

**New Jersey Department of Environmental Protection
Reason for Application**

Permit Being Modified

Permit Class: **Number:** 0

Description of Modifications: The Facility is a Data Center/Colocation/Telecom Carrier support center that provides backup data support services for several fortune 500 companies. It houses emergency generators to provide backup power to data centers in case of an emergency.

The current application is revising previous permit PCP 150001 as follows:

1. Reducing testing/maintenance run hours for each of the 12 permitted emergency generators from 100 hours per year to 30 hours.
2. Renumbering Emission units based on the Floor on which they are located (see attached Excel spreadsheet).

Old # - New#

E301 - E101

E306 - E102

E303 - E201

E305 - E202

E307 - E301

E308 - E302

E312 - E303

E313 - E304

E309 - E401

E310 - E402

E311 - E403

E304 - E801

3. Permitting the following additional five (5) emergency generators, with 30 hours per year limit on testing/maintenance per generator.

E404 - identical to E304

E501 - identical to E303

E701 - E703 are identical 3000 kW EGs. Spec sheets have been submitted. Displacement = 84.7 L; Tier 2 engines

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Facility Name (AIMS): Market Halsey Urban Renewal

Facility ID (AIMS): 08497

Street 165 HALSEY ST
Address: NEWARK, NJ 07102

Mailing 165 HALSEY ST
Address: NEWARK, NJ 07102

County: Essex
Location
Description:

State Plane Coordinates:

X-Coordinate:

Y-Coordinate:

Units:

Datum:

Source Org.:

Source Type:

Industry:

Primary SIC:

Secondary SIC:

NAICS: 561210

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Contact Type: Air Permit Information Contact

Organization: First Environment, Inc.

Org. Type: Private

Name: Sunita Dhar

NJ EIN:

Title: Consultant

Phone: (973) 334-0003 x

Mailing Address: 10 Park Place, Bldg 1A, Suite 504
Butler, NJ 07405

Fax: (973) 334-0928 x

Other: () - x

Type:

Email: sdhar@firstenvironment.com

Contact Type: Consultant

Organization: First Environment, Inc.

Org. Type: Private

Name: Sunita Dhar

NJ EIN:

Title: Consultant

Phone: (973) 334-0003 x

Mailing Address: 10 Park Place, Bldg 1A, Suite 504
Butler, NJ 07405

Fax: (973) 334-0928 x

Other: () - x

Type:

Email: sdhar@firstenvironment.com

Contact Type: Fees/Billing Contact

Organization: 165/Halsey Street

Org. Type: LLC

Name: Joseph Panella

NJ EIN: 02235333080

Title: Colocation Manager

Phone: (973) 951-2358 x

Mailing Address: 165 Halsey Street
Newark, NJ 07102

Fax: (973) 556-1230 x

Other: () - x

Type:

Email: jpanella@165Halsey.com

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Contact Type: General Contact

Organization: 165/Halsey Street

Org. Type: LLC

Name: Joseph Panella

NJ EIN: 02235333080

Title: Colocation Manager

Phone: (973) 951-2358 x

Mailing Address: 165 Halsey Street

Fax: (973) 556-1230 x

Newark, NJ 07102

Other: () - x

Type:

Email: Jpanella@165Halsey.com

Contact Type: On-Site Manager

Organization: 165/Halsey Street

Org. Type: LLC

Name: Joseph Panella

NJ EIN: 02235333080

Title: Colocation Manager

Phone: (973) 951-2358 x

Mailing Address: 165 Halsey Street

Fax: (973) 556-1230 x

Newark, NJ 07102

Other: () - x

Type:

Email: Jpanella@165Halsey.com

Contact Type: Responsible Official

Organization: 165/Halsey Street

Org. Type: LLC

Name: Joseph Panella

NJ EIN: 02235333080

Title: Colocation Manager

Phone: (973) 951-2358 x

Mailing Address: 165 Halsey Street

Fax: (973) 556-1230 x

Newark, NJ 07102

Other: () - x

Type:

