Department of **Environmental Protection** Division of Air Resource Management

SUBMITTED APPLICATION REPORT APPLICATION FOR AIR PERMIT - LONG FORM

--- Form Effective 03/11/10 ---

Application Number: 3762-1

MANATEE COUNTY TITLE V PERMIT

Application Name: RENEWAL

Date Submitted: 30 September 2014

I. APPLICATION INFORMATION

Air Construction Permit - Use this form to apply for an air construction permit:

- For any required purpose at a facility operating under a federally enforceable state air operation permit (FESOP) or Title V air operation permit;
- For a proposed project subject to prevention of significant deterioration (PSD) review, nonattainment new source review, or maximum achievable control technology (MACT);
- To assume a restriction on the potential emissions of one or more pollutants to escape a requirement such as PSD review, nonattainment new source review, MACT, or Title V; or
- To establish, revise, or renew a plantwide applicability limit (PAL).

Air Operation Permit - Use this form to apply for:

- an initial federally enforceable state air operation permit (FESOP); or
- an initial/revised/renewal Title V air operation permit.

To ensure accuracy, please see form instructions.

Identification of Facility

1.	Facility Owner/Company Name: MANATEE COUNTY UTILITY OPERATIONS DEPT.					
2.	Site Name: MANATEE COUNTY LENA RD LANDFILL					
3.	Facility Identification Number: 0810055					
4.	Facility Location Street Address or Other Locator:	LENA RD LA				
	City: BRADENTON	County: MAN	IATI	EE	Zip Code: 34211	
5.	Relocatable Facility? ☐ Yes		6.	Existing T	itle V Permitted Facility No	

Application Contact

1.	Application Contact Name:		Application Con	tact Job Title:
	DAN COOPER		Project Director	
2.	Application Contact Mailing Address			
	Organization/Firm: SCS ENGINE	ERS		
	Street Address: 4041 PARK O	AKS BLV	D. SUITE 100	
	City: TAMPA		State: FL	Zip Code: 33610
3.	Application Contact Telephone Nu	ımbers		
	Telephone: (813) 425-0288 ex	xt. 326	Fax:	
4.	Application Contact Email Address: dcooper@scsengineers.com			

Purpose of Application

This application for air permit is being submitted to obtain: (Check one)
Air Construction Permit
☐ Air construction permit.
☐ Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL).
Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL), and separate air construction permit to authorize construction or modification of one or more emissions units covered by the PAL.
Air Operation Permit
☐ Initial Title V air operation permit.
☐ Title V air operation permit revision.
☐ Title V air operation permit renewal.
☐ Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is required.
☐ Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is not required.
Air Construction Permit and Revised/Renewal Title V Air Operation Permit
(Concurrent Processing)
☐ Air construction permit and Title V permit revision, incorporating the proposed project.
Air construction permit and Title V permit renewal, incorporating the proposed project.
Note: By checking one of the above two boxes, you, the applicant, are requesting concurrent processing pursuant to Rule 62-213.405, F.A.C. In such case, you must also check the following box:
✓ I hereby request that the department waive the processing time requirements of the air construction permit to accommodate the processing time frames of the Title V air operation permit.
Application Comment

Scope of Application

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type
11	Diesel Engines	
2	Fugitive Emissions - Equipment/Vehicle Operations	
3	Municipal Solid Waste Landfill	
4	Sludge Dryer	
5	Dried product handling system	
6	Two Dried Product Storage Silos	
7	Dried Product Truck Loadout Station	
12	LFG Fired Engine Generator Set (w/LFG Gas Treatment System)	

Note: The fee calculation information associated with this application may be accessed from the Main Menu of ESPAP.

Owner/Authorized Representative Statement

Complete if applying for an air construction permit or an initial FESOP.

Owner/Authorized Representative Name: Owner/Authorized Representative Job Title:

utilitiesdirector CHARLES GORE

2. Owner/Authorized Representative Mailing Address...

Organization/Firm: MANATEECOUNTYGOVERNMENT

Street Address: 4410 66TH STREET WEST

City: BRADENTON State: FL Zip Code: 34206-5010

3. Owner/Authorized Representative Telephone Numbers...

Telephone: (941) 792-8811 ext. 5323 Fax: (941) 795-3488

4. Owner/Authorized Representative Email Address: mike.gore@mymanatee.org

5. Owner/Authorized Representative Statement:

By entering my PIN below, I certify that I am the owner or authorized representative of the corporation, partnership, or other legal entity submitting this air permit application. To the best of my knowledge, the statements made in this application are true, accurate and complete, and any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department.

Application Responsible Official Certification

1.	Application Responsible Official Name: CHARLES GORE		
2.	 Application Responsible Official Qualification (Check one or more of the following options, as applicable): □ For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. □ For a partnership or sole proprietorship, a general partner or the proprietor, respectively. ▼ For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. □ The designated representative at an Acid Rain source or CAIR source. 		
3.	Application Responsible Official Mailing Address Organization/Firm: MANATEECOUNTYGOVERNMENT Street Address: 4410 66TH STREET WEST City: BRADENTON State: FL Zip Code: 34206-5010		
4.	Application Responsible Official Telephone Numbers Telephone: (941)792-8811 ext. 5323 Fax: (941)795-3488		
5.	Application Responsible Official Email Address: mike.gore@mymanatee.org		
6.	Application Responsible Official Email Address: mike.gore@mymanatee.org Application Responsible Official Certification: By entering my PIN below, I certify that I am a responsible official of the Title V source addressed in this air permit application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof and all other applicable requirements identified in this application to which the Title V source is subject. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department, and I will promptly notify the department upon sale or legal transfer of the facility or any permitted emissions unit. Finally, I certify that the facility and each emissions unit are in compliance with all applicable requirements to which they are subject, except as identified in compliance plan(s) submitted with this application.		

1 1 010	essional Engineer Certification				
1.	Professional Engineer Name:	Professional Eng	gineer Job Title:		
	DANIEL COOPER	Project Manager	ſ		
	Registration Number: 66440				
2.	Professional Engineer Mailing Address				
	Organization/Firm: SCS ENGINEERS				
	Street Address: 4041 PARK OAKS BLVD)			
	SUITE 100				
	City: TAMPA	State: FL	Zip Code: 33610		
3.	Professional Engineer Telephone Numbers				
	Telephone: (813) 621-0080 ext.	Fax: (813)	623-6757		
4.	Professional Engineer Email Address: DCOOL	PER@SCSENGINE	EERS.COM		
5.	Professional Engineer Statement:				
	I hereby certify, except as particularly noted he	erein*, that:			
	(1) To the best of my knowledge, there is reason unit(s) and the air pollution control equipment properly operated and maintained, will comply pollutant emissions found in the Florida Statut Protection; and	described in this ap with all applicable	oplication for air permit, when standards for control of air		
	(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.				
	(3) If the purpose of this application is to obtain a Title V air operation permit (check here \square , if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.				
	(4) If the purpose of this application is to obtain or concurrently process and obtain an air constrevision or renewal for one or more proposed as so), I further certify that the engineering featur application have been designed or examined by and found to be in conformity with sound engineerings of the air pollutants characterized in	truction permit and new or modified em res of each such emity y me or individuals neering principles a	a Title V air operation permit dissions units (check here \square , if issions unit described in this under my direct supervision		
	(5) If the purpose of this application is to obtain revision or renewal for one or more newly con ✓, if so), I further certify that, with the except application, each such emissions unit has been	structed or modified tion of any changes	d emissions units (check here detailed as part of this		

with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

* Explain any exception to the certification statement.

Professional Engineer Exception Statement:

II. FACILITY INFORMATION A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coord	inates	2. Facility Latitude/Longitude			
	Zone 17 East (km) 357.01 North (km) 3039.08		Latitude (DD/MM/SS) 27° 28` 3.8754" N Longitude (DD/MM/SS) 82° 26` 49.8723" W		
3. Governmental Facility Code: (3) SOURCE OWNED OR OPERATED BY THE COUNTY	4. Facility Status Code: Active	5. Facility Major Group SIC Code: (49) ELECTRIC, GAS AND SANITARY SERVICES	6. Facility SIC(s): Primary: 4953		
7. Facility Comment:					

Facility Contact

<u>raci</u>	<u>iity Contact</u>			
1.	Facility Contact Name: BRYAN WHITE	Facility Contac Landfill Superi		
2.	Facility Contact Mailing Address Organization/Firm: MANATEE COUN Street Address: 3331 LENA ROAD City: BRADENTON		ΓΜΕΝΤ Zip 34202 Code:	
3.	Facility Contact Telephone Numbers Telephone: (941) 792-8811 ext. Fax:			
4.	Facility Contact Email Address: bryan.v	white@mymanatee.org		

Facility Primary Responsible Official

Complete if an "application responsible official" is identified in Section I. that is not the facility "primary responsible official."

1.	Facility Primary Responsible Official Name: CHARLES GORE	Facility Primary F utilitiesdirector	Responsible Official Job Title:
2.	Facility Primary Responsible Official Mailing A Organization/Firm: MANATEECOUNTYGOV Street Address: 4410 66TH STREET WES City: BRADENTON	'ERNMENT	Zip 34206-5010 Code:
3.	Facility Primary Responsible Official Telephon Telephone: (941) 792-8811 ext. 5323 Fax: (94		
4.	Facility Primary Responsible Official Email Address: mike.gore@mymanatee.org		

<u>Facility Regulatory Classifications</u> Check all that would apply *following* completion of all projects and implementation of all other changes proposed in this application for air permit. Refer to instructions to distinguish between a "major source" and a "synthetic minor source."

1.		Small Business Stationary Source Unknown
2.		Synthetic Non-Title V Source
3.	~	Title V Source
4.		Major Source of Air Pollutants, Other than Hazardous Air Pollutants (HAPs)
5.		Synthetic Minor Source of Air Pollutants, Other than HAPs
6.		Major Source of Hazardous Air Pollutants (HAPs)
7.		Synthetic Minor Source of HAPs
8.	~	One or More Emissions Units Subject to NSPS (40 CFR Part 60)
9.	~	One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60)
10.	~	One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63)
11.	~	Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))
12.	Lar	ility Regulatory Classifications Comment: adfill is subject to Emission Guideline Subpart Cc and NSPS WWW and NESHAP AAAA; G engine generator set engine will be subject to NSPS Subpart JJJJ

List of Pollutants Emitted by Facility

1. Pollutants Emitted	2. Pollutant Classification	Emissions Cap [Y or N]?
VOC	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	N
H186	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
Т049	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
PM10	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
NMOC	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H2S	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H185	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H184	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H176	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H169	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H167	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H166	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H156	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H128	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H123	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H120	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H119	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H118	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H114	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H106	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H104	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N

H094	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H089	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H088	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
Н087	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H085	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H061	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H043	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H041	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H034	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H033	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H032	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H017	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
H009	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
F027	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
СО	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
SO2	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
NOX	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
PM	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N

B. Emissions Caps

Facility-Wide or Multi-Unit Emissions Caps

1. Pollutant Subject to Emissions Cap	2. Facility Wide Cap [Y or N]? (all units)	3. Emissions Unit ID No.s Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap
NMOC	No	No EUs included in the cap			

7. Facility-Wide or Multi-Unit Emissions Cap Comment:

NMOC: Subject to Title V by designation since NMOC subject to 40 CFR 60 Subpart Cc and WWW

C. FACILITY ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated Facility Plot Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Previously Submitted, Date: ✓ Attachment ☐ Applicable 2. Process Flow Diagram(s): (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Previously Submitted, Date: ✓ Attachment ☐ Applicable 3. Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) ☐ Applicable ☐ Previously Submitted, Date: ✓ Attachment Additional Requirements for Air Construction Permit Applications Area Map Showing Facility Location: (Not applicable for existing permitted facility) ☐ Applicable ☐ Attachment 2. Description of Proposed Construction, Modification, or Plantwide Applicability Limit (PAL): ☐ Applicable ☐ Attachment Rule Applicability Analysis: ☐ Applicable ☐ Attachment 4. List of Exempt Emissions Units: ☐ Applicable ☐ Attachment 5. Fugitive Emissions Identification: ☐ Applicable ☐ Attachment Air Quality Analysis (Rule 62-212.400(7), F.A.C.): ☐ Applicable ☐ Attachment Source Impact Analysis (Rule 62-212.400(5), F.A.C.): ☐ Applicable ☐ Attachment Air Quality Impact since 1977 (Rule 62-212.400(4)(e), F.A.C.): ☐ Applicable ☐ Attachment Additional Impact Analyses (Rules 62-212.400(8) and 62-212.500(4)(e), F.A.C.): ☐ Applicable ☐ Attachment 10. Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.): ☐ Applicable ☐ Attachment

1.	List of Exempt Emissions Units:	
	☐ Applicable	☐ Attachment
4dc	litional Requirements for Title V Air Operation Permit Applications	
1.	List of Insignificant Activities: (Required for initial/renewal applications, but	t not for revision
	applications)	- A // 1
	✓ Applicable	✓ Attachment
2.	Identification of Applicable Requirements (Required for initial/renewal application applications if this information would be changed as a result of the sought):	
	✓ Applicable	Attachment
3.	Compliance Report and Plan: (Required for all initial/revision/renewal appli-	cations):
	Note: A compliance plan must be submitted for each emissions unit that is neall applicable requirements at the time of application and/or at any time during processing. The department must be notified of any changes in compliance supplication processing.	ng application
	✓ Applicable	Attachment
4.	List of Equipment/Activities Regulated under Title VI (If applicable, require applications only): Applicable Equipment/Activities On site but Not Required to be Individually Listed	d for initial/renewal Attachment
5.	Verification of Risk Management Plan Submission to EPA (If applicable, reinitial/renewal applications only):	quired for
	☐ Applicable	☐ Attachment
6.	Requested Changes to Current Title V Air Operation Permit:	
	✓ Applicable	Attachment
Ada	litional Requirements for Facilities Subject to Acid Rain or CAIR Progra	m:
1.	Acid Rain Program Forms:	
	Acid Rain Part Application (DEP Form No. 62-210.900(1)(a)):	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	Phase II NOX Averaging Plan (DEP Form No. 62-210.900(1)(a)1.):	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	New Unit Exemption (DEP Form No. 62-210.900(1)(a)2.):	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
2.	CAIR Part (DEP Form No. 62-210.900(1)(b)):	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
<u>Oth</u>	er Information Regarding this Facility:	

