Residential	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	21. Wetlands	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Agricultural	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	22. Floodplain	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Grazing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	23. Wilderness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Mining, Quarrying	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(designated or proposed under the Wilderness Act)			
7. Forests	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	24. Wild or Scenic River	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Recreational	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(proposed or designated under the Wild and Scenic Rivers Act)			
9. Transportation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	25. Historical, Archeological Sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Parks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(Listed on the National Register of Historic Places or which may be eligible for listing)			
11. Hospital	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	26. Critical Habitats	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Schools	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(endangered /threatened species)			
13. Open spaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	27. Wildlife	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Aquifer Recharge Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	28. Air Quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Steep Slopes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	29. Solid Waste Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Wildlife Refuge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	30. Energy Supplies	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Shoreline	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	31. Natural Landmark	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Beaches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(Listed on National Registry of Natural Landmarks)			
				32. Coastal Barrier Resources System	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Item 4. Are any facilities under your ownership, lease, or supervision to be utilized in the accomplishment of this project, either listed or under consideration for listing on the Environmental Protection Agency's List of Violating Facilities? Yes No

April 29, 2009
(Date)

Signed: 
(Applicant)

MANAGER
(Title)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collections is 0575-0094. The time required to complete this information collection is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**PHASE I
ENVIRONMENTAL
AUDIT**

**FREMONT INDUSTRIAL PARK
FREMONT, MI. 49412**

**BY
RICHARD J. PASSAGE**

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TRANSMITTAL LETTER

Aug. 18, 1997

Mr. Chris Yonker
101 E. Main
Fremont, MI. 49412

RE: Environmental Audit
Industrial Park
Fremont, MI. 49412

Dear Chris:

In accordance with our conversation, I performed an environmental screening on the property stated above. I have attempted to identify any environmental hazards existing on said property as of Aug. 18, 1997. The findings and recommendations are stated herein.

The data, analysis, and conclusions are based on the best available information. Should you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Richard J. Passage". The signature is written in black ink and is positioned above the printed name.

Richard J. Passage

LEGAL DESCRIPTION:

Sec. 3, T-12N, R-14W

Part of the NW fractional 1/4, the NE fractional 1/4 and the SW 1/4 described as: Beginning at the W. 1/4 Cor. of Sec. 3; thence N. 00 Deg. 02' 34" E. 1,978.91' along the W. line of the NW fractional 1/4 and the E. line of Lordon Lots (Liber 5 of plats, page 5); thence S. 89 Deg. 47' 25" E. 1,961.80' along the N. line of the S. 1/2 of the N. fractional 1/2 of said NW fractional 1/4; thence S. 00 Deg. 03' 25" W. 1,633.42' along the E. line of the W. 1/2 of the E. 1/2 of said NW fractional 1/4; thence N. 59 Deg. 06' 47" E. 1,663.34' along the southerly line of Locust street; thence northeasterly 108.84' along said southerly line on a 200' radius curve to the right, the chord of which bears N. 74 Deg. 42' 11" E. 107.5' (Delta = 31 Deg. 10' 49"); thence S. 89 Deg. 42' 24" E. 230.35' along said southerly line; N. 00 Deg. 17' 36" E. 17'; thence S. 89 Deg. 42' 24" E. 398.15' along the southerly line of Locust St.; thence S. 30 Deg. 53' 13" E. along the Westerly line of Connie Ave.; thence S. 59 Deg. 06' 47" W. 3,658.68' along the northerly line of CSX Railroad R.O.W. (100' wide); thence southwesterly 386.90' along said northerly line of a 7,589.49' radius curve to the right, the chord of which bears S. 60 Deg. 34' 24" W. (Delta = 02 Deg. 55' 15"); thence S. 62 Deg. 02' 02" W. 430.29' along said northerly line; thence N. 00 Deg. 11' 41" E. 1,071.83' along the east line of the west 290.4' of the SW 1/4 of said Section 3; thence N. 89 Deg. 48' 13" W. 290.40' along the N. line of said SW 1/4 to POB. Contains 32 Lots, 3 Outlots, and 131.13 Acres.

EXCEPTIONS

If you consult the plat map on page M-1 of the Map Addenda, you will find a plat map of the subject property.

The following lots are excluded from this report, and should be given no further consideration.