Email: Jpanella@165Halsey.com

**New Jersey Department of Environmental Protection
Facility Profile (Permitting)**

- | | |
|---|----|
| 1. Is this facility classified as a small business by the USEPA? | No |
| 2. Is this facility subject to N.J.A.C. 7:27-22? | No |
| 3. Are you voluntarily subjecting this facility to the requirements of Subchapter 22? | No |
| 4. Has a copy of this application been sent to the USEPA? | No |
| 5. If not, has the EPA waived the requirement? | No |
| 6. Are you claiming any portion of this application to be confidential? | No |
| 7. Is the facility an existing major facility? | No |
| 8. Have you submitted a netting analysis? | No |
| 9. Are emissions of any pollutant above the SOTA threshold? | No |
| 10. Have you submitted a SOTA analysis? | No |
| 11. If you answered "Yes" to Question 9 and "No" to Question 10, explain why a SOTA analysis was not required | |
| | |
| 12. Have you provided, or are you planning to provide air contaminant modeling? | No |

**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
E101	EG-COLO1-1	Kohler REOZD 300 kW (3. 5 MMBTU/hr)	Emergency Generator	PCP150001	9/1/2000	No		
E102	EG-COLO1-2	Kohler REOZJ 300 kW EG (3.15 MMBTU/hr) EPA Cert No. CJDXL09.0114-019, Model Yr 2012	Emergency Generator	PCP150001	6/1/2012	No		
E201	EG-COLO2-1	Caterpillar C27 800 kW 597 HP EG (8.122 MMBTU/hr) EPA Cert No. CPX-NRCI-08-25, Model Yr 2008	Emergency Generator	PCP150001	3/1/2010	No		
E202	EG-COLO2-2	Caterpillar C27 800 kW EG (8.12 MMBTU/hr) EPA Cert No. CPX-NRCI-10-03, Model Yr 2010	Emergency Generator	PCP150001	12/1/2010	No		
E301	EG-COLO3-1	Caterpillar DM8263 2000 kW EG (19.5 MMBTU/hr)	Emergency Generator	PCP150001	6/1/2012	No		
E302	EG-COLO3-2	Caterpillar DM8263 2000 kW EG (19.5 MMBTU/hr)	Emergency Generator	PCP150001	6/1/2012	No		
E303	EG-COLO3-3	Caterpillar 3516C 2000 kW EG (19.5 MMBTU/hr)	Emergency Generator	PCP150001	9/1/2008	No		
E304	EG-COLO3-4	Caterpillar 3516C 2000 kW EG (19.5 MMBTU/hr)	Emergency Generator	PCP150001	8/1/2020	No		
E401	EG-COLO4-1	Caterpillar 3516B 2000 kW EG (20.65 MMBTU/hr)	Emergency Generator	PCP150001	9/1/2000	No		
E402	EG-COLO4-2	Caterpillar 3516C 2000 kW EG (20.65 MMBTU/hr)	Emergency Generator	PCP150001	9/1/2000	No		

**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
E403	EG-COLO4-3	Caterpillar 3516C 2000 kW EG (20.6 MMBTU/hr)	Emergency Generator	PCP150001	9/1/2009	No		
E404	EG-COLO4-4	Caterpillar 3516C 2000 kW EG (19.5 MMBTU/hr)	Emergency Generator		9/1/2008	No		
E501	EG-COLO5-1	Caterpillar 3516C 2000 kW EG (19.9 MMBTU/hr)	Emergency Generator		8/1/2020	No		
E701	EG-COLO7-1	Caterpillar C175-16 3000 kW EG (30.42 MMBTU/hr)	Emergency Generator		5/1/2019	No		
E702	EG-COLO7-2	Caterpillar C175-16 3000 kW EG (30.42 MMBTU/hr)	Emergency Generator		5/1/2019	No		
E703	EG-COLO7-3	Caterpillar C175-16 3000 kW EG (30.42 MMBTU/hr)	Emergency Generator		5/1/2019	No		
E801	EG-LifeSty	Kohler REOZJE 100 kW EG (1.207 MMBTU/hr) EPA Cert No. JDX-NRCI-11-18	Emergency Generator	PCP150001	9/1/2010	No		