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☐ Included	☐ Attachment
Additional Requirements Comment	

Facility Attachments

C 1 1 1 1 1 1	E1 / E1 N	A., 1	T1	ъ.
Supplemental Item	Electronic File Name	Attachment Description	Electronic	
			Document	Uploaded
Facility Plot Plan	Attachment 1-Facility Plot	Facility Attachment 1 -	Yes	09/22/2014
•	Plan-Figure 1.pdf	Facility Plot Plan		
Process Flow Diagram	Attachment 2-PFD	Facility Attachment 2 -	Yes	09/22/2014
(s)	Layout2 (1).pdf	Process Flow Diagram		
Precautions to Prevent	Attachment3-PM	Facility Attachment 3 -	Yes	09/22/2014
Emissions of	Prevention Measures.pdf	Precautions to prevent		
Unconfined Particulate	-	particulate matter		
Matter				
List of Insignificant	Attachment 4-List of	Facility Attachment 4 -	Yes	09/22/2014
Activities	insignificant activities.pdf	List of Insignificant		
		Activities		
Identification of	Attachment 5-Rule	Facility Attachment 5 -	Yes	09/22/2014
Applicable	applicability.pdf	Rule Applicability		
Requirements				
Compliance Report and	Attachment 6-Compliance	Facility Attachment 6 -	Yes	09/22/2014
Plan	Report and Plan.pdf	Compliance Plan		
Requested Changes to	Attachment 7-Requested	Facility Attachment 7 -	Yes	09/22/2014
Current Title V Air	changes to current TV	Requested Changes to		
Operation Permit	permit.pdf	Current Title V Operating		
1		Permit		

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

<u>Title V Air Operation Permit Emissions Unit Classification</u>

1.	(Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)						
	☐ The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.						
	▼ The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.						
Emi	sions Unit Description and Status						
1.	Type of Emissions Unit Addressed in this Section: (Check one)						
	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).						
	This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.						
	This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.						
2.	Description of Emissions Unit Addressed in this Section:						
	Fugitive Emissions - Equipment/Vehicle Operations						
3.	Emissions Unit Identification Number: 2						
4.	Emissions Unit Status Code: A 5. Commence Construction Date: A 6. Initial Startup Date: Date: 7. Emissions Unit Major Group SIC Code: 49						
8.	Federal Program Applicability: (Check all that apply)						
	☐ Acid Rain Unit						
	□ CAIR Unit						
9.	Package Unit Model Number: Manufacturer:						
10.	Generator Nameplate Rating: MW						
11.	Emissions Unit Comment:						

Emissions Unit Control Equipment

Code	Equipment	Description
0	NO CONTROL EQUIPMENT	
108	DUST SUPPRESSION - TRAFFIC CONTROL	Water is applied to roads as needed to control particulate emissions.

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate:		
2.	Maximum Production Rate:		
3.	Maximum Heat Input Rate: million Btu/	'hr	
4.	Maximum Incineration Rate:	pounds/hr tons/day	
5.	Requested Maximum Operating Schedul	le:	
		24 hours/day	7 days/week
		52 weeks/year	8760 hours/year
6.	Operating Capacity/Schedule Comment:		

C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow

1.	Identification of Point on Plo Diagram:	t Plan or Flow	2. Emission Point Type Code:4 - No true emission point			
3.	Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:					
4.	ID Numbers or Descriptions of Emission Units with this Emission Point in Common:					
5.	Discharge Type Code: (F) FUGITIVE EMISSIONS, NO STACK EXISTS	6. Stack Heigh feet	t:	7. Exit Diameter: feet		
8.	Exit Temperature: ° F	9. Actual Volumetric Flow Rate:		10. Water Vapor: %		
11.	Maximum Dry Standard Flow dscfm	v Rate:	12. Nonstack Emission Point Height: feet			
13.	Emission Point UTM Coordin Zone: East (km) North (km)) :		oint Latitude/Longitude Latitude: Longitude:		
15.	5. Emission Point Comment:					

D. SEGMENT (PROCESS/FUEL) INFORMATION Segment Description and Rate: Segment 1 of 1

Segi	nent Description and Kate.	SCE	giiieiit i oi i				
1.	Segment Description (Process/Fuel Type):						
2.	. Source Classification Code (SCC): 50100401 3. SCC Units: Cubic Yard-Miles Waste Transported					es Waste Transported	
4.	Maximum Hourly Rate: 165	5.	Maximum A 51645	nnual Rate:		6.	Estimated Annual Activity Factor:
7.	Maximum % Sulfur:	8.	Maximum %	Ash:		9.	Million Btu per SCC Unit:
10.	Segment Comment:						
	Is this a valid segment? Yes						

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

Elst of I officerites Effice	er by Ellissions Citie			
		Device Code	4. Pollutant Regulatory Code	Valid?
РМ	DUST SUPPRESSION - TRAFFIC CONTROL		WP	Yes

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted:	2. Total P	erce	nt E	Effici	ency of (Control:
	PM - Particulate Matter - PM (Filterable)						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lir	nthet nited Yes		☑ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissic	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	1oni	torir	ng Period	l:
	tons/year	□ 5 y	ears			□ 1	0 years
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

No Pollutant Allowable Emissions information submitted.

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

 $No\ Visible\ Emissions\ information\ submitted.$

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

No Continuous Monitoring information submitted.

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	revision applications if this information was submitted to the departmen years and would not be altered as a result of the revision being sought)	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
2.	Fuel Analysis or Specification (Required for all permit applications, exception applications if this information was submitted to the depure previous five years and would not be altered as a result of the revision boundary of the Previously Submitted, Date:	artment within the
3.	Detailed Description of Control Equipment (Required for all permit app air operation permit revision applications if this information was submit within the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	ted to the department
4.	Procedures for Startup and Shutdown (Required for all operation permit V air operation permit revision applications if this information was submitted within the previous five years and would not be altered as a result of the	nitted to the department revision being sought)
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
5.	Operation and Maintenance Plan (Required for all permit applications, e permit revision applications if this information was submitted to the dep previous five years and would not be altered as a result of the revision b Applicable Previously Submitted, Date:	artment within the
6.	Compliance Demonstration Reports/Records	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	☐ To Be Submitted, Date (if known): Previously Submitted Test Date(s)/Pollutants Tested:	
	To be Submitted Test Date(s)/Pollutants Tested:	
	Note: For FESOP applications, all required compliance demonstration resubmitted at the time of application. For Title V air operation permit approximately compliance demonstration reports/records must be submitted at the time compliance plan must be submitted at the time of application.	olications, all required
7.	Other Information Required by Rule or Statute	
	☐ Applicable	☐ Attachment

Additional Requirements for Title V Air Operation Permit Applications

1.	Identification of Applicable Requirements	
	☐ Applicable	☐ Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	Alternative Modes of Operation (Emissions Trading)	
	☐ Applicable	☐ Attachment

Ado	Additional Requirements for Air Construction Permit Applications				
1.	Control Technology Review and Analysis (Rules 62-212.400(10) and 62-CFR 63.43(d) and (e))	212.500(7), F.A.C.; 40			
	☐ Applicable	☐ Attachment			
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d) 212.500(4)(f), F.A.C.)), F.A.C., and Rule 62-			
	☐ Applicable	☐ Attachment			
3.	Description of Stack Sampling Facilities (Required for proposed new staconly)	k sampling facilities			
	☐ Applicable	☐ Attachment			
Oth	er Information Regarding this Emissions Unit				
1.	Other Emissions Unit Information				
	☐ Applicable	☐ Attachment			
	Note: Provide any other information related to the emissions unit addressed in this Emissions Unit Information Section that is not elsewhere provided in the application, not otherwise required and that you, the applicant, believe may be helpful.				
Ado	Additional Requirements Comment				

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1.	(Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)					
	The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.					
	The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.					
<u>Emi</u>	issions Unit Description and Status					
1.	Type of Emissions Unit Addressed in this Section	e of Emissions Unit Addressed in this Section: (Check one)				
	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).					
	This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.					
	This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.					
2.	Description of Emissions Unit Addressed in this Section: Municipal Solid Waste Landfill					
3.	Emissions Unit Identification Number: 3					
4.	Emissions Unit Status Code: A 5. Commence Construction Date:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code: 49			
8.	Federal Program Applicability: (Check all that	Federal Program Applicability: (Check all that apply)				
	☐ Acid Rain Unit					
	☐ CAIR Unit					
9.	Package Unit Manufacturer:	Model Number:				
10.	Generator Nameplate Rating: MW					
11.	Emissions Unit Comment:					

Emissions Unit Control Equipment

Code	Equipment	Description
23	FLARING	Waste gas Utility Flare (Emissions Calculations Included)
99	MISCELLANEOUS CONTROL DEVICES	LFG Gas Treatment sytem for LFG to be used as supplemental fuel in sludge dryer (Calculation under EU 004)and LFG Fired Engine Generator Set(Calculations under EU 012)

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate:		
2.	Maximum Production Rate:		
3.	Maximum Heat Input Rate: million Btu/hr		
4.	Maximum Incineration Rate:	pounds/hr tons/day	
5.	Requested Maximum Operating Schedule:	hours/day weeks/year	days/week 8760 hours/year
6.	Operating Capacity/Schedule Comment:		

C. EMISSION POINT (STACK/VENT) INFORMATION (Optional for unregulated emissions units.) Emission Point Description and Type

1.	Identification of Point on Plo Diagram: FLARE	t Plan or Flow	2. Emission Point Type Code:1 - A single emission point serving a single emissions unit				
3.	Descriptions of Emission Poi	nts Comprising th	his Emissions Unit for VE Tracking:				
4.	ID Numbers or Descriptions	of Emission Units	with this Emissio	on Point in Common:			
5.	Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION	6. Stack Heigh 42 feet	t:	7. Exit Diameter: 1 feet			
8.	Exit Temperature: 1400° F	9. Actual Volu Rate: 3000 acfm	metric Flow	10. Water Vapor: 99 %			
11.	Maximum Dry Standard Flow dscfm	v Rate:	12. Nonstack Emission Point Height: feet				
13.	Emission Point UTM Coordin Zone: 17 East (km) North (km)	358.48	14. Emission Point Latitude/Longitude Latitude: 27° 28' 19" N Longitude: 82° 26' 48" W				
15.	Emission Point Comment:						

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 2 Segment Description (Process/Fuel Type): **Fugitive Emissions** 3. Source Classification Code (SCC): SCC Units: 50100402 Acre-Years Landfill Existing **Estimated Annual Activity** 6. 5. Maximum Annual Rate: 4. Maximum Hourly Rate: Factor: 1487 .17 Million Btu per SCC Unit: 7. Maximum % Sulfur: 8. Maximum % Ash: 500 10. Segment Comment: 2829 ft3/min(from attachment 8)*(1440 min/day)*(365 day/yr)*(1/106)= 1487 MMft3 of LFG. SCC unit is million cubic feet of landfill gas.

