

Facility ID No. 42079E122

Combustion Device ID No. 0001

5. Description

a. Boilers (indicate all that apply)

- | | | | |
|--|--|---|--|
| <input type="checkbox"/> Field-erected | <input type="checkbox"/> Moving Grate Stoker | <input type="checkbox"/> Semi-suspension | <input type="checkbox"/> Natural Draft |
| <input checked="" type="checkbox"/> Package | <input type="checkbox"/> Spreader Stoker | <input type="checkbox"/> Full suspension | <input type="checkbox"/> Forced Draft |
| <input checked="" type="checkbox"/> Water tube | <input type="checkbox"/> Vibratory Stoker | <input type="checkbox"/> Wet Bottom | <input type="checkbox"/> Induced Draft |
| <input type="checkbox"/> Fire tube | <input type="checkbox"/> Circulating Fluidized Bed | <input type="checkbox"/> Dry Bottom | <input type="checkbox"/> Balanced Draft |
| <input type="checkbox"/> Dutch Oven | <input type="checkbox"/> Bubbling Fluidized Bed | <input type="checkbox"/> Wall-Fired | <input type="checkbox"/> Air Preheat |
| <input type="checkbox"/> Coil Tube | <input type="checkbox"/> Mass Feed | <input type="checkbox"/> Tangentially-Fired | <input type="checkbox"/> Coal converted to liquid or gas |
| <input type="checkbox"/> Cell Type | <input type="checkbox"/> Pneumatically fed | <input type="checkbox"/> Cyclone-Fired | |
| <input type="checkbox"/> Pulverized Coal | <input type="checkbox"/> Under Feed | <input type="checkbox"/> Fixed Grate | <input type="checkbox"/> Other: _____ |

b. Process Heater (select one) (See instructions for descriptions)

indirect-fired direct-fired

c. Incinerator (indicate all that apply)

- | | | | |
|--|--|---|---|
| <input type="checkbox"/> metals recovery | <input type="checkbox"/> fixed hearth | <input type="checkbox"/> infrared furnace | <input type="checkbox"/> fluid bed |
| <input type="checkbox"/> burn-off oven | <input type="checkbox"/> spreader stoker | <input type="checkbox"/> multi-chamber | <input type="checkbox"/> single batch fed |
| <input type="checkbox"/> crematory | <input type="checkbox"/> moving grate | <input type="checkbox"/> excess air | <input type="checkbox"/> intermittent batch fed |
| <input type="checkbox"/> rotary hearth | <input type="checkbox"/> single chamber | <input type="checkbox"/> starved air | <input type="checkbox"/> continuously fed |
| <input type="checkbox"/> pathological | <input type="checkbox"/> rotary kiln | <input type="checkbox"/> catalytic | |
| <input type="checkbox"/> suspension firing | <input type="checkbox"/> multiple hearth | <input type="checkbox"/> other: _____ | |

d. Landfill Gas Flares (indicate all that apply)

- | | | | |
|---------------------------------------|---------------------------------|--|---|
| <input type="checkbox"/> elevated | <input type="checkbox"/> ground | <input type="checkbox"/> naturally aspirated | <input type="checkbox"/> enclosed or shrouded |
| <input type="checkbox"/> other: _____ | | | |

6. Materials Combusted

a. List each fuel, waste, or other material combusted using the codes provided in Enclosure 8. Provide the percentage of annual heat input corresponding to each material. Indicate the type of usage (primary, startup, etc.), and whether the material is co-fired. Attach an analysis or description for any material not listed in Enclosure 2, if available. Indicate that an analysis or description has been provided.

Material Code	% of Annual Input			Primary	Startup	Standby	Supplemental	Co-fired	Analysis/Description Attached
N G	1	0	0	<input type="checkbox"/>					
				<input type="checkbox"/>					
				<input type="checkbox"/>					
				<input type="checkbox"/>					
				<input type="checkbox"/>					

Facility ID No. 4207AE122

Combustion Device ID No. 0001

b. Does the mixture of combusted material change significantly from summer to winter? yes no

c. Do material firing rates change significantly from summer to winter? yes no

d. Do any of the non-fossil fuel materials listed above contain the following? (See instructions for descriptions)

heavy metals yes no don't know

halogenated compounds yes no don't know

radioactive materials yes no don't know

e. If PG (process coproduct gas), PL (process coproduct liquid), AQ (aqueous waste), IS (industrial sludge), WS (industrial wastewater sludge), OW (other wood), IW (industrial solid waste), PS (process coproduct solid), TW (treated wood), OG (other gas), LW (liquid waste), OL (other liquid), or OS (other solid) are listed in 6a, please provide a brief description.