**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.		
PT101	COLO1-1 KOH	Stack for 300 kW Kohler COLO1 - EG 1 - 3.5 MMBTU/hr	Round	12	196	25	927.0	497.0	927.0	2,246.0	2,246.0	2,246.0	Up	
PT102	COLO1-2 KOH	Stack for 300 kW Kohler COLO1 - EG 2 - 3.15 MMBTU/hr	Round	18	196	20	927.0	497.0	927.0	2,246.0	2,246.0	2,246.0	Up	
PT201	COLO2-1 CAT	Stack for 800 kW CAT COLO2 - EG 1 - 8.122 MMBTU/hr	Round	18	199	50	952.5	952.5	952.5	6,014.1	6,014.1	6,014.1	Up	
PT202	COLO2-2 CAT	Stack for 750 kW CAT COLO2 - EG 2 - 8.12 MMBTU/hr	Round	18	199	50	948.7	948.7	948.7	5,611.5	5,611.5	5,611.5	Up	
PT301	COLO3-1 CAT	Stack for 2000 kW CAT COLO3 - EG 1 - 19.5 MMBTU/hr	Round	18	223	50	962.8	552.8	962.8	5,738.7	2,076.8	5,738.7	Up	
PT302	COLO3-2 CAT	Stack for 2000 kW CAT COLO3 - EG 2 - 19.5 MMBTU/hr	Round	18	223	50	962.8	552.8	962.8	5,738.7	2,076.8	5,738.7	Up	
PT303	COLO3-3 CAT	Stack for 2000 kW CAT COLO3 - EG 3 - 19.5 MMBTU/hr	Round	18	223	50	752.1	552.8	752.1	5,738.7	2,076.8	5,738.7	Up	
PT304	COLO3-4 CAT	Stack for 2000 kW CAT COLO3 - EG 4 - 19.5 MMBTU/hr	Round	18	223	50	752.1	552.8	752.1	5,738.7	2,076.8	5,738.7	Up	
PT401	COLO4-1 CAT	Stack for 2000 kW CAT COLO4 - EG 1 - 20.65 MMBTU/hr	Round	20	223	50	962.8	569.7	962.8	4,357.8	4,357.8	17,053.0	Up	
PT402	COLO4-2 CAT	Stack for 2000 kW CAT COLO4 - EG 2 - 20.65 MMBTU/hr	Round	20	223	50	962.8	569.7	962.8	4,357.8	4,357.8	17,053.0	Up	
PT403	COLO4-3 CAT	Stack for 2000 kW CAT COLO4 - EG 3 - 20.65 MMBTU/hr	Round	20	223	50	962.8	569.7	962.8	4,357.8	4,357.8	17,053.0	Up	
PT404	COLO4-4 CAT	Stack for 2000 kW CAT COLO4 - EG 4 - 19.5 MMBTU/hr	Round	18	223	50	752.1	552.8	752.1	5,738.7	2,076.8	5,738.7	Up	
PT501	COLO5-1CAT	Stack for 2000 kW CAT COLO4 - EG 1 - 19.9 MMBTU/hr	Round	18	223	50	752.1	552.8	752.1	5,738.7	2,076.8	5,738.7	Up	

**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.		
PT701	COLO7-1 CAT	Stack for 3000 kW CAT COLO7 - EG 1 - 30.42 MMBTU/hr	Round	20	199	50	891.9	891.9	1,229.8	8,667.0	8,667.0	9,320.0	Up	
PT702	COLO7-2 CAT	Stack for 3000 kW CAT COLO7 - EG 2 - 30.42 MMBTU/hr	Round	20	199	50	891.9	891.9	1,229.8	8,667.0	8,667.0	9,320.0	Up	
PT703	COLO7-3 CAT	Stack for 3000 kW CAT COLO7 - EG 3 - 30.42 MMBTU/hr	Round	20	199	50	891.9	891.9	1,229.8	8,667.0	8,667.0	9,320.0	Up	
PT801	LifeSty-KOH	Stack for 100 kW Kohler EG #3; 1.207 MMBTU/hr	Round	18	199	20	1,076.0	1,076.0	1,076.0	805.0	805.0	805.0	Up	

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

U 1 Fac EGs Seventy (17) diesel emergency generators.