Is this a valid segment? Yes

Segi	ment Description and Rate:	Segment 2 of 2						
1.	Segment Description (Process Waste Gas Flare-Landfill Gas	71 /						
2.	. Source Classification Code (SCC): 50100410 3. SCC Units: Million Cubic Feet Waste Gas Burned							
4.	Maximum Hourly Rate: .18	5. Maximum Annual Rate: 6. Estimated Annual Activity Factor:						
7.	Maximum % Sulfur:	8. Maximum %	6 Ash:	9. Million Btu per SCC Unit: 500				
10.	10. Segment Comment: (3000 scfm)*(60 min/hr)*(8760 hr/yr)*(1/106)=1577 MMft3/yr							
	Is this a valid segment? Yes							

E. EMISSIONS UNIT POLLUTANTS List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	2. Primary Control	3. Secondary Control	4. Pollutant	Valid?
	Device Code	Device Code	Regulatory Code	
CO	FLARING		NS	Yes
H009				Yes
H017				Yes
H032				Yes
H033				Yes
H034				Yes
H041				Yes
H043				Yes
H061				Yes
H085				Yes
H087				Yes
H088				Yes
H089				Yes
H094				Yes
H104				Yes
H106				Yes
H114				Yes
H118				Yes
H119				Yes
H120				Yes
H123				Yes
H128				Yes
H156				Yes
H166				Yes
H167				Yes
H169				Yes
H176				Yes
H184				Yes
H185				Yes
H186				Yes
H2S				Yes
NMOC				Yes
NOX				Yes
PM10				Yes
SO2				Yes
VOC	FLARING		WP	Yes

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted:	2. Total Percent Efficiency of Control:					
	CO - Carbon Monoxide						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lin	nthet nited Yes		☑ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissic	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Ioni	torir	ng Period	:
	tons/year	□ 5 y	ears	}		□ 1	0 years
10.	Calculation of Emissions:						
	See Attachment 12 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H009 - Acrylonitrile	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lin	nthet nited Yes		✓ No	
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year						
6.	Emission Factor:				7.	Emissio	ons Method Code:	
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	4-mc	onth	Period:		
	tons/year	From:				To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecte	ed N	Ionit	torir	ng Period	:	
	tons/year	□ 5 y	ears			□ 1	0 years	
10.	Calculation of Emissions:							
	See Attachment 10 and 14 for calculations.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H017 - Benzene (including benzene from gasoline)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. L	ynthe imited Yes			
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-1	nonth	Period: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Mo	nitorii	ng Period:		
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissis See Attachment 9 for emissions summary.	ons Commer	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H032 - Carbon disulfide	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lin	ithet nited Yes		▼ No	
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year						
6.	Emission Factor:				7.	Emissio	ons Method Code:	
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-mo	onth	Period:		
	tons/year	From:				To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Ionit	torin	ng Period	:	
	tons/year	□ 5 y	ears	\$		\Box 1	0 years	
10.	Calculation of Emissions:							
	See Attachment 10 and 14 for calculations.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H033 - Carbon tetrachloride	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: 1b/hour to	4. Synthetically Limited?						
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year						
6.	Emission Factor:			7.	Emissions Method Code:			
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-m	onth	Period:			
	tons/year	From:			To:			
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Mon	itorir	ng Period:			
	tons/year	□ 5 y	ears		□ 10 years			
10.	Calculation of Emissions:							
	See Attachment 10 and 14 for calculations.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted:	2. Total Percent Efficiency of Control:					
	H034 - Carbonyl sulfide						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lin	thet nited Yes		▼ No
5.	Range of Estimated Fugitive Emissions (as app	licable): ons/year					
		5115/ y cu 1					
6.	Emission Factor:				7.	Emissio	ns Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	4-mc	nth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Ionit	orin	g Period	
	tons/year	□ 5 y	ears			\Box 1	0 years
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H041 - Chlorobenzene	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: lb/hour to	ons/year	4. Lin	nthet nited Yes				
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year						
6.	Emission Factor:			7.	Emissions Method Code:			
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-mo	onth	Period:			
	tons/year	From:			To:			
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Moni	torin	g Period:			
	tons/year	□ 5 y	ears		\Box 10 years			
10.	Calculation of Emissions:							
	See Attachment 10 and 14 for calculations.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H043 - Chloroform	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lim			▼ No	
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year						
6.	Emission Factor:				7.	Emissio	ons Method Code:	
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	4-mc	nth	Period:		
	tons/year	From:				To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Ionit	orin	g Period	:	
	tons/year	□ 5 y	ears			\Box 1	0 years	
10.	Calculation of Emissions:							
	See Attachment 10 and 14 for values.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted:	2. Total Percent Efficiency of Control:					
	H061 - 1,4-Dichlorobenzene(p)						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lin	nthen nited Yes		✓ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissic	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	1oni	torir	ng Period	l:
	tons/year	□ 5 y	ears	\$			0 years
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H085 - Ethyl benzene	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lim			▼ No	
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year						
6.	Emission Factor:				7.	Emissio	ons Method Code:	
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	4-mo	nth	Period:		
	tons/year	From:				To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Ionit	orin	g Period		
	tons/year	□ 5 y	ears			□ 1	0 years	
10.	Calculation of Emissions:							
	See Attachment 10 and 14 for calculations.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1. Pollutant 1 H087 - Et	Emitted: hyl chloride (Chloroethane)	2. Total Percent Efficiency of Control:					
3. Potential I	Emissions: lb/hour t	4. Synthetically Limited? Tyes No					
5. Range of	Estimated Fugitive Emissions (as app to t	olicable): ons/year					
6. Emiss Fac				7.	Emissions Method Code:		
Referer	nce:						
8.a. Baseline A	Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-m	onth	Period: To:		
9 a Projected	Actual Emissions (if required):	9.b. Projecto	ed Moni	torin			
, oj	tons/year	1	ears		□ 10 years		
	on of Emissions: hment 10 and 14 for calculations.						
	Potential, Fugitive, and Actual Emiss. hment 9 for emissions summary.	ions Commer	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H088 - Ethylene dibromide (Dibromoethane)	2. Total P	erce	ent E	Effici	iency of	Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Lir	nthen nited Yes		▼ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissi	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	/Ioni	torir	ng Perio	d:
	tons/year	□ 5 y	ears	5			10 years
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H089 - Ethylene dichloride (1,2- Dichloroethane)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. L	ynthei imited Yes			
5.	Range of Estimated Fugitive Emissions (as approx to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-n	nonth	Period: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Project ☐ 5 y	ed Moi ears	nitorir	ng Period: □ 10 years		
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Comme	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H094 - Ethylidene dichloride (1,1- Dichloroethane)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. Lii	nthet mited Yes			
5.	Range of Estimated Fugitive Emissions (as approximated to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-m	onth	Period: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Mon ears	itorir	ng Period: □ 10 years		
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Comme	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H104 - Hexane	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: lb/hour to	ons/year	4. Synthetically Limited? Yes No					
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year						
6.	Emission Factor:			7.	Emissions Method Code:			
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-m	onth	Period:			
	tons/year	From:			To:			
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Moni	itorin	ng Period:			
	tons/year	□ 5 y	ears		□ 10 years			
10.	Calculation of Emissions:							
	See Attachment 10 and 14 for calculations.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H106 - Hydrogen chloride (Hydrochloric acid)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. Li	nthet mited Yes			
5.	Range of Estimated Fugitive Emissions (as approximately to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 24-m	onth	Period: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y		itorir	ng Period: □ 10 years		
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Comme	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted:	2. Total P	erce	nt E	Effici	ency of	Control:
	H114 - Mercury Compounds						
3.	Potential Emissions: lb/hour to	ons/year	4.	Lir	nthet nited Yes		▼ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissio	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecte	ed N	Ioni	itorir	ng Period	l:
	tons/year	□ 5 y	ears	,			0 years
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted:	2. Total P	erce	nt E	Effici	ency of (Control:
	H118 - Methyl chloride (Chloromethane)						
3.	Potential Emissions: lb/hour to	ons/year	4.	Liı	nthet nited Yes		✓ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissio	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecte	ed N	Ion	itorir	ng Period	l:
	tons/year	□ 5 y	ears	,			0 years
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H119 - Methyl chloroform (1,1,1- Trichloroethane)	2. Total Percent Efficiency of Control:				
3.	Potential Emissions: lb/hour to	ons/year	4. Li	ynthei imited Yes		
5.	Range of Estimated Fugitive Emissions (as approx to to	olicable): ons/year				
6.	Emission Factor:			7.	Emissions Method Code:	
	Reference:					
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-n	nonth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Project □ 5 y	ed Mor ears	nitorir	ng Period: □ 10 years	
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.					
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Comme	nt:			

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted:	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour lb/hour	ons/year	4. Li	nthet mited			
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-m	nonth	Period: To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Mon	itorir	ng Period:		
	tons/year	□ 5 y	ears		□ 10 years		
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Comme	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H123 - Methyl isobutyl ketone (Hexone)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions:	ons/year	4. Lii	nthet nited			
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-m	onth	Period: To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Mon	itorin	g Period:		
	tons/year	□ 5 y	ears		□ 10 years		
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Comme	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H128 - Methylene chloride (Dichloromethane)	2. Total Percent Efficiency of Control:				
3.	Potential Emissions: lb/hour to	ons/year	4. Lin	nthet nited Yes		
5.	Range of Estimated Fugitive Emissions (as app	olicable):				
6.	Emission Factor:			7.	Emissions Method Code:	
	Reference:					
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-m	onth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Moni ears	torin	g Period: 10 years	
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.					
11.	Pollutant Potential, Fugitive, and Actual Emissis See Attachment 9 for emissions summary.	ons Commer	nt:			

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H156 - Propylene dichloride (1,2- Dichloropropane)	2. Total Percent Efficiency of Control:				
3.	Potential Emissions: lb/hour t	ons/year	4.	Lim		
5.	Range of Estimated Fugitive Emissions (as app	olicable): ons/year				
	to t	Olis/ y Cai		- 1		
6.	Emission Factor:				7.	Emissions Method Code:
	Reference:					
8.a.	. Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	1-mo	nth	Period:
	tons/year	From:				To:
9.a.	. Projected Actual Emissions (if required):	9.b. Project	ed M	Ionit	orin	g Period:
	tons/year	□ 5 y				□ 10 years
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.					
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ions Comme	nt:			_

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1. Pollutant Emitted H166 - 1,1,2,2-T		2. Total Percent Efficiency of Control:					
3. Potential Emissic		ons/year	4. Syr Lin				
5. Range of Estimat	ted Fugitive Emissions (as app to t	olicable): ons/year					
6. Emission Factor:				7.	Emissions Method Code:		
Reference:							
8.a. Baseline Actual l	Emissions (if required): tons/year	8.b. Baselin From:	ne 24-m	onth	Period: To:		
9.a. Projected Actual	Emissions (if required):	9.b. Projecte	ed Moni	torin	g Period:		
-	tons/year	□ 5 y	ears		□ 10 years		
10. Calculation of En	missions: 10 and 14 for calculations.						
	al,Fugitive, and Actual Emissi 9 for emissions summary.	ons Commer	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H167 - Tetrachloroethylene (Perchloroethylene)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. Lii	nthet nited Yes			
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-m	onth	Period: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Mon ears	itorin	ng Period: □ 10 years		
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Comme	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H169 - Toluene	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. Lii	nthet mited Yes			
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-m	onth	Period:		
	tons/year	From:			To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Mon	itorir	ng Period:		
	tons/year	□ 5 y	ears		□ 10 years		
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H176 - Trichloroethylene	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. Synthetically Limited?				
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-m	onth	Period:		
	tons/year	From:			To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Mon	itorir	ng Period:		
	tons/year	□ 5 y	ears		□ 10 years		
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H184 - Vinyl chloride	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4.	Lim			▼ No
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:				7.	Emissic	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24	4-mo	nth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Ionit	orin	ng Period	
	tons/year	□ 5 y	ears			□ 1	0 years
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H185 - Vinylidene chloride (1,1- Dichloroethylene)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. Lin	ntheti nited Yes	ically ? • No		
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-mo	onth 1	Period: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Moni ears	torin	g Period: 10 years		
10.	Calculation of Emissions: See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Commer	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H186 - Xylenes (isomers and mixtures)	2. Total P	erce	ent E	Effici	iency of	Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Liı	nthe mited Yes		✓ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissi	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	/lon	itorii	ng Perio	d:
	tons/year	□ 5 y	ears	5			10 years
10.	Calculation of Emissions:						
	See Attachment 10 and 14 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H2S - Hydrogen Sulfide	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: 1b/hour to	ons/year	4. Lii	nthet mited Yes				
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year						
6.	Emission Factor:			7.	Emissions Method Code:			
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-m	onth	Period:			
	tons/year	From:			To:			
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Mon	itorir	ng Period:			
	tons/year	□ 5 y	ears		□ 10 years			
10.	Calculation of Emissions:							
	See Attachment 12 for calculations.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: NMOC - Nonmethane Organic Compounds from MSW Landfill	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4. Lin	nthet nited Yes			
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:			7.	Emissions Method Code:		
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-mo	onth	Period: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Moni ears	torin	g Period: 10 years		
10.	Calculation of Emissions: See Attachment 13 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Comme	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: NOX - Nitrogen Oxides	2. Total Percent Efficiency of Control:						
3.	Potential Emissions: lb/hour to	ons/year	4. Lin	nthet nited Yes				
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year						
6.	Emission Factor:			7.	Emissions Method Code:			
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-mo	onth	Period:			
	tons/year	From:			To:			
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Moni	torin	g Period:			
	tons/year	□ 5 y	ears		□ 10 years			
10.	Calculation of Emissions:							
	See Attachment 12 for calculations.							
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:					
	See Attachment 9 for emissions summary.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: PM10 - Particulate Matter - PM10 (Filterable)	2. Total P	erce	ent E	Effici	iency of	Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Liı	nthe nited Yes		✓ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissi	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	/loni	itorii	ng Perio	d:
	tons/year	□ 5 y	ears	5			10 years
10.	Calculation of Emissions:						
	See Attachment 12 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: SO2 - Sulfur Dioxide	2. Total P	erce	ent E	Effici	iency of	Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Liı	nthen nited Yes		▼ No
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:				7.	Emissi	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	/loni	itorir	ng Period	1:
	tons/year	□ 5 y	ears	5			10 years
10.	Calculation of Emissions:						
	See Attachment 12 for calculations.						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Comme	nt:				
	See Attachment 9 for emissions summary.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total P	erce	ent E	ffici	ency of Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Lin	ithet nited Yes	
5.	Range of Estimated Fugitive Emissions (as approx to t	olicable): ons/year				
6.	Emission Factor:				7.	Emissions Method Code: (5) CALCULATED USING EMISSION FACTOR OTHER
	Reference:					THAN ONE LISTED IN METHOD 1 - 4.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 2	4-mc	onth	Period: To:
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed N		torin	ng Period: □ 10 years
10.	Calculation of Emissions: See Attachment 11 and 13 for calculations.					
11.	Pollutant Potential, Fugitive, and Actual Emissi See Attachment 9 for emissions summary.	ons Commer	nt:			

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

<u>Visible Emissions Limitation:</u> Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype:	2. Basis for Allowab	le Opacity:
	VE00 - VISIBLE EMISSIONS - 0% NORMAL OPACITY	✓ Rule	□ Other
3.	Allowable Opacity:		
	Normal Conditions: % Excep	otional Conditions:	5%
	Maximum Period of Excess Opacity Allowed:		5 min/hour
4.	Method of Compliance:		
	EPA METHOD 22		
5.	Visible Emissions Comment:		
	Allowed 5% opacity for up 5 minutes in any 2	consecutive hours	

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

No Continuous Monitoring information submitted.