THESE LOTS ARE AS FOLLOWS:

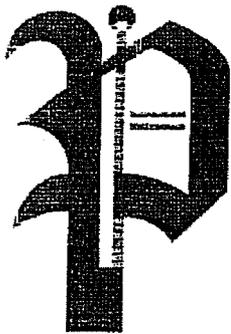
LOT #	REASON
22	Previously Sold (Including 3 buildings)
23	Previously Sold
24	Previously Sold
27	Previously Sold
28	Previously Sold
30	Previously Sold
31	Never Owned by City
32	Never Owned by City

SUMMARY OF FINDINGS

The following is a summary of findings, which will be explained more in more detail later in this report.

LOT #	FINDINGS
1 through 5	No Apparent problem
6, 7, & 8	<ol style="list-style-type: none">1. Lead and asbestos testing around foundation of original house and outbuildings, and2. Soil tests in area of all outbuildings and unidentified concrete slab; and3. Soil tests in area of above ground storage tank; and

LOT #	FINDINGS
6, 7, & 8 (contd)	4. Test for presence of underground tank and possible leakage in area of unidentified pipe in ground; and. 5. Re-inspect upon removal of brush & debris.
9	No Apparent Problem
10 through 18	No Apparent Problem
19 through 21	No Apparent Problem
25 & 26	No Apparent Problem
29	No Apparent Problem
Outlot A	No Apparent Problem
Outlot B	No Apparent Problem
Outlot C	No Apparent Problem



**PROPERTY
PROFILES, INC.**

City of Fremont
ATTN: Mr. Chris A. Yonker
City Manager
101 East Main St
Fremont, MI 49412

March 10, 2000

RE: Pekel Farm
Industrial Park
Lots 1 - 16 & 18 - 21

Dear Mr. Yonker:

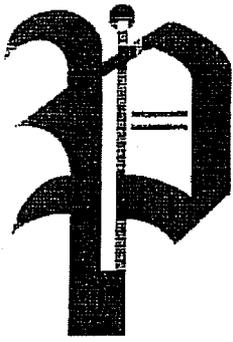
I have reviewed the requirements of my PHASE II Environmental Site Assessment regarding the Pekel Farm located at approximately 5020 Green Rd in Fremont, Michigan. I have further reviewed the reports, memorandums and actions taken to comply with the requirements of that report dated November 17, 1997 and find that the final clean-up efforts have been completed and no further environmental action is required by the city.

I hereby certify that all corrective action necessary to protect the environment and human health have been taken. As of January 10, 1999, the subject property is safe to occupy.

Sincerely,



Chester Van Dellen, JR. CERA
Consultant



**PROPERTY
PROFILES, INC.**

City of Fremont
ATTN: Mr. Chris Yonker
101 E. Main Street
Fremont, MI 49412

March 31, 2000

RE: Summary of PHASE I and PHASE II Environmental
Site Assessment Findings
5020 Green Rd
The Peckel Farm

Dear Mr. Yonker:

In response to your request, I have completed the following brief summary of environmental services completed at the above referenced site. Property Profiles Inc was retained to provide professional environmental services and perform certain PHASE II environmental Site Assessment activities based on a PHASE I Site Assessment performed by Mr. Richard Passage. These PHASE II environmental Site Assessment activities included the investigation of soils for lead and pesticide contamination, excavation and examination of a former underground storage tank, and the removal of a drum of liquid.

Property Profiles supervised the excavation of former underground storage tank and determined that the tank no longer existed and that all soils in, around, and under the tank contained no BTEX or PNA compounds and no further action was required. Property Profiles further investigated the condition of the soils for lead and pesticide content and found that no remedial action regarding soils was required. Property Profiles further supervised the removal of one 55 gallon drum of unknown liquid found to be non-hazardous through laboratory analysis.

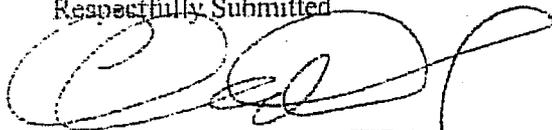
In summary, the recognized environmental conditions identified in the PHASE I Site Assessment prepared by Mr. Richard Passage no longer exist. Therefor, based on the environmental investigation performed by Property Profiles, Inc all appropriate inquiry into the above referenced property was undertaken and there is no reason to believe that the property is a "facility" by federal or state definition.