Code	Description

7. Control Device or Technique

Provide the following information for each device or technique that controls emissions. Use the numeric type codes provided in Enclosure 9.

Type	Year Installed	Manufacturer	Model No.	Shared?	
	19			<input type="checkbox"/> yes	<input type="checkbox"/> no
	19			<input type="checkbox"/> yes	<input type="checkbox"/> no
	19			<input type="checkbox"/> yes	<input type="checkbox"/> no
	19			<input type="checkbox"/> yes	<input type="checkbox"/> no
	19			<input type="checkbox"/> yes	<input type="checkbox"/> no
	19			<input type="checkbox"/> yes	<input type="checkbox"/> no
	19			<input type="checkbox"/> yes	<input type="checkbox"/> no
	19			<input type="checkbox"/> yes	<input type="checkbox"/> no

Facility ID No. 42079E122

Combustion Device ID No. 00000001

8. Available Emission Test Data

Indicate the material/pollutant combinations for which emission test data are available. Use the material ID codes from question 6. Submission of test data is not required at this time, although reports may be requested at a later date.

	Test 1	Test 2	Test 3	Test 4
Fuel/Waste ID Code (material providing greatest heat input)				
Fuel/Waste ID Code				
Fuel/Waste ID Code				
Year of Test (19__)				
Acetaldehyde	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Benzene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cadmium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carbon Monoxide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dioxins	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formaldehyde	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydrogen Chloride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methanol	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mercury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nitrogen Oxides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polynuclear Aromatic Hydrocarbons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Particulate Matter				
Total Suspended Particulate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PM ₁₀	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PM _{2.5}	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sulfur Dioxide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volatile Organic Compounds or Total Organic Compounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other HAPs:				
-----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Facility ID No. 42079122

Part III. Economics

Please identify clearly any response(s) that you consider to be confidential business information. Any responses not so identified will be included in a publicly available database. Refer to Enclosures 4, 5, and 7 for more information on the treatment of confidential business information and a list of information you may be asked to submit later to substantiate a claim of confidentiality.

1.a. Number of Facility Employees

- 0-100 100-250 251-500 501-750 751-1,000 1,001-1,500 >1,500

b. Is the legal owner a small business? yes no unknown

2. SIC(s)

primary 2731 secondary tertiary

3. For the incineration units covered in Part II of this survey, if any, is excess energy produced, recovered and used productively?

- Yes No No incineration units included in Part II

4. Approximately what percent of your total facility annual energy need (including process heat, steam, space heat, and electricity generation) is met by the units covered in Part II of this survey?

- less than 5 percent 5 to 30 percent 31 to 60 percent
 greater than 60 percent Don't Know no process heaters or boilers or incinerators with heat recovery

5. Considering all of the units covered in Part II of this survey, what percentage of the energy produced by these units is used to produce steam or electricity to be sold off-site?

- 0, 100% consumed on-site >0 to 30 percent 31 to 60 percent
 greater than 60 percent Don't Know 0, no steam or electricity produced

6. Do the SICs listed in question 2 of this part accurately represent the primary activity or manufacturing process in which the steam, heat, or electricity produced from these incinerator(s), process heater(s), or boiler(s) included in Part II is used? Yes No

If "No", provide a brief description of the process or activity in which the steam, heat, or electricity is used:

7. If you did not burn the non-fossil fuel material in your incinerator(s), process heater(s) or boiler(s), how would you compensate for the lost heating value?

- burn a fossil fuel such as coal, oil, or gas in the same units
 buy new equipment capable of burning another fuel
 not applicable, material has no heating value

8. If you did not burn the non-fossil fuel material in your incinerator(s), process heater(s) or boiler(s), what would be the most likely alternative use or disposal method? (check all that apply)

- dispose on-site send to a landfill off-site waste water treatment plant
 dispose through local trash collection sell as a product no other alternative currently available
 contract for special disposal service sell as a fuel don't know
 other: _____