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Process Flow Diagram (Required for all permit applications, except Ti revision applications if this information was submitted to the departme years and would not be altered as a result of the revision being sought) Applicable Previously Submitted, Date:	ent within the previous five
2.	Fuel Analysis or Specification (Required for all permit applications, expermit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision Applicable Previously Submitted, Date:	epartment within the
3.	Detailed Description of Control Equipment (Required for all permit ap air operation permit revision applications if this information was subm within the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	itted to the department
4.	Procedures for Startup and Shutdown (Required for all operation perm V air operation permit revision applications if this information was subwithin the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	omitted to the department
5.	Operation and Maintenance Plan (Required for all permit applications, permit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision Applicable Previously Submitted, Date:	epartment within the
6.	Compliance Demonstration Reports/Records Applicable Previously Submitted, Date: To Be Submitted, Date (if known): Previously Submitted Test Date(s)/Pollutants Tested: To be Submitted Test Date(s)/Pollutants Tested: Note: For FESOP applications, all required compliance demonstration submitted at the time of application. For Title V air operation permit application reports/records must be submitted at the time compliance plan must be submitted at the time of application.	pplications, all required
7.	Other Information Required by Rule or Statute ☐ Applicable	☐ Attachment

Additional Requirements for Title V Air Operation Permit Applications

1.	Identification of Applicable Requirements	
	Applicable	Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	Alternative Modes of Operation (Emissions Trading)	
	☐ Applicable	☐ Attachment

Aut	ittional Requirements for Air Construction Fernit Applications					
1.	Control Technology Review and Analysis (Rules 62-212.400(10) and 62-CFR 63.43(d) and (e))	-212.500(7), F.A.C.; 40				
	☐ Applicable	☐ Attachment				
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d 212.500(4)(f), F.A.C.)	l), F.A.C., and Rule 62-				
	☐ Applicable	☐ Attachment				
3.	Description of Stack Sampling Facilities (Required for proposed new state only)	ck sampling facilities				
	☐ Applicable	☐ Attachment				
Oth	er Information Regarding this Emissions Unit					
1.	Other Emissions Unit Information					
	Applicable	Attachment				
	Note: Provide any other information related to the emissions unit address Information Section that is not elsewhere provided in the application, not that you, the applicant, believe may be helpful.					
Add	Additional Requirements Comment					

Emission Unit Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic Document	
Process Flow Diagram	Attachment 15 - PFD MSW Landfill EU003.pdf	Attachment 15 - Process Flow Diagram MSW Landfill EU003	Yes	09/22/2014
Fuel Analysis or Specification	Attachment 16- Utility Flare Fuel Analysis.pdf	Attachment 16 - Flare Fuel Analysis	Yes	09/22/2014
Procedures for Startup and Shutdown	Attachment 18 - EU003 Procedures for Startup and Shutdown.pdf	Attachment 18 - Procedures for Startup and Shutdown	Yes	09/22/2014
Operation and Maintenance Plan	Attachment 19 - EU003 Operation and Maintenance Plan.pdf	Attachment 19 - EU 003 Operation and Maintenance Plan	Yes	09/22/2014
Other Emissions Unit Information	Attachment 12 - FLARE NOx,CO,SOx,PM-10 Calcs).pdf	Attachment 12 - EU003 Flare Potential NOx, CO, H2S, and PM10 Emissions	Yes	09/22/2014
	Attachment 11 - EU003 Fugitive NMOC _ VOC.pdf	Attachment 11 - EU003 Fugitive NMOC and VOC Emissions	Yes	09/22/2014
	Attachment 10 - EU003 Fugitive HAPS.pdf	Attachment 10 - EU 003 Fugitive HAPs Emissions	Yes	09/22/2014
	Attachment 9 - EU003 Potential Emissions Summary.pdf	Attachment 9 - EU003 Potential Emissions Summary	Yes	09/22/2014
	Attachment 8-Landgem Model Lena Road Landfill.pdf	Attachment 8- Landgem Model	Yes	09/22/2014
	Attachment 14 - HAPs UtilityFlare.pdf	Attachment 14 - EU 003 Flare Potential HAPs Emissions	Yes	09/22/2014
	Attachment 13 - FLARE NMOC _ VOC.pdf	Attachment 13 - EU 003 Flare Potential NMOC and VOC Emissions	Yes	09/22/2014
Identification of Applicable Requirements	Attachment 20 Rule applicability EU003 Municipal Solid Waste Landfill.pdf	Attachment 20 - EU 003 Rule Applicability	Yes	09/22/2014

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1.	(Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)						
	The emissions ur emissions unit.	nit addressed in this Emiss	sions	Unit Information Sec	ction is a regulated		
	The emissions ur emissions unit.	nit addressed in this Emiss	sions	Unit Information Sec	ction is an unregulated		
<u>Emi</u>	missions Unit Description and Status						
1.	Type of Emissions U	nit Addressed in this Secti	ion: (Check one)			
	process or produc	Unit Information Section a ction unit, or activity, whi lefinable emission point (s	ch pr	oduces one or more			
	This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.						
	-	Jnit Information Section a ction units and activities v		, ,			
2.	Description of Emiss Sludge Dryer	ions Unit Addressed in thi	is Sec	tion:			
3.	Emissions Unit Ident	ification Number: 4					
4.	Emissions Unit Status Code: A	5. Commence Construction Date:	6.	Initial Startup Date: 31-JUL-08	7. Emissions Unit Major Group SIC Code: 49		
8.	Federal Program Applicability: (Check all that apply) Acid Rain Unit CAIR Unit						
9.	Package Unit Manufacturer:		ľ	Model Number:			
10.	Generator Nameplate	Rating: MW					
11.	Emissions Unit Com	ment:					
		s and/or natural gas; LFG e for purposes of NSPS So			or to sludge dryer is		

Emissions Unit Control Equipment

Code	Equipment	Description
21	DIRECT FLAME AFTERBURNER	regenerative thermal oxidizer

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate: 29 TONS/HR						
2.	Maximum Production Rate:						
3.	Maximum Heat Input Rate: 21 million Btu/hr						
4.	Maximum Incineration Rate: pounds/hr tons/day						
5.	Requested Maximum Operating Schedule:						
		hours/day	days/week				
		weeks/year	8760 hours/year				
6.	Operating Capacity/Schedule Comment:						
	28.8 tons/hr. total input & 20.4 MMBTU/hr	total heat input					

C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

Emission Point Description and Type

1.	Identification of Point on Plot Plan or Flow			2. Emission Point Type Code:			
	Diagram:		2 - An emission point serving 2 or more EU's capable of simultaneous operation				
3.	Descriptions of Emission Points Comprising			his Emissions Unit for VE Tracking:			
4.	 ID Numbers or Descriptions of Emission Units with this Emission Point in Common: 5 - Dried product handling system 						
5.	Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION	6. Stack Heigh 65 feet			7. Exit Diameter: 1.8 feet		
8.	Exit Temperature: 183° F	9. Actual Volumetric Flow Rate: 2500 acfm		ic Flow	10. Water Vapor: %		
11.	Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet				
13.	3. Emission Point UTM Coordinates Zone: East (km): North (km):		14. Emission Point Latitude/Longitude Latitude: Longitude:				
15.	Emission Point Comment:						

D. SEGMENT (PROCESS/FUEL) INFORMATION Segment Description and Rate: Segment 1 of 3

Segi	ment Description and Rate:	Segment 1 of 3					
1.	Segment Description (Process/Fuel Type): Natural gas usage to dryer and RTO						
2.	Source Classification Code (S 39900601	ode (SCC): 3. SCC Units: 1000 Cubic Feet Natural Gas Burned					
4.	Maximum Hourly Rate: .21	5. Maximum Annual Rate:			Estimated Annual Activity Factor:		
7.	Maximum % Sulfur:	8. Maximum % Ash:		9.	Million Btu per SCC Unit:		
10.	Segment Comment:						
	Is this a valid segment? Yes						
Segi	egment Description and Rate: Segment 2 of 3						
1.	•						
2.	Source Classification Code (SCC): 3. SCC Units:						

1.	Segment Description (Process/Fuel Type): LFG burned in sludge dryer					
2.	Source Classification Code (5 50100421	SCC):	3. SCC Units: Million Cubic Feet Waste Gas Burned			
4.	Maximum Hourly Rate: .044	5. Maximum A	Annual Rate:	6. Estimated Annual Activity Factor:		
7.	Maximum % Sulfur:	8. Maximum % Ash:		9. Million Btu per SCC Unit:		
10.	0. Segment Comment: landfill gas goes to dryer only at 20.3 MMBTU/hr Landfill gas and natural gas blend to dryer is 20.4 MMBTU/hr.					
	Is this a valid segment? Yes					

Segment Description and Rate: Segment 3 of 3

1.	. Segment Description (Process/Fuel Type): Sludge and recycled dried sludge mixture					
2.	Source Classification Code (SCC): 50100791		3. SCC Units: Million Gallons Wastewater Processed			
4.	Maximum Hourly Rate:	5. Maximum Annual Rate:		6. Estimated Annual Activity Factor:		
7.	Maximum % Sulfur:	8. Maximum % Ash:		9. Million Btu per SCC Unit:		
10.	0. Segment Comment: Wet Sludge and Recycle to dryer limited to a total of 28.8 tons/hr.					
	Is this a valid segment? Yes					

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code	Valid?
CO			NS	Yes
H114			EL	Yes
NMOC			NS	Yes
NOX			NS	Yes
PM			EL	Yes
PM10				Yes
SO2			NS	Yes
VOC			NS	Yes

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: CO - Carbon Monoxide	2. Total P	ercent]	Effici	ency of Control:		
3.	Potential Emissions: 4.1 lb/hour 17.8 to	4. Syn Lim					
5.	Range of Estimated Fugitive Emissions (as approx to t	agitive Emissions (as applicable): to tons/year					
6.	Emission Factor:			7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND		
	Reference:				KNOWLEDGE OF THE PROCESS.		
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: To:					
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Mon ears	itorir	ng Period:		
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissions Comment: Emissions established in permit no. 0810055-005AC.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: H114 - Mercury Compounds	2. Total P	erce	ent E	ffici	ency of Control:	
3.	Potential Emissions: .29 lb/hour 1.29 to	ons/year	4.	Lin	nthet nited Yes		
5.	Range of Estimated Fugitive Emissions (as app to t	to tons/year					
6.	Emission Factor:				7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND	
	Reference:					KNOWLEDGE OF THE PROCESS.	
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 2	4-m	onth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: □ 5 years □ 10 years					
10.	Calculation of Emissions:						
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: Emissions established in permit no. 0810055-005AC.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

|--|

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 3200 GRAMS/DAY (24 HOURS)	4. Equivalent Allowable Emissions: .29 lb/hour 1.29 tons/ye				
_			.29 10/11001	1.29 tons/year		
5.	Method of Compliance:					
	Stack Test					
6.	Allowable Emissions Comment (Description of Operating Method): Emissions established in permit no. 0810055-005-AC.					

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: NMOC - Nonmethane Organic Compounds from MSW Landfill	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: .6 lb/hour 2.7 to	7 tons/year 4. Syn					
5.	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year						
6.	Emission Factor: Reference:			7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.		
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-mo	onth			
	tons/year	From:			To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecte	ed Monit	orin	ng Period:		
	tons/year	□ 5 years □ 10 years					
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissi Emissions established in permit no. 0810055-0		nt:		_		

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1 of 1

1.	Basis for Allowable Emissions Code: (OTHER) assumed by applicant for other reasons (Explain in comment field)	2.	Future Effective Date of Allowable Emissions:	
3.	Allowable Emissions and Units: 20 PARTS PER MILLION DRY GAS VOLUME AS HEXANE @ 3% O2	4.	Equivalent Allowable Emissions: lb/hour	tons/year
5.	Method of Compliance:			

NONE - NO NMOC LIMIT APPLIES

6. Allowable Emissions Comment (Description of Operating Method): NSPS Subpart WWW NMOC limit DOES NOT apply to sludge dryer. LFG treatment system is the 'control device'.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: NOX - Nitrogen Oxides	2. Total P	erce	ent E	ffici	ency of Control:	
3.	Potential Emissions: 1 lb/hour 4.6 to	ons/year	4.	Lin	nthet nited Yes		
5.	Range of Estimated Fugitive Emissions (as app to t	itive Emissions (as applicable): to tons/year					
6.	Emission Factor:				7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND	
	Reference:					KNOWLEDGE OF THE PROCESS.	
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 2	4-m	onth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: □ 5 years □ 10 years					
10.	Calculation of Emissions:						
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: Emissions established in permit no. 0810055-005AC.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: PM - Particulate Matter - PM (Filterable)	2. Total P	erce	nt E	ffici	ency of Control:
3.	Potential Emissions: 5 lb/hour 21.9 to	21.0 tons/year			thet nited Yes	
5.	Range of Estimated Fugitive Emissions (as app to to	ngitive Emissions (as applicable): to tons/year				
6.	Emission Factor:				7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND
	Reference:					KNOWLEDGE OF THE PROCESS.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: To:				
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: □ 5 years □ 10 years				
10.	Calculation of Emissions:					
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: Emissions established in permit no. 0810055-005AC.					