Page 2
Letter of Reliance
5020 Green Rd
The Peckel Farm

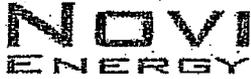
The city of Fremont and any purchasers of lots 1 - 16 or lots 18 - 21 in the Fremont Industrial Park and any lender of any purchaser of these lots are entitled to rely on Property Profiles Environmental PHASE II Environmental Site Assessment for the above referenced property. All purchasers of industrial park lots 1 - 16 & lots 18 - 21 shall be entitled to rely on all work performed by Property Profiles without regard to the fact that Property Profiles performed the work under contract for the City of Fremont and not specifically for the purchaser.

Should a specific purchaser have a question regarding the PHASE II investigation, or this letter of reliance, please contact Property profiles, Inc at 616-975-3434.

Respectfully Submitted



Chester Van Dellen, Jr. CERA
Certified Environmental Risk Assessor (#0026)



Fremont Community Digester Project

Preliminary Cost Estimates for a 300 ton/day plant.

Item	Estimate
Plant Equipment (Including mechanical, electrical, controls, gas handling, bio rereactor systems and steel tanks)	\$6,837,000
Plant Construction (Including, mechanical, electrical, I&C installation, site prep, general construction and concrete tanks)	\$2,588,500
Project development, Engineering and Management	\$2,070,000
Permits, regulatory, license fees and legal	\$330,000
TOTAL	\$11,825,500

Granskog, Andy - East Lansing, MI

From: Grinstern, Eric (DEQ) [GRINSTERNE@michigan.gov]
Sent: Tuesday, June 02, 2009 12:47 PM
To: Granskog, Andy - East Lansing, MI
Cc: Smith, Traci - East Lansing, MI
Subject: Fremont Digester
Attachments: 378-08.doc

Andy,

Please find attached the permit that you requested for the Fremont Digester.

Feel free to contact me if you need anything else.

Regards

Eric Grinstern
Michigan Department of Environmental Quality
Air Quality Division - Grand Rapids District
616-356-0266

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

February 13, 2009

**PERMIT TO INSTALL
No. 378-08**



The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environmental Quality. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203: 12/18/2008	
DATE PERMIT TO INSTALL APPROVED: 2/13/2009	SIGNATURE:
DATE PERMIT VOIDED:	SIGNATURE:
DATE PERMIT REVOKED:	SIGNATURE:

**PERMIT TO INSTALL
 Common Abbreviations / Acronyms**

Common Acronyms		Pollutant/Measurement Abbreviations	
AQD	Air Quality Division	BTU	British Thermal Unit
ANSI	American National Standards Institute	°C	Degrees Celsius
BACT	Best Available Control Technology	CO	Carbon Monoxide
CAA	Clean Air Act	dscf	Dry standard cubic foot
CEM	Continuous Emission Monitoring	dscm	Dry standard cubic meter
CFR	Code of Federal Regulations	°F	Degrees Fahrenheit
COM	Continuous Opacity Monitoring	gr	Grains
EPA	Environmental Protection Agency	Hg	Mercury
EU	Emission Unit	hr	Hour
FG	Flexible Group	H ₂ S	Hydrogen Sulfide
GACS	Gallon of Applied Coating Solids	hp	Horsepower
GC	General Condition	lb	Pound
HAP	Hazardous Air Pollutant	m	Meter
HVLP	High Volume Low Pressure *	mg	Milligram
ID	Identification	mm	Millimeter
LAER	Lowest Achievable Emission Rate	MM	Million
MACT	Maximum Achievable Control Technology	MW	Megawatts
MAERS	Michigan Air Emissions Reporting System	ng	Nanogram
MAP	Malfunction Abatement Plan	NO _x	Oxides of Nitrogen
MDEQ	Michigan Department of Environmental Quality	PM	Particulate Matter
MIOSHA	Michigan Occupational Safety & Health Administration	PM10	PM less than 10 microns diameter
MSDS	Material Safety Data Sheet	PM2.5	PM less than 2.5 microns diameter
NESHA	National Emission Standard for Hazardous Air Pollutants	pph	Pound per hour
NSPS	New Source Performance Standards	ppm	Parts per million
NSR	New Source Review	ppmv	Parts per million by volume
PS	Performance Specification	ppmw	Parts per million by weight
PSD	Prevention of Significant Deterioration	psia	Pounds per square inch absolute
PTE	Permanent Total Enclosure	psig	Pounds per square inch gauge
PTI	Permit to Install	scf	Standard cubic feet
RACT	Reasonably Available Control Technology	sec	Seconds
ROP	Renewable Operating Permit	SO ₂	Sulfur Dioxide
SC	Special Condition	THC	Total Hydrocarbons
SCR	Selective Catalytic Reduction	tpy	Tons per year
SRN	State Registration Number	µg	Microgram
TAC	Toxic Air Contaminant	VOC	Volatile Organic Compounds
TEQ	Toxicity Equivalence Quotient	yr	Year
VE	Visible Emissions		