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	EG-COLO1-1	Kohler REOZD 300 kW COLO 1 EG-1 (3.5 MMBTU/hr)	Standby	E101		PT101	2-03-001-01	20.0	30.0		2,246.0	2,246.0	497.0	927.0
OS2	EG-COLO1-2	Kohler REOZJ 300 kW COLO 1 EG-2 (3.15 MMBTU/hr)	Standby	E102		PT102	2-03-001-01	20.0	30.0		2,246.0	2,246.0	497.0	927.0
OS3	EG-COLO2-1	Caterpillar C27 800 kW COLO 2 EG-1 (8.122 MMBTU/hr)	Standby	E201		PT201	2-03-001-01	20.0	30.0		6,014.1	6,014.1	952.0	952.5
OS4	EG-COLO2-2	Caterpillar C27 750 kW COLO 2 EG-2 (8.12 MMBTU/hr)	Standby	E202		PT202	2-03-001-01	20.0	30.0		5,611.5	5,611.5	948.7	948.7
OS5	EG-COLO3-1	Caterpillar 3516C 2000 kW COLO 3 EG-1 (19.5 MMBTU/hr)	Standby	E301		PT301	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	962.8
OS6	EG-COLO3-2	Caterpillar 3516C 2000 kW COLO 3 EG-2 (19.5 MMBTU/hr)	Standby	E302		PT302	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	962.8
OS7	EG-COLO3-3	Caterpillar 3516C 2000 kW COLO 3 EG-3 (19.5 MMBTU/hr)	Standby	E303		PT303	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	752.1
OS8	EG-COLO3-4	Caterpillar 3516C 2000 kW COLO 3 EG-4 (19.5 MMBTU/hr)	Standby	E304		PT304	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	752.1
OS9	EG-COLO4-1	Caterpillar 3516C 2000 kW COLO 4 EG-1 (20.65 MMBTU/hr)	Standby	E401		PT401	2-03-001-01	20.0	30.0		4,357.8	17,053.0	569.7	962.8
OS10	EG-COLO4-2	Caterpillar 3516C 2000 kW COLO 4 EG-2 (20.65 MMBTU/hr)	Standby	E402		PT402	2-03-001-01	20.0	30.0		4,357.8	17,053.0	569.7	962.8
OS11	EG-COLO4-3	Caterpillar 3516C 2000 kW COLO 4 EG-3 (20.65 MMBTU/hr)	Standby	E403		PT403	2-03-001-01	20.0	30.0		4,357.8	17,053.0	569.7	962.8

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

U 1 Fac EGs Seventy (17) diesel emergency generators.

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.
OS12	EG-COLO4-4	Caterpillar 3516B 2000 kW COLO 4 EG-4 (19.95 MMBTU/hr)	Standby	E404		PT404	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	752.1
OS13	EG-COLO5-1	Caterpillar 3516B 2000 kW COLO 5 EG-1 (19.9 MMBTU/hr)	Standby	E501		PT501	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	752.1
OS14	EG-COLO7-1	Caterpillar C175-16 3000 kW COLO 7 EG-1 (30.42 MMBTU/hr)	Standby	E701		PT701	2-03-001-01	20.0	30.0		8,667.0	9,320.0	891.9	1,229.8
OS15	EG-COLO7-2	Caterpillar C175-16 3000 kW COLO 7 EG-2 (30.42 MMBTU/hr)	Standby	E702		PT702	2-03-001-01	20.0	30.0		8,667.0	9,320.0	891.9	1,229.8
OS16	EG-COLO7-3	Caterpillar C175-16 3000 kW COLO 7 EG-3 (30.42 MMBTU/hr)	Standby	E703		PT703	2-03-001-01	20.0	30.0		8,667.0	9,320.0	891.9	1,229.8
OS20	EG-LifeSfty	Kohler diesel 100 kW EG #3; 1.207 MMBTU/hr	Standby	E801		PT801	2-03-001-01	20.0	30.0		805.0	805.0	1,076.0	1,076.0