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1 of 1

1.	Basis for Allowable Emissions Code: (OTHER) assumed by applicant for other reasons (Explain in comment field)	2.	Future Effective Date of Allowable Emissions:					
3.	Allowable Emissions and Units:	4.	4. Equivalent Allowable Emissions:					
	5 POUNDS/HOUR		lb/hour	21.9 tons/year				
5.	Method of Compliance:							
	Stack test							
6.	. Allowable Emissions Comment (Description of Operating Method): Emissions Established in permit no. 0810055-005-AC.							

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: PM10 - Particulate Matter - PM10 (Filterable)	2. Total P	erce	ent E	Effici	iency of	Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Lir	nthe nited Yes		✓ No
5.	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year						
6.	Emission Factor:				7.	Emissi	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselii	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projected Monitoring Period:					
	tons/year	□ 5 y	ears	5			10 years
10.	Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: Emissions established in permit no. 0810055-005AC.						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: SO2 - Sulfur Dioxide	2. Total P	ercei	nt Ef	fici	ency of Control:		
3.	Potential Emissions: 1.4 lb/hour 6.1 to	ons/year	4.	Lim				
5.	Range of Estimated Fugitive Emissions (as applicable): to tons/year							
6.	Emission Factor:				7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND		
	Reference:					KNOWLEDGE OF THE PROCESS.		
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: To:						
9.a.	Projected Actual Emissions (if required): tons/year		cted Monitoring Period: years			_		
10.	Calculation of Emissions:							
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: Emissions established in permit no. 0810055-005AC.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total P	erce	nt E	ffici	ency of Control:		
3.	Potential Emissions: .18 lb/hour .8 to	ons/year	4.	Lim	thet nited Yes			
5.	Range of Estimated Fugitive Emissions (as applicable): to tons/year							
6.	Emission Factor:				7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND		
	Reference:					KNOWLEDGE OF THE PROCESS.		
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: To:						
9.a.	Projected Actual Emissions (if required): tons/year	_	ed Monitoring Period: years			_		
10.	Calculation of Emissions:							
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: Emissions established in permit no. 0810055-005AC.							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

<u>Visible Emissions Limitation:</u> Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype:	2. Basis for Allowable Opacity:			
	VE20 - VISIBLE EMISSIONS - 20% NORMAL OPACITY		□ Rule	Other	
3.	Allowable Opacity:				
	Normal Conditions: % Excep	Exceptional Conditions: %			
	Maximum Period of Excess Opacity Allowed:			min/hour	
4.	Method of Compliance:				
	EPA METHOD 22				
5.	Visible Emissions Comment:				
	Permit No. 0810055-008-AV S.C. B.7.				

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

No Continuous Monitoring information submitted.

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Process Flow Diagram (Required for all permit applications, except Title V revision applications if this information was submitted to the department w years and would not be altered as a result of the revision being sought) Applicable Previously Submitted, Date: 26-SEP-06	air operation permit ithin the previous five ☐ Attachment
2.	Fuel Analysis or Specification (Required for all permit applications, except permit revision applications if this information was submitted to the depart previous five years and would not be altered as a result of the revision being Applicable Previously Submitted, Date: 26-SEP-06	ment within the
3.	Detailed Description of Control Equipment (Required for all permit application appropriate air operation permit revision applications if this information was submitted within the previous five years and would not be altered as a result of the revious Applicable Previously Submitted, Date:	to the department
4.	Procedures for Startup and Shutdown (Required for all operation permit apy V air operation permit revision applications if this information was submitt within the previous five years and would not be altered as a result of the reversional Previously Submitted, Date: 25-AUG-09	ed to the department
5.	Operation and Maintenance Plan (Required for all permit applications, exception applications if this information was submitted to the department previous five years and would not be altered as a result of the revision being Applicable Previously Submitted, Date: 25-AUG-09	ment within the
6.	Compliance Demonstration Reports/Records ✓ Applicable ☐ Previously Submitted, Date: ✓ To Be Submitted, Date (if known): 13-NOV-14 Previously Submitted Test Date(s)/Pollutants Tested: Particulate Matter and Mercury Emissions testing due To be Submitted Test Date(s)/Pollutants Tested: Note: For FESOP applications, all required compliance demonstration recosubmitted at the time of application. For Title V air operation permit applic compliance demonstration reports/records must be submitted at the time of compliance plan must be submitted at the time of application.	rds/reports must be ations, all required
7.	Other Information Required by Rule or Statute ☐ Applicable	☐ Attachment

Additional Requirements for Title V Air Operation Permit Applications

1.	Identification of Applicable Requirements	
	Applicable	Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	☐ Applicable Alternative Modes of Operation (Emissions Trading)	☐ Attachment

Add	litional Requirements for Air Construction Permit Applications	
1.	Control Technology Review and Analysis (Rules 62-212.400(10) and 62-2 CFR 63.43(d) and (e))	212.500(7), F.A.C.; 40
	☐ Applicable	☐ Attachment
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d), 212.500(4)(f), F.A.C.)	F.A.C., and Rule 62-
	☐ Applicable	☐ Attachment
3.	Description of Stack Sampling Facilities (Required for proposed new stack only)	sampling facilities
	☐ Applicable	☐ Attachment
Oth	er Information Regarding this Emissions Unit	
1.	Other Emissions Unit Information	
	☐ Applicable	☐ Attachment
	Note: Provide any other information related to the emissions unit addressed Information Section that is not elsewhere provided in the application, not of that you, the applicant, believe may be helpful.	
Ada	litional Requirements Comment	
I		

Emission Unit Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic	Date
			Document	Uploaded
Identification of	Attachment 21 Rule	Attachment 21 - EU004	Yes	09/22/2014
Applicable	applicability EU004	Sludge Dryer Rule		
Requirements	Sludge Dryer.pdf	Applicability		

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1.	(Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)						
	▼ The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.						
	☐ The emissions unit addressed in this Emiss emissions unit.	ions l	Unit Information Sec	tion is an unregulated			
Emi	issions Unit Description and Status						
1.	Type of Emissions Unit Addressed in this Section: (Check one)						
	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).						
	☐ This Emissions Unit Information Section a process or production units and activities w (stack or vent) but may also produce fugitive	hich	has at least one defin				
	☐ This Emissions Unit Information Section a process or production units and activities w						
2.	Description of Emissions Unit Addressed in thi	s Sec	tion:				
	Dried product handling system						
3.	Emissions Unit Identification Number: 5						
4.	Emissions Unit Status Code: A 5. Commence Construction Date: A 6. Initial Startup Date: Date: 31-JUL-08 7. Emissions Unit Major Group SIC Code: 49						
8.	Federal Program Applicability: (Check all that	apply)				
	☐ Acid Rain Unit						
	☐ CAIR Unit						
9.	Package Unit	N	Model Number:				
	Manufacturer:						
10.	Generator Nameplate Rating: MW						
11.	Emissions Unit Comment:						

Emissions Unit Control Equipment

Code	Equipment	Description
17	FABRIC FILTER MEDIUM TEMPERATURE (180F <t<250f)< td=""><td>baghouse</td></t<250f)<>	baghouse

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate: 29 TONS/HR.				
2.	Maximum Production Rate:				
3.	Maximum Heat Input Rate: million Btu/hr				
4.	Maximum Incineration Rate:	pounds/hr tons/day			
5.	Requested Maximum Operating Schedule:				
		hours/day	days/week		
		weeks/year	8760 hours/year		
6.	Operating Capacity/Schedule Comment:				
	based on input to dryer				

C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

Emission Point Description and Type

1.	Identification of Point on Plot Plan or Flow			2. Emission Point Type Code:			
	Diagram:			2 - An emission point serving 2 or more EU's capable of simultaneous operation			
3.	Descriptions of Emission Poi	nts Comprising th	his Emissions Unit for VE Tracking:				
4.	ID Numbers or Descriptions4 - Sludge Dryer	of Emission Units	s with	this Emissio	on Point in Common:		
5.	Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION	6. Stack Height: 65 feet			7. Exit Diameter: 1.8 feet		
8.	Exit Temperature: 183° F	9. Actual Volumetric Flow Rate: 2500 acfm		ic Flow	10. Water Vapor: %		
11.	. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet				
13.	3. Emission Point UTM Coordinates Zone: East (km): North (km):		14. Emission Point Latitude/Longitude Latitude: Longitude:				
15.	Emission Point Comment:						

D. SEGMENT (PROCESS/FUEL) INFORMATION Segment Description and Rate: Segment 1 of 1

<u>Segi</u>	egment Description and Rate: Segment 1 of 1					
1.	Segment Description (Process/Fuel Type):					
2.	2. Source Classification Code (SCC): 50100799 3. SCC Units: Million Gallons Wastewater Processed					
4.	Maximum Hourly Rate:	5. Maximum Annual Rate:		6. Estimated Annual Activity Factor:		
7.	Maximum % Sulfur:	8. Maximum % Ash:		9. Million Btu per SCC Unit:		
10.	O. Segment Comment: 28.8 tons/hr. based on dryer input rate of wet sludge and recycle					
	Is this a valid segment? Yes					

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

BIO OTT OTHERWISE EMISSIONS CHIV								
1. Pollutant Emitted		Device Code	4. Pollutant Regulatory Code	Valid?				
PM			NS	Yes				
PM10				Yes				

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: PM - Particulate Matter - PM (Filterable)	2. Total P	ercei	nt Ef	fici	ency of Control:
3.	Potential Emissions: .25 lb/hour 1.1 to	ons/year	4.	Lim		
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year				
6.	Emission Factor:				7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND
	Reference:					KNOWLEDGE OF THE PROCESS.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24	1-mo	nth	Period: To:
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: ☐ 5 years ☐ 10 years				
10.	Calculation of Emissions:					
11.	Pollutant Potential, Fugitive, and Actual Emissions Comment: Emissions established in permit no. 0810055-005AC.					

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

No Pollutant Allowable Emissions information submitted.

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: PM10 - Particulate Matter - PM10 (Filterable)	2. Total P	erce	ent E	Effici	iency of	Control:
3.	Potential Emissions: lb/hour te	ons/year	4.	Lin	nthen nited Yes		▼ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissi	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	/Ioni	torir	ng Period	d:
	tons/year	□ 5 y	ears	5			10 years
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				
	Emissions established in permit no. 0810055-005AC.						

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

No Pollutant Allowable Emissions information submitted.

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

<u>Visible Emissions Limitation:</u> Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype:	2. Basis for Allowable Opacity:			
	VE20 - VISIBLE EMISSIONS - 20% NORMAL OPACITY	✓ Rule	□ Other		
3.	Allowable Opacity:				
	Normal Conditions: % Excep	otional Conditions:	%		
	Maximum Period of Excess Opacity Allowed:		min/hour		
4.	Method of Compliance:				
	EPA METHOD 9				
5.	Visible Emissions Comment:				

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

No Continuous Monitoring information submitted.

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Process Flow Diagram (Required for all permit applications, except Tit revision applications if this information was submitted to the department years and would not be altered as a result of the revision being sought)	nt within the previous five
2.	Fuel Analysis or Specification (Required for all permit applications, expermit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision	partment within the peing sought)
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
3.	Detailed Description of Control Equipment (Required for all permit appair operation permit revision applications if this information was submit within the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	tted to the department
4.	Procedures for Startup and Shutdown (Required for all operation permit V air operation permit revision applications if this information was sub within the previous five years and would not be altered as a result of the	mitted to the department e revision being sought)
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
5.	Operation and Maintenance Plan (Required for all permit applications, permit revision applications if this information was submitted to the de previous five years and would not be altered as a result of the revision Previously Submitted, Date: 26-SEP-06	partment within the
6.	Compliance Demonstration Reports/Records	
	☐ Applicable ☐ Previously Submitted, Date: ☐ To Be Submitted, Date (if known): Previously Submitted Test Date(s)/Pollutants Tested:	☐ Attachment
	To be Submitted Test Date(s)/Pollutants Tested:	
	Note: For FESOP applications, all required compliance demonstration submitted at the time of application. For Title V air operation permit appropriate demonstration reports/records must be submitted at the time compliance plan must be submitted at the time of application.	plications, all required
7.	Other Information Required by Rule or Statute	
	☐ Applicable	☐ Attachment

Additional Requirements for Title V Air Operation Permit Applications

1.	Identification of Applicable Requirements	
	Applicable	Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	Alternative Modes of Operation (Emissions Trading)	
	☐ Applicable	☐ Attachment

Add	litional Requirements for Air Construction Permit Applications	
1.	Control Technology Review and Analysis (Rules 62-212.400(10) and 62-212 CFR 63.43(d) and (e))	2.500(7), F.A.C.; 40
	☐ Applicable	☐ Attachment
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d), F 212.500(4)(f), F.A.C.)	F.A.C., and Rule 62-
	☐ Applicable	☐ Attachment
3.	Description of Stack Sampling Facilities (Required for proposed new stack sonly)	sampling facilities
	☐ Applicable	☐ Attachment
Oth	ner Information Regarding this Emissions Unit	
1.	Other Emissions Unit Information	
	☐ Applicable	☐ Attachment
	Note: Provide any other information related to the emissions unit addressed Information Section that is not elsewhere provided in the application, not off that you, the applicant, believe may be helpful.	
Add	litional Requirements Comment	

Emission Unit Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic	Date
			Document	Uploaded
		Attachment 22 - EU005 Rule Applicability	Yes	09/22/2014
Requirements	Rule Applicaoliity.pui	Rule Applicability		