* For High Volume Low Pressure (HVLP) applicators, the pressure measured at the HVLP gun air cap shall not exceed ten (10) pounds per square inch gauge (psig).

GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **(R 336.1201(1))**
2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, P.O. Box 30260, Lansing, Michigan 48909, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **(R 336.1201(4))**
3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **(R 336.1201(6)(b))**
4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**
5. The AQD District Supervisor shall be notified, in writing, of a change in ownership or operational control of the stationary source or emission unit(s) authorized by this Permit to Install pursuant to R 336.1219. The notification shall include all of the information required by R 336.1219(1)(a) and (b). In addition, a new owner or operator must submit a written statement pursuant to R 336.1219(1)(c), agreeing to and accepting the terms and conditions of this Permit to Install, and shall notify the AQD District Supervisor of any change in the contact person for this Permit to Install. **(R 336.1219)**
6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **(R 336.1901)**
7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **(R 336.1912)**
8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.
9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of R 336.1301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with R 336.1303. **(R 336.1301)**
 - a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
 - b) A visible emission limit specified by an applicable federal new source performance standard.
 - c) A visible emission limit specified as a condition of this Permit to Install.

12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in R 336.1370(2). **(R 336.1370)**

13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. **(R 336.2001)**

SPECIAL CONDITIONS

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Flexible Group ID
EUDIGESTER	Anaerobic digester system capable of converting organic waste products into biogas. Methane is the main component of this biogas. The design capacity is approximately 700 cfm of biogas produced while handling as much as 400 tons of waste products per day.	NA
EUWATERBOILER	Small hot water heater/boiler having a maximum design capacity of 4 MMBtu/hr. Primarily fueled by a mix of tail gas. This emission unit is exempt under Rule 336.1282(b)(i).	NA
EUGASFLARE	Small flare. In the normal plant operating mode, the maximum tail gas sent to the flare is 20,000 ft ³ /hr. This emission unit is exempt under Rule 336.1282(g).	NA
EUWASTE_TRANSFER	Waste transfer station with biofilter control. This transfer station is comprised of a basic building for receiving the trucks which pump – or dump – the waste feedstock into the digester receiving system. The building is to be operated under slight negative pressure during truck unloading operations and the evacuated air is to be routed through a biofilter.	NA
Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1290.		

The following conditions apply to: EUDIGESTER

DESCRIPTION: Anaerobic digester system capable of converting organic waste products into biogas. Methane is the main component of this biogas. The design capacity is approximately 700 cfm of biogas produced while handling as much as 400 tons of waste products per day.

Flexible Group ID:

NA

POLLUTION CONTROL EQUIPMENT:

NA

I. EMISSION LIMITS

NA

II. MATERIAL LIMITS

NA

III. PROCESS/OPERATIONAL RESTRICTIONS

1. The permittee shall maintain and operate EUDIGESTER according to the procedures outlined in the preventive maintenance plan attached as Appendix A. (R 336.1910, R 336.1911)
2. The permittee shall not operate EUDIGESTER unless an acceptable plan that describes how emissions – especially potentially odorous emissions – will be minimized during all startups, shutdowns and malfunctions has been submitted to the AQD District Supervisor. The plan shall incorporate procedures recommended by the equipment manufacturer as well as incorporating standard industry practices. (R 336.1901, R 336.1911, R 336.1912)
3. The permittee shall conduct all necessary maintenance consistent with the preventive maintenance program attached as Appendix A. The permittee shall make all necessary attempts to keep all components of EUDIGESTER maintained and operating in a satisfactory manner at all times. (R 336.1201, R 336.1205, R 336.1224, R 336.1225, R 336.1901, R 336.1910, R 336.1911)