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS0 Summary

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	0.73000000	0.73000000	0.73000000	tons/yr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	tons/yr	No
NOx (Total)	0.00000000	6.47000000	6.47000000	6.47000000	tons/yr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	tons/yr	No
PM-10 (Total)	0.00000000	0.18000000	0.18000000	0.18000000	tons/yr	No
SO2	0.00000000	0.34000000	0.34000000	0.34000000	tons/yr	No
TSP	0.00000000	0.18000000	0.18000000	0.18000000	tons/yr	No
VOC (Total)	0.00000000	0.18000000	0.18000000	0.18000000	tons/yr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS1

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.04000000	1.04000000	1.04000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	8.94000000	8.94000000	8.94000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
SO2	0.00000000	0.25000000	0.25000000	0.25000000	lb/hr	No
TSP	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
VOC (Total)	0.00000000	1.20000000	1.20000000	1.20000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS2

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.04000000	1.04000000	1.04000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	8.94000000	8.94000000	8.94000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
SO2	0.00000000	0.25000000	0.25000000	0.25000000	lb/hr	No
TSP	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS3

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	0.54000000	0.54000000	0.54000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	12.25000000	12.25000000	12.25000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
SO2	0.00000000	2.28000000	2.28000000	2.28000000	lb/hr	No
TSP	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
VOC (Total)	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No

New Jersey Department of Environmental Protection
Potential to Emit

Subject Item: U1 Fac EGs

Operating Scenario: OS4

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	0.54000000	0.54000000	0.54000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	12.25000000	12.25000000	12.25000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
SO2	0.00000000	2.13000000	2.13000000	2.13000000	lb/hr	No
TSP	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
VOC (Total)	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS5

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	2.65000000	2.65000000	2.65000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	11.94000000	11.94000000	11.94000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
SO2	0.00000000	0.35000000	0.35000000	0.35000000	lb/hr	No
TSP	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
VOC (Total)	0.00000000	0.65000000	0.65000000	0.65000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS6

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	2.65000000	2.65000000	2.65000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	11.94000000	11.94000000	11.94000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
SO2	0.00000000	0.35000000	0.35000000	0.35000000	lb/hr	No
TSP	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
VOC (Total)	0.00000000	0.65000000	0.65000000	0.65000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS7

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.32000000	1.32000000	1.32000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	24.03000000	24.03000000	24.03000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
SO2	0.00000000	1.28000000	1.28000000	1.28000000	lb/hr	No
TSP	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
VOC (Total)	0.00000000	0.49000000	0.49000000	0.49000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS8

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.32000000	1.32000000	1.32000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	24.03000000	24.03000000	24.03000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
SO2	0.00000000	1.28000000	1.28000000	1.28000000	lb/hr	No
TSP	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
VOC (Total)	0.00000000	0.49000000	0.49000000	0.49000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS9

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	3.86000000	3.86000000	3.86000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	32.40000000	32.40000000	32.40000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
SO2	0.00000000	1.02000000	1.02000000	1.02000000	lb/hr	No
TSP	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
VOC (Total)	0.00000000	0.64000000	0.64000000	0.64000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS10

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	3.86000000	3.86000000	3.86000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	32.40000000	32.40000000	32.40000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
SO2	0.00000000	1.02000000	1.02000000	1.02000000	lb/hr	No
TSP	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
VOC (Total)	0.00000000	0.64000000	0.64000000	0.64000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS11