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1.	. (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)							
	The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.							
	☐ The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.							
<u>Emi</u>	ssions Unit Descripti	on and Status						
1.	. Type of Emissions Unit Addressed in this Section: (Check one)							
	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).							
	process or produ (stack or vent) b	Unit Information Section a action units and activities was also produce fugiting.	which has at least one define ve emissions.	nable emission point				
		Unit Information Section a activities was units and activities was a section units.						
2.	Description of Emiss Two Dried Product S	sions Unit Addressed in thi Storage Silos	s Section:					
3.	Emissions Unit Ident	ification Number: 6						
4.	Emissions Unit Status Code: A 5. Commence Construction Date: A 6. Initial Startup Date:							
8.	Federal Program App	plicability: (Check all that	apply)					
	☐ Acid Rain Unit							
	☐ CAIR Unit							
9.	Package Unit Manufacturer:		Model Number:					
10.	Generator Nameplate	e Rating: MW						
11.	Emissions Unit Com	ment:						

Emissions Unit Control Equipment

Code	Equipment	Description
18	FABRIC FILTER LOW TEMPERATURE (T<180F)	baghouse

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate: 1 TONS/HR.				
2.	Maximum Production Rate:				
3.	Maximum Heat Input Rate: million Btu/hr				
4.	Maximum Incineration Rate:	pounds/hr tons/day			
5.	Requested Maximum Operating Schedule:				
		hours/day	days/week		
		weeks/year	8760 hours/year		
6.	Operating Capacity/Schedule Comment:				
	One silo at a time is loaded at 1.33 tons/hr. with common baghouse				

C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

Emission Point Description and Type

 3. 4. 	-	nts Comprising th	Emission Point Type Code: 1 - A single emission point serving a single emissions unit is Emissions Unit for VE Tracking: s with this Emission Point in Common:			
5.	•					
<i>J</i> .	Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION	6. Stack Height: 15 feet		7. Exit Diameter: .8 feet		
8.	Exit Temperature: 90° F	9. Actual Volumetric Flow Rate: 2000 acfm		10. Water Vapor: %		
11.	Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet			
	3. Emission Point UTM Coordinates Zone: East (km): North (km):		14. Emission Point Latitude/Longitude Latitude: Longitude:			
15.	5. Emission Point Comment:					

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1 1. Segment Description (Process/Fuel Type): Source Classification Code (SCC): 3. SCC Units: 50100799 Million Gallons Wastewater Processed **Estimated Annual Activity** 4. Maximum Hourly Rate: 5. Maximum Annual Rate: 6. Factor: Million Btu per SCC Unit: Maximum % Sulfur: 8. Maximum % Ash: 10. Segment Comment: Only one silo at a time is loaded at 1.33 tons/hr. max. Is this a valid segment? Yes

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	 Device Code	4. Pollutant Regulatory Code	Valid?
PM		NS	Yes
PM10			Yes

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: PM - Particulate Matter - PM (Filterable)	2. Total P	erce	ent Et	ffici	ency of Control:
3.	Potential Emissions: .22 lb/hour .98 to	ons/year	4.	Lim	thet nited Yes	
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year				
6.	Emission Factor:				7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND
	Reference:					KNOWLEDGE OF THE PROCESS.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 2	4-mc	nth	Period: To:
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed N ears		orin	ng Period: □ 10 years
10.	Calculation of Emissions:					
11.	Pollutant Potential, Fugitive, and Actual Emissi Emissions established in permit no. 0810055-0		nt:			

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

No Pollutant Allowable Emissions information submitted.

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: PM10 - Particulate Matter - PM10 (Filterable)	2. Total P	erce	nt E	Effici	ency of (Control:
3.	Potential Emissions:	ons/year	4.	Lin	nthen		✓ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissic	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24	4-m	onth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto	ed Mears		torir	_	: 0 years
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -**ALLOWABLE EMISSIONS**

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

No Pollutant Allowable Emissions information submitted.

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

<u>Visible Emissions Limitation:</u> Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype:	2. Basis for Allowable Opacity:			
	VE20 - VISIBLE EMISSIONS - 20% NORMAL OPACITY		▼ Rule	□ Other	
3.	Allowable Opacity:				
	Normal Conditions: % Excep	Exceptional Conditions:			
	Maximum Period of Excess Opacity Allowed:			min/hour	
4.	Method of Compliance:				
	EPA METHOD 9				
5.	Visible Emissions Comment:				

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

No Continuous Monitoring information submitted.

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Process Flow Diagram (Required for all permit applications, except Title V air operation permit evision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)				
	✓ Applicable ✓ Previously Submitted, Date: 26-SEP-06	☐ Attachment			
2.	Fuel Analysis or Specification (Required for all permit applications, except permit revision applications if this information was submitted to the depart previous five years and would not be altered as a result of the revision being Applicable Previously Submitted, Date:	ment within the			
3.	Detailed Description of Control Equipment (Required for all permit application operation permit revision applications if this information was submitted within the previous five years and would not be altered as a result of the reversible Applicable Previously Submitted, Date:	to the department			
_					
4.	Procedures for Startup and Shutdown (Required for all operation permit apy V air operation permit revision applications if this information was submitt within the previous five years and would not be altered as a result of the revious	ed to the department			
	✓ Applicable ✓ Previously Submitted, Date: 25-AUG-09	☐ Attachment			
5.	Operation and Maintenance Plan (Required for all permit applications, excepring permit revision applications if this information was submitted to the department of the years and would not be altered as a result of the revision being the state of the revision being the revision being the state of the revision being the state of the revision being the r	ment within the g sought)			
	✓ Applicable ✓ Previously Submitted, Date: 25-AUG-09	☐ Attachment			
6.	Compliance Demonstration Reports/Records				
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment			
	☐ To Be Submitted, Date (if known):				
	Previously Submitted Test Date(s)/Pollutants Tested:				
	To be Submitted Test Date(s)/Pollutants Tested:				
	submitted at the time of application. For Title V air operation permit applic	or FESOP applications, all required compliance demonstration records/reports must be ad at the time of application. For Title V air operation permit applications, all required note demonstration reports/records must be submitted at the time of application, or a note plan must be submitted at the time of application.			
7.	Other Information Required by Rule or Statute				
	☐ Applicable	☐ Attachment			

Additional Requirements for Title V Air Operation Permit Applications

1.	Identification of Applicable Requirements	
	Applicable	Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	Alternative Modes of Operation (Emissions Trading)	
	☐ Applicable	☐ Attachment

Additional Requirements for Air Construction Permit Applications				
1.	Control Technology Review and Analysis (Rules 62-212.400(10) and 62-2 CFR 63.43(d) and (e))	212.500(7), F.A.C.; 40		
	☐ Applicable	☐ Attachment		
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d), 212.500(4)(f), F.A.C.)	, F.A.C., and Rule 62-		
	☐ Applicable	☐ Attachment		
3.	Description of Stack Sampling Facilities (Required for proposed new stack sampling facilities only)			
	☐ Applicable	☐ Attachment		
Other Information Regarding this Emissions Unit				
1.	Other Emissions Unit Information			
	☐ Applicable	☐ Attachment		
	Note: Provide any other information related to the emissions unit addressed in this Emissions Unit Information Section that is not elsewhere provided in the application, not otherwise required and that you, the applicant, believe may be helpful.			
Additional Requirements Comment				

Emission Unit Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic	Date
			Document	Uploaded
Identification of	Attachment 23 EU006	Attachment 23 - EU006	Yes	09/22/2014
Applicable	Rule Applicability.pdf	Rule Applicability		
Requirements				

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1. (Check one, if applying for an initial, revised or renewal Title V air operation perm item if applying for an air construction permit or FESOP only.)				permit. Skip this		
The emissions unit addressed in this Emissions Unit Information Section is emissions unit.				is a regulated		
	☐ The emissions unit addressed in this Emissi emissions unit.	ions l	Unit Information Sec	tion	is an unregulated	
Emi	nissions Unit Description and Status					
1.	Type of Emissions Unit Addressed in this Section: (Check one)					
	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).					
	This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.					
☐ This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.						
2.	Description of Emissions Unit Addressed in this Section:					
	Dried Product Truck Loadout Station					
3.	Emissions Unit Identification Number: 7					
4.	Emissions Unit Status Code: A 5. Commence Construction Date:	6.	Initial Startup Date: 31-JUL-08	7.	Emissions Unit Major Group SIC Code: 49	
8.	Federal Program Applicability: (Check all that a	apply)			
	☐ Acid Rain Unit					
	☐ CAIR Unit					
9.	Package Unit	N	Model Number:			
	Manufacturer:					
10.	. Generator Nameplate Rating: MW					
11.	. Emissions Unit Comment:					

Emissions Unit Control Equipment

Code	Equipment	Description
18	FABRIC FILTER LOW TEMPERATURE (T<180F)	Baghouse

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate: 50 TONS/HR				
2.	Maximum Production Rate:				
3.	Maximum Heat Input Rate: million Btu/hr				
4.	Maximum Incineration Rate:	pounds/hr tons/day			
5.	Requested Maximum Operating Schedule:	hours/day weeks/year	days/week 8760 hours/year		
6.	Operating Capacity/Schedule Comment:				

C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

Emission Point Description and Type

 3. 4. 	Identification of Point on Plo Diagram: Descriptions of Emission Poi ID Numbers or Descriptions	nts Comprising th	1 - A single emissions un is Emissions Unit	t for VE Tracking:
5.	Discharge Type Code:			
<i>J</i> .	(V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION	6. Stack Heigh 15 feet	t:	7. Exit Diameter: .8 feet
8.	Exit Temperature: 90° F	9. Actual Volu Rate: 2000 acfm	metric Flow	10. Water Vapor: %
11.	Maximum Dry Standard Flow dscfm	v Rate:	12. Nonstack Er feet	mission Point Height:
	Emission Point UTM Coordin Zone: East (km) North (km)	:		oint Latitude/Longitude Latitude: Longitude:
15.	Emission Point Comment:			

D. SEGMENT (PROCESS/FUEL) INFORMATION Segment Description and Rate: Segment 1 of 1

<u>Segi</u>	nent Description and Rate:	Segm	ient i oi i			
1.	Segment Description (Proces	s/Fuel	Type):			
2.	Source Classification Code (S 50100799	SCC):		3. SCC U	ons	Wastewater Processed
4.	Maximum Hourly Rate:	5. M	Iaximum A	nnual Rate:	6.	Estimated Annual Activity Factor:
7.	Maximum % Sulfur:	8. N	Aaximum %	Ash:	9.	Million Btu per SCC Unit:
10.	Segment Comment: Loading Trucks at 50 tons/hr	. max.				
	Is this a valid segment? Yes				•	

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	 Device Code	4. Pollutant Regulatory Code	Valid?
PM		NS	Yes
PM10			Yes

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: PM - Particulate Matter - PM (Filterable)	2. Total P	erce	ent Et	ffici	ency of Control:
3.	Potential Emissions: .22 lb/hour .98 to	ons/year	4.	Lim	thet nited Yes	
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year				
6.	Emission Factor:				7.	Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND
	Reference:					KNOWLEDGE OF THE PROCESS.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 2	4-mc	nth	Period: To:
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed N ears		orin	g Period: □ 10 years
10.	Calculation of Emissions:					
11.	Pollutant Potential, Fugitive, and Actual Emissi Emissions established in permit no. 0810055-0		nt:			

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: PM10 - Particulate Matter - PM10 (Filterable)	2. Total P	erce	nt E	Effici	ency of (Control:
3.	Potential Emissions:	ons/year	4.	Lin	nthen		✓ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissic	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24	4-m	onth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto	ed Mears		torir	_	: 0 years
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

<u>Visible Emissions Limitation:</u> Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype:	2. Basis for A	llowable Opacity:
	VE20 - VISIBLE EMISSIONS - 20% NORMAL OPACITY	✓ Rule	□ Other
3.	Allowable Opacity:		
	Normal Conditions: % Excep	otional Condition	ns: %
	Maximum Period of Excess Opacity Allowed:		min/hour
4.	Method of Compliance:		
	EPA METHOD 9		
5.	Visible Emissions Comment:		

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

No Continuous Monitoring information submitted.