IV. DESIGN/EQUIPMENT PARAMETERS

NA

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

1. The permittee shall maintain a log of all significant maintenance activities conducted and all significant repairs made to EUDIGESTER. Maintenance records shall be consistent with the preventive maintenance program attached as Appendix A. The permittee shall keep all records on file at the facility, for at least five years, and make them available to the Department upon request. (R 336.1201, R 336.1205, R 336.1224, R 336.1225, R 336.1910, R 336.1911)

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTIONS

NA

IX. OTHER REQUIREMENTS

NA

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

The following conditions apply to: EUWASTE TRANSFER

DESCRIPTION: Waste transfer station with biofilter control. It is comprised of a basic building for receiving the trucks that pump – or dump – the waste feedstock into the digester receiving system. To be operated under slight negative pressure during truck unloading operations and the evacuated air to be routed through a biofilter.

Flexible Group ID:

NA

POLLUTION CONTROL EQUIPMENT: Biofilter consisting of moist wood chips.

I. EMISSION LIMITS

NA

II. MATERIAL LIMITS

NA

III. PROCESS/OPERATIONAL RESTRICTIONS

1. The permittee shall maintain and operate EUWASTE_TRANSFER according to the procedures outlined in the preventive maintenance plan attached as Appendix A. (R 336.1910, R 336.1911)
2. The permittee shall not operate EUWASTE_TRANSFER unless all transfer operations, including transport deliveries, are performed by a reliable person properly trained and made responsible for proper compliance with all applicable procedures. (R 336.1901)
3. The permittee shall not operate EUWASTE_TRANSFER unless an acceptable plan that describes how emissions – especially potentially odorous emissions – will be minimized during all startups, shutdowns and malfunctions has been submitted to the AQD District Supervisor. The plan shall incorporate procedures recommended by the equipment manufacturer as well as incorporating standard industry practices. (R 336.1901, R 336.1911, R 336.1912)
4. The permittee shall conduct all necessary maintenance consistent with the preventive maintenance program attached as Appendix A. The permittee shall make all necessary attempts to keep all components of EUWASTE_TRANSFER maintained and operating in a satisfactory manner at all times. (R 336.1201, R 336.1205, R 336.1224, R 336.1225, R 336.1901, R 336.1910, R 336.1911)

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall not operate EUWASTE_TRANSFER unless the biofilter is installed, maintained, and operated in a satisfactory manner. (R 336.1205, R 336.1224, R 336.1225, R 336.1702(a), R 336.1901, R 336.1910)

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

1. The permittee shall maintain a log of all significant maintenance activities conducted and all significant repairs made to EUWASTE_TRANSFER. Maintenance records shall be consistent with the preventive maintenance program attached as Appendix A. The permittee shall keep all records on file at the facility, for at least five years, and make them available to the Department upon request. (R 336.1201, R 336.1205, R 336.1224, R 336.1225, R 336.1910, R 336.1911)

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTIONS

NA

IX. OTHER REQUIREMENTS

NA

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

APPENDIX A

Prior to trial operation, the permittee shall submit to the AQD District Supervisor, an approvable operation and maintenance plan – a preventive maintenance plan. The plan shall include, at a minimum, the following information:

- a) Operation and maintenance criteria for EUDIGESTER and EUWASTE_TRANSFER – for example the connectors and piping associated with these emission units, add-on control device(s), and for the process and control device(s) monitoring equipment as well as a standardized checklist to document the operation and maintenance of the equipment;
- b) The work practice standards for the processing equipment (that is specifically for EUDIGESTER and EUWASTE_TRANSFER);
- c) The work practice standards for the add-on control device(s) and monitoring equipment;
- d) Procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur; and
- e) A systematic procedure for identifying process equipment, add-on control device(s) and monitoring equipment malfunctions and for implementing corrective actions to address such malfunctions. **(R 336.1224, R 336.1225, R 336.1901, R 336.1910)**