

PINELANDS REGIONAL HIGH SCHOOL (78210)
GEN110001

Date: 11/27/2017

New Jersey Department of Environmental Protection
Non-Source Fugitive Emissions

PINELANDS REGIONAL HIGH SCHOOL (78210)
GEN110001

Date: 11/27/2017

New Jersey Department of Environmental Protection
Facility Profile (Permitting)

PINELANDS REGIONAL HIGH SCHOOL (78210)
GEN110001

Date: 11/27/2017

New Jersey Department of Environmental Protection
Control Device Inventory

CD NJID	Facility's Designation	Description	CD Type	Install Date	Grand- Fathered	Last Mod. (Since 1968)	CD Set ID
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Date: 11/27/201

New Jersey Department of Environmental Protection
Reason for Application

PINELANDS REGIONAL HIGH SCHOOL (78210)
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Date: 11/27/2017

New Jersey Department of Environmental Protection
Emission Points Inventory

PT NJID	Facility's Designation	Description	Config.	Equiv. Diam. (in.)	Height (ft.)	Dist. to Prop. Line (ft)	Exhaust Temp. (deg. F)			Exhaust Vol. (acfm)			Discharge Direction	PT Set ID
							Avg.	Min.	Max.	Avg.	Min.	Max.		
PT603	Stack	0												
PT604	Stack	1												
PT605	Stack	2												
PT606	Stack	3												

PINELANDS REGIONAL HIGH SCHOOL (78210)
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New Jersey Department of Environmental Protection
Insignificant Source Emissions

**New Jersey Department of Environmental Protection
Equipment Inventory**

Equip. NJID	Facility's Designation	Equipment Description	Equipment Type	Certificate Number	Install Date	Grand- Fathered	Last Mod. (Since 1968)	Equip. Set ID
E601	JH Boiler#1	2.48 MMBTU/Hr Boiler	Boiler		1/2/1990			
E602	JH Boiler#2	2.48 MMBTU/Hr Boiler	Boiler		1/2/1990			
E603	JH Boiler#3	2.48 MMBTU/Hr Boiler	Boiler		1/2/1990			
E604	JH Boiler#4	3.10 MMBTU/Hr Boiler	Boiler		1/2/2002			

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New Jersey Department of Environmental Protection
Facility Profile (General)

Facility Name (AIMS): PINELANDS REGIONAL SCHOOLS

Facility ID (AIMS): 78210

Street 520 NUGENTOWN RD
Address: Tuckerton , NJ 08087

Mailing
Address:

County: Ocean
Location
Description:

State Plane Coordinates:

X-Coordinate:

Y-Coordinate:

Units:

Datum:

Source Org.:

Source Type:

Industry:

Primary SIC:

Secondary SIC:

NAICS: 611110

New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Air Permit Information Contact

Organization:

Org. Type:

Name:

NJ EIN:

Title:

Phone: () - x

**Mailing
Address:**

Fax: () - x

Other: () - x

Type:

Email:

Contact Type: Fees/Billing Contact

Organization:

Org. Type:

Name:

NJ EIN:

Title:

Phone: () - x

**Mailing
Address:**

Fax: () - x

Other: () - x

Type:

Email:

Contact Type: General Contact

Organization: Pinelands Regional School District

Org. Type: Other

Name: Tom Rider

NJ EIN:

Title: Bldg/Grds Supervisor

Phone: () - x

**Mailing
Address:** 520 Nugentown Rd
Little Egg Harbor , NJ 08087

Fax: () - x

Other: () - x

Type:

Email: ddriscoll@prsdnj.org

PINELANDS REGIONAL HIGH SCHOOL (78210)
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New Jersey Department of Environmental Protection
Facility Profile (General)

Contact Type: Responsible Official

Organization:

Org. Type:

Name:

NJ EIN:

Title:

Phone: () - x

**Mailing
Address:**

Fax: () - x

Other: () - x

Type:

Email:

PINELANDS REGIONAL HIGH SCHOOL (78210)
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New Jersey Department of Environmental Protection
Potential to Emit

Subject Item: U603 JH School

Operating Scenario: OS0 Summary

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO				5.41000000	tons/yr	No
NOx (Total)				9.73000000	tons/yr	No
SO2				13.82000000	tons/yr	No
TSP				1.61000000	tons/yr	No
VOC (Total)				0.35000000	tons/yr	No

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Emission Unit: U603 (BH17-A3)Boilers/Heaters

OS Summary

Operating Scenario:

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
1	In addition to this Compliance Plan, all conditions contained in the document "General Procedures for General Permits" shall also be subject to enforcement. [N.J.A.C. 7:27- 8.13(h)]	None.	None.	None.
2	The Permittee shall ensure combustion equipment included in this General Permit is easily identifiable by clear and conspicuous labeling, including manufacturer name, model number, serial number, and burner maximum rated heat input. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
3	The Permittee shall not use the equipment in a manner which will cause visible emissions exclusive of visible condensed water vapor, except for a period no more than 3 minutes in any consecutive 30-minute period. [N.J.A.C. 7:27- 3.2]	None.	None.	If visible emissions are observed, refer to operator manual for corrective action. If measures fail to correct visible emissions within 24 hours of observation, the Permittee shall immediately report the incident to the Department by calling the Environmental Action Hotline at (877) 927-6337. Repair equipment: Upon occurrence of event. [N.J.A.C. 7:27- 8.13(d)4]
4	This equipment shall not cause any air contaminant, including an air contaminant detectable by the sense of smell, to be present in the outdoor atmosphere in such quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life or property, or would unreasonably interfere with the enjoyment of life or property, except in areas over which the owner or operator has exclusive use or occupancy. [N.J.A.C. 7:27- 5]	None.	None.	Any operation of the equipment which may cause a release of air contaminants in a quantity or concentration which poses a potential threat to public health, welfare, or the environment or which might reasonably result in citizen complaints shall be reported by the Permittee as required by the Air Pollution Control Act. The Permittee shall immediately notify the Department of any non-compliance by calling the Environmental Action Hotline at (877) 927-6337. Notify by phone: Upon occurrence of event. [N.J.S.A. 26:2C-19(e)]

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**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
5	Each facility may possess only one GP-017 at any time. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
6	The maximum allowable sulfur content in No. 2 fuel oil* or B5 Biodiesel or kerosene shall be less than or equal to 0.2 percent by weight. *Note: No.2 fuel oil can be a blend of up to 5% by volume bioadditives. [N.J.A.C. 7:27- 8.13(a)]	Monitored by review of fuel delivery records once per bulk fuel shipment. For each fuel oil delivery received, the Permittee shall review written documentation of the delivery to ensure the maximum allowable fuel oil sulfur content is not being exceeded. Such written documentation can include but is not limited to: Bill of Lading, Delivery Invoice, Certificate of Analysis, etc. [N.J.A.C. 7:27- 8.13(a)]	Recordkeeping by invoices / bills of lading / certificate of analysis once initially and per change of material or fuel supplier. The Permittee shall keep records of fuel oil sulfur content. All records shall be maintained on site for a minimum of 5 years and shall be made readily available upon the Department's request. [N.J.A.C. 7:27- 8.13(d)3]	None.
7	For Option A Only: Compliance with the annual emission limit for each air contaminant shall be based on operation of the unit(s) at a maximum of 8760 hours per year for the size(s) registered. [N.J.A.C. 7:27- 8.13(a)]	None.	None.	None.
8	For Options B or C Only: Compliance with the annual emission limit for each air contaminant shall be based on the annual fuel consumption. Permittee shall comply with a self-imposed fuel limit. [N.J.A.C. 7:27- 8.13(a)]	Monitored by fuel flow/firing rate instrument continuously, based on a consecutive 12 month period (rolling 1 month basis). The Permittee shall install and operate a fuel totalizer(s) to monitor the total amount of fuel burned each 12 consecutive month period, based on a rolling 1-month basis. [N.J.A.C. 7:27- 8.13(d)]	Each month the Permittee shall record: 1. Fuel type; 2. Current reading from the fuel totalizer; 3. Monthly fuel usage; 4. Sum and record the current monthly fuel usage with the previous eleven (11) months fuel usage totals to determine the consecutive twelve (12) months total. Records shall be made readily accessible for the Department's inspection in either a logbook or computer data system for a minimum of 5 years. Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. [N.J.A.C. 7:27- 8.13(d)]	The Permittee shall notify the Department of any non-compliance with their self-imposed fuel limit within 24 hours of discovery by calling the Environmental Action Hotline at (877) 927-6337. Notify by phone: Upon occurrence of event. [N.J.A.C. 7:27- 8.13(d)]

Compliance Schedule

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Section B**POLLUTANT EMISSIONS SUMMARY**

The following table indicates the facility's Potential to Emit (PTE) emission summary:

Source Categories	Facility total Potential to Emit (tons per year)								
	Primary						Secondary		
	VOC (Total)	NOx	CO	SO2	TSP	Other (Total)	PM-10	Pb	HAPs (Total)
Emission Unit Summary	0.3500	9.7300	5.4100	13.8200	1.6100				
Batch Process Summary									
Insignificant Source Worksheet									
Non-Source Fugitive Emission Worksheet									
Intra Facility Emissions Trading Worksheet									
Total Emissions	0.3500	9.7300	5.4100	13.8200	1.6100	0.0000	0.0000	0.0000	0.0000

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New Jersey Department of Environmental Protection
Emission Unit/Batch Process Inventory

U 603 JH School (BH17-A3)Boilers/Heaters

UOS NJID	Facility's Designation	UOS Description	Operation Type	Signif. Equip.	Control Device(s)	Emission Point(s)	SCC(s)	Annual Oper. Hours		VOC Range	Flow (acfm)		Temp. (deg F)	
								Min.	Max.		Min.	Max.	Min.	Max.
OS1	JH School	2.48 MMBTU/Hr Boiler	Normal - Steady State	E000001		PT000003								
OS2	JH School	2.48 MMBTU/Hr Boiler	Normal - Steady State	E000002		PT000004								
OS3	JH School	2.48 MMBTU/Hr Boiler	Normal - Steady State	E000003		PT000005								
OS4	JH School	3.10 MMBTU/Hr Boiler	Normal - Steady State	E000004		PT000006								

Compliance Schedule