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Process Flow Diagram (Required for all permit applications, except Tit revision applications if this information was submitted to the department years and would not be altered as a result of the revision being sought)	nt within the previous five
2.	Applicable Previously Submitted, Date: 26-SEP-06 Fuel Analysis or Specification (Required for all permit applications, ex permit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision because of the revision of the rev	partment within the
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
3.	Detailed Description of Control Equipment (Required for all permit appair operation permit revision applications if this information was submit within the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	tted to the department
4.	Procedures for Startup and Shutdown (Required for all operation permit V air operation permit revision applications if this information was sub within the previous five years and would not be altered as a result of the	mitted to the department
	☐ Applicable	☐ Attachment
5.	Operation and Maintenance Plan (Required for all permit applications, permit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision by Applicable Previously Submitted, Date:	partment within the
6.	Compliance Demonstration Reports/Records	
	☐ Applicable ☐ Previously Submitted, Date: ☐ To Be Submitted, Date (if known): Previously Submitted Test Date(s)/Pollutants Tested:	☐ Attachment
	To be Submitted Test Date(s)/Pollutants Tested:	
	Note: For FESOP applications, all required compliance demonstration is submitted at the time of application. For Title V air operation permit approximate demonstration reports/records must be submitted at the time compliance plan must be submitted at the time of application.	plications, all required
7.	Other Information Required by Rule or Statute	
	☐ Applicable	☐ Attachment

Additional Requirements for Title V Air Operation Permit Applications

1.	Identification of Applicable Requirements	
	Applicable	Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	Alternative Modes of Operation (Emissions Trading)	
	☐ Applicable	☐ Attachment

Add	litional Requirements for Air Construction Permit Applications	
1.	Control Technology Review and Analysis (Rules 62-212.400(10) and 62-212 CFR 63.43(d) and (e))	2.500(7), F.A.C.; 40
	☐ Applicable	☐ Attachment
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d), F 212.500(4)(f), F.A.C.)	F.A.C., and Rule 62-
	☐ Applicable	☐ Attachment
3.	Description of Stack Sampling Facilities (Required for proposed new stack sonly)	sampling facilities
	☐ Applicable	☐ Attachment
Oth	ner Information Regarding this Emissions Unit	
1.	Other Emissions Unit Information	
	☐ Applicable	☐ Attachment
	Note: Provide any other information related to the emissions unit addressed Information Section that is not elsewhere provided in the application, not off that you, the applicant, believe may be helpful.	
Add	litional Requirements Comment	

Emission Unit Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic	Date
			Document	Uploaded
		Attachment 24 - EU007 Rule Applicability	Yes	09/22/2014

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

<u>Title V Air Operation Permit Emissions Unit Classification</u>

1.	(Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)										
	The emissions u emissions unit.	nit addressed in this Emiss	sions Un	it Information Se	ection is a regulated						
	The emissions u emissions unit.	nit addressed in this Emiss	sions Un	it Information Se	ection is an unregulated						
<u>Emi</u>	Emissions Unit Description and Status										
1.	Type of Emissions U	Init Addressed in this Sect	ion: (Ch	eck one)							
	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).										
	☐ This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.										
	☐ This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.										
2.	Description of Emissions Unit Addressed in this Section: Diesel Engines										
3.	Emissions Unit Iden	tification Number: 11									
4.	Emissions Unit Status Code: A	5. Commence Construction Date:		nitial Startup Date:	7. Emissions Unit Major Group SIC Code: 49						
8.	Federal Program App ☐ Acid Rain Unit ☐ CAIR Unit	plicability: (Check all that	apply)								
9.	Package Unit		Mo	del Number:							
1.0	Manufacturer:	D.:									
	Generator Nameplate										
11.	Emissions Unit Com		. 0		127707717						
	Misc. large diesel en Subpart ZZZZ	gines used to power equip	. at facil	ity; May be subje	ect to revised NESHAP						

Emissions Unit Control Equipment

No Control Equipment information submitted.

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.) Emissions Unit Operating Capacity and Schedule

No Capacity information submitted.

C. EMISSION POINT (STACK/VENT) INFORMATION

(Optional for unregulated emissions units.)

Е	mis	sio	n P	oint	D	esc	riı	pti	on	and	\mathbf{T}	yp	e

1.	Identification of Point on Plot Diagram: MISCELLANEOUS LARGE ENGINES POWERING EQU FAC	E DU	ESEK	 Emission Point Type Code: 3 - A configuration of multiple emissions points serving a single emissions unit 				
3.	Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:							
4.	. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:							
5.	Discharge Type Code: (W) A VERTICAL STACK WITH A WEATHER CAP OR SIMILAR OBSTRUCTION IN THE EXHAUST STREAM	6.	Stack Height feet	t:	7. Exit Diameter: feet			
8.	Exit Temperature: ° F	9.	Actual Volum Rate: acfm	metric Flow	10. Water Vapor: %			
11.	Maximum Dry Standard Flov dscfm	v Ra	te:	12. Nonstack En	nission Point Height:			
13.	Emission Point UTM Coordin	nates	S	14. Emission Po	int Latitude/Longitude			
	Zone: East (km):				Latitude:			
	North (km)	:		Longitude:				
15.	Emission Point Comment:							
	various engine exhaust stacks	5						

D. SEGMENT (PROCESS/FUEL) INFORMATION ion and Rate: Segment 1 of 2

Segi	nent Description and Rate:	Segment 1 of 2						
1.	Segment Description (Process/Fuel Type): Miscellaneous large diesel engines used to power equipment at facility							
2.	Source Classification Code (\$20100102	SCC):	3. SCC Units: 1000 Gallons Distillate Oil (Diesel) Burned					
4.	Maximum Hourly Rate:	5. Maximum A	annual Rate:	6. Estimated Annual Activity Factor:				
7.	Maximum % Sulfur:	8. Maximum %	% Ash:	9. Million Btu per SCC Unit:				
10.	Segment Comment:							
	Is this a valid segment? Yes							

Segment Description and Rate: Segment 2 of 2

Segi	nent Description and Kate.	SUE						
1.	Segment Description (Process/Fuel Type): Landfill Gas							
2.	Source Classification Code (SCC): 20100807			3. SCC Units: Million Cubic Feet Landfill Gas Burned				
4.	Maximum Hourly Rate: .036	5.	5. Maximum Annual Rate: 287		6.	Estimated Annual Activity Factor:		
7.	Maximum % Sulfur: .05	8.	8. Maximum % Ash: 0		9.	Million Btu per SCC Unit: 456		
10.	0. Segment Comment: Values obtained from previous permit for Diesel Engines.							
	Is this a valid segment? Yes							

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	2. Primary Control Device Code	3	4. Pollutant Regulatory Code	Valid?
CO				Yes
NOX				Yes
PM				Yes
PM10				Yes
SO2				Yes
VOC				Yes

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: CO - Carbon Monoxide	2. Total Percent Efficiency of Control:							
3.	Potential Emissions: 1b/hour to	ons/year	4. Lin	nthet nited Yes					
5.	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year								
6.	Emission Factor:			7.	Emissions Method Code:				
	Reference:								
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-mo	onth	Period:				
	tons/year	From:			To:				
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Moni	torin	g Period:				
	tons/year	□ 5 y	ears		□ 10 years				
10.	Calculation of Emissions:								
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment:								

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: NOX - Nitrogen Oxides	2. Total Percent Efficiency of Control:						
3.	Potential Emissions:	ons/year	4.	Liı	nthe nited		□ No	
5.	6. Range of Estimated Fugitive Emissions (as applicable): to tons/year							
6.	Emission Factor:				7.	Emissi	ons Method Code:	
	Reference:							
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:		
	tons/year	From:				To:		
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Mon i	itorii	ng Perio	d:	
	tons/year	□ 5 y	ears	5			10 years	
10.	Calculation of Emissions:							
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment:							

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: PM - Particulate Matter - PM (Filterable)	2. Total P	erce	ent E	Effici	iency of	Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Lir	nthen nited Yes		□ No
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:				7.	Emissi	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	⁄Ioni	torir	ng Perio	d:
	tons/year	□ 5 y	ears	3			10 years
10.	Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment:						

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: PM10 Portion late Metter PM10 (Filterable)	2. Total Percent Efficiency of Control:					
3.	PM10 - Particulate Matter - PM10 (Filterable) Potential Emissions:		4.			tically	
J.		ons/year	Limited?				□ No
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor:				7.	Emissio	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Ioni [°]	torir	ng Period	l:
	tons/year	□ 5 y	ears	}			10 years
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: SO2 - Sulfur Dioxide	2. Total Percent Efficiency of Control:							
3.	Potential Emissions: lb/hour to	ons/year	4. Lii	nthet mited Yes					
5.	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year								
6.	Emission Factor:			7.	Emissions Method Code:				
	Reference:								
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 24-m	onth					
	tons/year	From:			To:				
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed Moni	itorin	ng Period:				
	tons/year	□ 5 y	ears		□ 10 years				
10.	Calculation of Emissions:								
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment:								

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

1.	Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour to	ons/year	4.	Lir	nthenited Yes		□ No
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor:				7.	Emissio	ons Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-m	onth	Period:	
	tons/year	From:				To:	
9.a.	Projected Actual Emissions (if required):	9.b. Projecto	ed N	Ioni	torir	ng Period	1:
	tons/year	□ 5 y	ears	\$			10 years
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissi	ons Commer	nt:				

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

No Visible Emissions information submitted.

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

No Continuous Monitoring information submitted.

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Process Flow Diagram (Required for all permit applications, except Trevision applications if this information was submitted to the department years and would not be altered as a result of the revision being sought. Applicable Previously Submitted, Date:	ent within the previous five
2.	Fuel Analysis or Specification (Required for all permit applications, expermit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision Applicable Previously Submitted, Date:	epartment within the
3.	Detailed Description of Control Equipment (Required for all permit are air operation permit revision applications if this information was submy within the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	nitted to the department
4.	Procedures for Startup and Shutdown (Required for all operation perm V air operation permit revision applications if this information was sul within the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	bmitted to the department
5.	Operation and Maintenance Plan (Required for all permit applications permit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision Applicable Previously Submitted, Date:	epartment within the
6.	Compliance Demonstration Reports/Records Applicable Previously Submitted, Date: Attachment To Be Submitted, Date (if known): Previously Submitted Test Date(s)/Pollutants Tested: To be Submitted Test Date(s)/Pollutants Tested: Note: For FESOP applications, all required compliance demonstration records/reports must be submitted at the time of application. For Title V air operation permit applications, all required compliance demonstration reports/records must be submitted at the time of application, or a compliance plan must be submitted at the time of application.	
7.	Other Information Required by Rule or Statute Applicable	☐ Attachment

Additional Requirements for Title V Air Operation Permit Applications

1.	Identification of Applicable Requirements	
	☐ Applicable	☐ Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	Alternative Modes of Operation (Emissions Trading)	
	☐ Applicable	☐ Attachment

Insignificant Activities List upon renewal of the permit.

Add	itional Requirements for Air Construction Permit Applications	
1.	Control Technology Review and Analysis (Rules 62-212.400(10) and 62-212.500(7), F.A.C.; CFR 63.43(d) and (e))	40
	☐ Applicable ☐ Attachment	t
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(d), F.A.C., and Rule 62-212.500(4)(f), F.A.C.)	52-
	☐ Applicable ☐ Attachment	t
3.	Description of Stack Sampling Facilities (Required for proposed new stack sampling facilities only)	3
	☐ Applicable ☐ Attachment	t
Oth	er Information Regarding this Emissions Unit	
1.	Other Emissions Unit Information	
	☐ Applicable ☐ Attachment	ţ
	Note: Provide any other information related to the emissions unit addressed in this Emissions Information Section that is not elsewhere provided in the application, not otherwise required a that you, the applicant, believe may be helpful.	
Add	itional Requirements Comment	
It is	requested that this emissions unit be removed from the emissions unit list, and added to the	

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1.	· 11 5 C			item if applying for an air construction permit or FESOP only.)				
	The emissions unit addressed in this Emi emissions unit.		• /	ection	is a regulated			
	The emissions unit addressed in this Emi emissions unit.	ssions	Unit Information Se	ection	is an unregulated			
<u>Emi</u>	ssions Unit Description and Status							
1.	Type of Emissions Unit Addressed in this Sec	ction:	(Check one)					
	This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).							
	This Emissions Unit Information Section process or production units and activities (stack or vent) but may also produce fugi	which	has at least one def					
	☐ This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.							
2.	Description of Emissions Unit Addressed in t LFG Fired Engine Generator Set (w/LFG Gas							
3.	Emissions Unit Identification Number: 12							
4.	Emissions Unit Status Code: A 5. Commence Construction Date:	6.	Initial Startup Date:	7.	Emissions Unit Major Group SIC Code: 49			
8.	Federal Program Applicability: (Check all tha	ıt appl	y)	<u> </u>				
	☐ Acid Rain Unit							
	☐ CAIR Unit							
9.	Package Unit CATERPILLAR Manufacturer:		Model Number:	G 352	20C (DM 5860)			
10.	Generator Nameplate Rating: 2 MW	7						
11.	Emissions Unit Comment:							
	1.6 MW LFG fired engine generator set; inclucation control device for purposes of compliance with the control device of the compliance with the control of t				which will be LFG			

Emissions Unit Control Equipment

Code	Equipment	Description
0	NO CONTROL EQUIPMENT	N/A

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate: 16 MMBTU/HR				
2.	Maximum Production Rate:				
3.	Maximum Heat Input Rate: million Btu/hr				
4.	Maximum Incineration Rate:	pounds/hr tons/day			
5.	Requested Maximum Operating Schedule:				
		hours/day	days/week		
		weeks/year	8760 hours/year		
6.	Operating Capacity/Schedule Comment:				
	2,233 bhp engine; 1.6 MW generator				

C. EMISSION POINT (STACK/VENT) INFORMATION (Optional for unregulated emissions units.) Emission Point Description and Type

1.	Identification of Point on Plot Plan or Flow Diagram: ENGINE EXHAUST VENT		2. Emission Point Type Code:1 - A single emission point serving a single emissions unit			
3.	Descriptions of Emission Poi	nts Comprising th	nis Emissions Unit for VE Tracking:			
4.	ID Numbers or Descriptions	of Emission Units	with this Emissio	on Point in Common:		
5.	 Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION 6. Stack Height 25 feet 		t:	7. Exit Diameter: 1.42 feet		
8.	Exit Temperature: 898° F	9. Actual Volum Rate: 12476 acfm	metric Flow	10. Water Vapor: %		
11.	. Maximum Dry Standard Flow Rate: 4865 dscfm		12. Nonstack Emission Point Height: feet			
13.	3. Emission Point UTM Coordinates Zone: East (km): 355.02 North (km): 3049.21		14. Emission Point Latitude/Longitude Latitude: Longitude:			
15.	Emission Point Comment: Flow rate for gas containing 5	50% CH4 will var	ry depending upon	LFG Composition.		