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	3.86000000	3.86000000	3.86000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	32.40000000	32.40000000	32.40000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
SO2	0.00000000	1.02000000	1.02000000	1.02000000	lb/hr	No
TSP	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
VOC (Total)	0.00000000	0.64000000	0.64000000	0.64000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS12

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	3.45000000	3.45000000	3.45000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	42.10000000	42.10000000	42.10000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
SO2	0.00000000	5.66000000	5.66000000	5.66000000	lb/hr	No
TSP	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
VOC (Total)	0.00000000	0.71000000	0.71000000	0.71000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS13

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	3.45000000	3.45000000	3.45000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	42.10000000	42.10000000	42.10000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
SO2	0.00000000	5.58000000	5.58000000	5.58000000	lb/hr	No
TSP	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
VOC (Total)	0.00000000	0.71000000	0.71000000	0.71000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS14

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS15

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS16

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS17

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS18

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS19

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS20

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.10000000	1.10000000	1.10000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	0.88000000	0.88000000	0.88000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No
SO2	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
TSP	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No
VOC (Total)	0.00000000	0.88000000	0.88000000	0.88000000	lb/hr	No

Subject Item: U2

Operating Scenario: OS0 Summary

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	3.36000000	3.36000000	3.36000000	tons/yr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	tons/yr	No
NOx (Total)	0.00000000	4.00000000	4.00000000	4.00000000	tons/yr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	tons/yr	No
PM-10 (Total)	0.00000000	0.30000000	0.30000000	0.30000000	tons/yr	No
SO2	0.00000000	0.02400000	0.02400000	0.02400000	tons/yr	No
TSP	0.00000000	0.30000000	0.30000000	0.30000000	tons/yr	No
VOC (Total)	0.00000000	0.22000000	0.22000000	0.22000000	tons/yr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U2
Operating Scenario: OS1
Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.72000000	1.72000000	1.72000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	2.05000000	2.05000000	2.05000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.16000000	0.16000000	0.16000000	lb/hr	No
SO2	0.00000000	0.01200000	0.01200000	0.01200000	lb/hr	No
TSP	0.00000000	0.16000000	0.16000000	0.16000000	lb/hr	No
VOC (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No

Subject Item: U2
Operating Scenario: OS2
Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.72000000	1.72000000	1.72000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	2.05000000	2.05000000	2.05000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.16000000	0.16000000	0.16000000	lb/hr	No
SO2	0.00000000	0.01200000	0.01200000	0.01200000	lb/hr	No
TSP	0.00000000	0.16000000	0.16000000	0.16000000	lb/hr	No
VOC (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No

000000 E101 (Emergency Generator)
Print Date: 4/13/2021

Make:

Kohler

Manufacturer:

Kohler

Model:

3DDREOZD

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

3.50

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E102 (Emergency Generator)
Print Date: 4/13/2021

Make:
Manufacturer:
Model:

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

Will the equipment be used in
excess of 500 hours per
year? ☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment? ☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application? ☐ Yes
☒ No

Comments:

000000 E201 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

C27-2008

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

8.12

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E202 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

C27

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

8.12

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E301 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

DM8263

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

19.50

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E302 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

DM8263

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

19.50

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E303 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

3516C

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

19.50

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E401 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

3516B

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

20.65

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E402 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

3516C

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

20.65

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E403 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

3516C

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

20.60

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E404 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

3516C

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

19.50

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E501 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar

Manufacturer:

Caterpillar

Model:

3516C

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

19.90

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E701 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar C175-16

Manufacturer:

Caterpillar

Model:

C175-16

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

30.42

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E702 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar C175-16

Manufacturer:

Caterpillar

Model:

C175-16

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

30.42

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E703 (Emergency Generator)
Print Date: 4/13/2021

Make:

Caterpillar C175-16

Manufacturer:

Caterpillar

Model:

C175-16

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

30.42

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

000000 E801 (Emergency Generator)
Print Date: 4/13/2021

Make:

Kohler

Manufacturer:

John Deere

Model:

100REOZJB

Maximum rated Gross Heat
Input (MMBtu/hr-HHV):

1.21

Will the equipment be used in
excess of 500 hours per
year?