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1 Segment Description (Process/Fuel Type): Source Classification Code (SCC): 3. SCC Units: 20100807 Million Cubic Feet Landfill Gas Burned **Estimated Annual Activity** 4. Maximum Hourly Rate: 6. 5. Maximum Annual Rate: Factor: .036 287 1 Million Btu per SCC Unit: 7. Maximum % Sulfur: 8. Maximum % Ash: 456 .05 0

10. Segment Comment:

16.38 MMBtu/hr. See 0810055-009-AC application for calculation.

Is this a valid segment? Yes

E. EMISSIONS UNIT POLLUTANTS

List of Pollutants Emitted by Emissions Unit

1. Pollutant Emitted	2. Primary Control Device Code	3	4. Pollutant Regulatory Code	Valid?
CO			NS	Yes
NMOC			NS	Yes
NOX			NS	Yes
PM			NS	Yes
SO2			NS	Yes
VOC			NS	No

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: CO - Carbon Monoxide	2. Total P	erce	ent Et	ffici	ency of Control:
3.	Potential Emissions: 14.8 lb/hour 64.7 to	ons/year	4.	Lin	thet nited Yes	
5.	Range of Estimated Fugitive Emissions (as app to t	olicable): ons/year				
6.	Emission Factor: 3 GRAMS/BHP-HR Reference:				7.	Emissions Method Code: (5) CALCULATED USING EMISSION FACTOR OTHER THAN ONE LISTED IN METHOD 1 - 4.
8.a.	. Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 2	4-mc	onth	Period: To:
9.a.	. Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed N ears		torin	ng Period: □ 10 years
10.	Calculation of Emissions:					
11.	Pollutant Potential, Fugitive, and Actual Emissi See Application for 0810055-009-AC for emissi			s.		

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -**ALLOWABLE EMISSIONS**

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1 of 1

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: 5 GRAMS PER HORSEPOWER-HOUR	4.	Equivalent Allowable Emissions: lb/hour 107.7 tons/year
5.	Method of Compliance: stack test - see comment		
6.	Allowable Emissions Comment (Description of 610 ppvd@ 15%O2 is another form of the NSF 3 years or 8760 hrs of operation, whichever occ	S Si	abpart JJJJ CO limit; Initial test, and then every

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: NMOC - Nonmethane Organic Compounds from MSW Landfill	2. Total P	ercent E	fficiency of	f Control:
3.	Potential Emissions: 4.9 lb/hour 21.57 to	ons/year	4. Lin	nthetically nited? Yes	✓ No
5.	Range of Estimated Fugitive Emissions (as approximated to to to	olicable): ons/year			
6.	Emission Factor: 1 GRAMS/BHP-HR Reference:			(5) CA USINO FACT THAN	ions Method Code: ALCULATED G EMISSION OR OTHER N ONE LISTED IN HOD 1 - 4.
8.a	. Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	ne 24-mo	onth Period: To:	
9.a	. Projected Actual Emissions (if required): tons/year	9.b. Projecto		•	od: 10 years
10.	Calculation of Emissions:				
11.	Pollutant Potential, Fugitive, and Actual Emissis See Application for 0810055-009-AC for emission				

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

No Pollutant Allowable Emissions information submitted.

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: NOX - Nitrogen Oxides	2. Total P	erce	ent E	ffici	ency of Control:
3.	Potential Emissions: 2.95 lb/hour 12.94 t	ons/year	4.	Lin	thet nited Yes	
5.	Range of Estimated Fugitive Emissions (as approx to t	olicable): ons/year				
6.	Emission Factor: .6 GRAMS/BHP-HR Reference:				7.	Emissions Method Code: (5) CALCULATED USING EMISSION FACTOR OTHER THAN ONE LISTED IN METHOD 1 - 4.
8.a.	. Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 2	4-mc	onth	Period: To:
9.a.	. Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed N ears		torin	ng Period: □ 10 years
10.	Calculation of Emissions:					
11.	Pollutant Potential, Fugitive, and Actual Emissi See Application for 0810055-009-AC for emis			ıs.		

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -**ALLOWABLE EMISSIONS**

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions Allowable Emissions 1 of 1

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: 2 GRAMS PER HORSEPOWER-HOUR	4.	Equivalent Allowable Emissions: lb/hour 43.1 tons/year
5.	Method of Compliance: stack test - see comment		
6.	Allowable Emissions Comment (Description o 150 ppmvd@15% O2 is another form of NSPS yeras or 8760 hrs of operation, whichever occur	Sub	part JJJJ NOx limit; initial test plus every 3

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: PM - Particulate Matter - PM (Filterable)	2. Total P	erce	ent Ef	fficie	ncy of Control:
3.	Potential Emissions: .785 lb/hour 3.4 to	ons/year	4.	Lim	thetic ited? Yes	
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year				
6.	Emission Factor: 48 OTHER (SPECIFY IN COM Reference: AP-42	MENT)]	Emissions Method Code: (5) CALCULATED USING EMISSION FACTOR OTHER THAN ONE LISTED IN METHOD 1 - 4.
8.a.	. Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 2	4-mo	nth F	Period: To:
9.a.	. Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed N ears		oring	g Period: 10 years
10.	Calculation of Emissions:					
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: See Application for 0810055-009-AC for emissions calculations.					

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

No Pollutant Allowable Emissions information submitted.

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: SO2 - Sulfur Dioxide	2. Total P	erce	ent Et	ffici	ency of Control:
3.	Potential Emissions: 2.76 lb/hour 12.1 to	ons/year	4.	Lin	thet nited Yes	
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year				
6.	Emission Factor: 500 OTHER (SPECIFY IN CON Reference:	MMENT)			7.	Emissions Method Code: (5) CALCULATED USING EMISSION FACTOR OTHER THAN ONE LISTED IN METHOD 1 - 4.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 2	4-mo	nth	Period: To:
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed N		orin	ng Period: □ 10 years
10.	Calculation of Emissions:					
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: See Application for 0810055-009-AC for emissions calculations.					

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

No Pollutant Allowable Emissions information submitted.

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions

Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.

1.	Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total P	erce	ent E	ffici	ency of Control:
3.	Potential Emissions:	ons/year	4.	Lin	ithet nited Yes	
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year				
6.	Emission Factor:				7.	Emissions Method Code: (5) CALCULATED USING EMISSION FACTOR OTHER
	Reference:					THAN ONE LISTED IN METHOD 1 - 4.
8.a.	Baseline Actual Emissions (if required):	8.b. Baselin	ne 2	4-ma	onth	Period:
	tons/year	From:				To:
9.a.	Projected Actual Emissions (if required):	9.b. Projecto			torin	_
	tons/year	⊔ эу	ears	.		□ 10 years
10.	Calculation of Emissions:					
11.	. Pollutant Potential, Fugitive, and Actual Emissions Comment: Above PTE is estimated actual VOC/NMOC TPY emission rate based on manufacturers emission rate information. See 0810055-009-AC application for calculation.					

F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - ALLOWABLE EMISSIONS

Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.

Allowable Emissions 1 of 1

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:				
3.	Allowable Emissions and Units: 1 GRAMS PER HORSEPOWER-HOUR	4.	Equivalent Allowable Emissions: lb/hour 21.6 tons/	year			
5.	Method of Compliance: stack test - see comment below						
6.	Allowable Emissions Comment (Description of Operating Method): 50 ppmvvd@15%O2 is another form of NSPS Subpart JJJJ VOC emission limit; initial test, and then every 3 years or 8760 hr of operation, whichever occurs first						

G. VISIBLE EMISSIONS INFORMATION

Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

<u>Visible Emissions Limitation:</u> Visible Emissions Limitation 1 of 1

1.	sible Emissions Subtype: 2. Basis for Allowable Opacity:			Opacity:	
	VE20 - VISIBLE EMISSIONS - 20% NORMAL OPACITY		Rule	□ Other	
3.	Allowable Opacity:				
	Normal Conditions: 20% Excep	tional Co	onditions:	20%	
	Maximum Period of Excess Opacity Allowed:			min/hour	
4.	Method of Compliance:				
	EPA METHOD 9				
5.	Visible Emissions Comment:				
	Engine process will be observed at the beginning of each shift to ensure compliance.				

H. CONTINUOUS MONITOR INFORMATION

Complete if this emissions unit is or would be subject to continuous monitoring.

Continuous Monitoring System: Continuous Monitor 1 of 1

 CMS Requirement:	1.	Parameter Code: EM - EMISSION	2.	Pollutant(s): NMOC	
Manufacturer: Model Number: Serial Number: 5. Installation Date: 6. Performance Specification Test Date: 7. Continuous Monitor Comment: Compliance with NSPS NMOC levels will be ensured via the temperature of the engine exhaust. The exhaust temperature will be continually monitored to assure 98% destruction efficiency.	3.	CMS Requirement:	V	Rule	□ Other
7. Continuous Monitor Comment: Compliance with NSPS NMOC levels will be ensured via the temperature of the engine exhaust. The exhaust temperature will be continually monitored to assure 98% destruction efficiency.	4.	Manufacturer: Model			
Compliance with NSPS NMOC levels will be ensured via the temperature of the engine exhaust. The exhaust temperature will be continually monitored to assure 98% destruction efficiency.	5.	Installation Date:	6.	Performance Specific	cation Test Date:
Status: Active	7.	Compliance with NSPS NMOC levels will be e			
		Status: Active			

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

1.	Process Flow Diagram (Required for all permit applications, except Trevision applications if this information was submitted to the department years and would not be altered as a result of the revision being sought. Applicable Previously Submitted, Date:	ent within the previous five
2.	Fuel Analysis or Specification (Required for all permit applications, expermit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision Applicable Previously Submitted, Date:	epartment within the
3.	Detailed Description of Control Equipment (Required for all permit apair operation permit revision applications if this information was submitted within the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	nitted to the department
4.	Procedures for Startup and Shutdown (Required for all operation perm V air operation permit revision applications if this information was sul within the previous five years and would not be altered as a result of the Applicable Previously Submitted, Date:	bmitted to the department
5.	Operation and Maintenance Plan (Required for all permit applications permit revision applications if this information was submitted to the deprevious five years and would not be altered as a result of the revision Applicable Previously Submitted, Date:	epartment within the
6.	Compliance Demonstration Reports/Records ✓ Applicable ☐ Previously Submitted, Date: ☐ To Be Submitted, Date (if known): Previously Submitted Test Date(s)/Pollutants Tested: To be Submitted Test Date(s)/Pollutants Tested: Note: For FESOP applications, all required compliance demonstration submitted at the time of application. For Title V air operation permit a compliance demonstration reports/records must be submitted at the time compliance plan must be submitted at the time of application.	pplications, all required
7.	Other Information Required by Rule or Statute ☐ Applicable	☐ Attachment

Additional Requirements for Title V Air Operation Permit Applications

1.	Identification of Applicable Requirements	
	Applicable	Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	Alternative Modes of Operation (Emissions Trading)	
	☐ Applicable	☐ Attachment

Aac	attional Requirements for Air Construction Permit Applications					
1.	Control Technology Review and Analysis (Rules 62-212.400(10) and 62 CFR 63.43(d) and (e))	-212.500(7), F.A.C.; 40				
	☐ Applicable	☐ Attachment				
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400(4)(0212.500(4)(f), F.A.C.)	d), F.A.C., and Rule 62-				
	☐ Applicable	☐ Attachment				
3.	Description of Stack Sampling Facilities (Required for proposed new state only)	ck sampling facilities				
	☐ Applicable	☐ Attachment				
Oth	ner Information Regarding this Emissions Unit					
1.	Other Emissions Unit Information					
	Applicable	Attachment				
	Note: Provide any other information related to the emissions unit address Information Section that is not elsewhere provided in the application, not that you, the applicant, believe may be helpful.					
Add	Additional Requirements Comment					

Emission Unit Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic Document	
Process Flow Diagram	Attachment 25-Process Flow Diagram.pdf	Attachment 25 - EU 012 Process Flow Diagram	Yes	09/22/2014
Fuel Analysis or Specification	Attachment 16- Utility Flare Fuel Analysis.pdf	See Attachment 16 - Fuel Analysis	Yes	09/22/2014
Procedures for Startup and Shutdown	Attachment 27-Equipment Submittal CAT G3520_Part3.pdf	Attachment 27 Part 3 - Equipment Submittal CAT G3520	Yes	09/22/2014
	Attachment 27-Equipment Submittal CAT G3520_Part8.pdf	Attachment 27 Part 8 - Equipment Submittal CAT G3520	Yes	09/22/2014
	Attachment 27-Equipment Submittal CAT G3520_Part6.pdf	Attachment 27 Part 6 - Equipment Submittal CAT G3520	Yes	09/22/2014
	Attachment 27-Equipment Submittal CAT G3520_Part5.pdf	Attachment 27 Part 5 - Equipment Submittal CAT G3520	Yes	09/22/2014
	Attachment 27-Equipment Submittal CAT G3520_Part2.pdf	Attachment 27 Part 2 - Equipment Submittal CAT G3520	Yes	09/22/2014
	Attachment 27-Equipment Submittal CAT G3520_Part1.pdf	Attachment 27 Part 1 - Equipment Submittal CAT G3520	Yes	09/22/2014
	Attachment 27-Equipment Submittal CAT G3520_Part7.pdf	Attachment 27 Part 7 - Equipment Submittal CAT G3520	Yes	09/22/2014
	Attachment 27-Equipment Submittal CAT G3520_Part4.pdf	Attachment 27 Part 4 - Equipment Submittal CAT G3520	Yes	09/22/2014
Compliance Demonstration Reports/Records	Attachment 28- Engine IPT Submittal.pdf	Attachment 28 - Compliance Demonstration Report		09/22/2014
Other Emissions Unit Information	Manatee Logs May through July 2014.pdf	Attachment 30 - EU-012 LFG Gas Treatment System Operating Parameter Monitoring Records	Yes	09/22/2014
Identification of Applicable Requirements	Attachment 29-Rule Applicability.pdf	Attachment 29 - Identification of Applicable Requirements	Yes	09/22/2014