☐ Yes
☒ No

Have you attached a diagram
showing the location and/or
the configuration of this
equipment?

☐ Yes
☒ No

Have you attached any
manuf.'s data or
specifications to aid the
Dept. in its review of this
application?

☐ Yes
☒ No

Comments:

08497 Market Halsey Urban Renewal PCP000000 U1 OS1 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	1,500.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	800.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS2 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	1,500.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	800.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS3 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	2,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	1,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS4 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	2,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	1,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS5 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	3,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS6 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	3,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS7 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	3,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS8 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	3,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS9 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	3,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS10 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	3,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS12 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	3,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS13 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	3,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS14 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	10,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS15 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	10,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS16 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	137,381.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	10,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	5,000.00
Units:	gal/yr
Comments:	

08497 Market Halsey Urban Renewal PCP000000 U1 OS20 (Fuel Information Table)
Print Date: 4/13/2021

Fuel Type:	#2 fuel oil
Description (if other):	
Amount of Sulfur in Fuel (%):	0.0015
Amount of Ash in Fuel (%):	
Fuel Heating Value:	142,000.00
Units:	BTU/gal
Estimated Maximum Amount of Fuel Burned Annually:	2,000.00
Units:	gal/yr
Estimated Actual Amount of Fuel Burned Annually:	800.00
Units:	gal/yr
Comments:	

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS0 Summary

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	7.97800000	7.97800000	7.97800000	lb/yr	No
CO	0.00000000	0.73000000	0.73000000	0.73000000	tons/yr	No
Formaldehyde	0.00000000	10.09100000	10.09100000	10.09100000	lb/yr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	tons/yr	No
NOx (Total)	0.00000000	6.47000000	6.47000000	6.47000000	tons/yr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	tons/yr	No
PM-10 (Total)	0.00000000	0.18000000	0.18000000	0.18000000	tons/yr	No
PM-2.5 (Total)	0.00000000	0.18000000	0.18000000	0.18000000	tons/yr	No
SO2	0.00000000	0.34000000	0.34000000	0.34000000	tons/yr	No
TSP	0.00000000	0.18000000	0.18000000	0.18000000	tons/yr	No
VOC (Total)	0.00000000	0.18000000	0.18000000	0.18000000	tons/yr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS1

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.00320000	0.00320000	0.00320000	lb/hr	No
CO	0.00000000	1.04000000	1.04000000	1.04000000	lb/hr	No
Formaldehyde	0.00000000	0.00410000	0.00410000	0.00410000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	8.94000000	8.94000000	8.94000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS1

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
PM-2.5 (Total)	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
SO2	0.00000000	0.25000000	0.25000000	0.25000000	lb/hr	No
TSP	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
VOC (Total)	0.00000000	1.20000000	1.20000000	1.20000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS2

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.00280000	0.00280000	0.00280000	lb/hr	No
CO	0.00000000	1.04000000	1.04000000	1.04000000	lb/hr	No
Formaldehyde	0.00000000	0.00360000	0.00360000	0.00360000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	8.94000000	8.94000000	8.94000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
SO2	0.00000000	0.25000000	0.25000000	0.25000000	lb/hr	No
TSP	0.00000000	0.87000000	0.87000000	0.87000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS3

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.00730000	0.00730000	0.00730000	lb/hr	No
CO	0.00000000	0.54000000	0.54000000	0.54000000	lb/hr	No
Formaldehyde	0.00000000	0.00930000	0.00930000	0.00930000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	12.25000000	12.25000000	12.25000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
SO2	0.00000000	2.28000000	2.28000000	2.28000000	lb/hr	No
TSP	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
VOC (Total)	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS4

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.00690000	0.00690000	0.00690000	lb/hr	No
CO	0.00000000	0.54000000	0.54000000	0.54000000	lb/hr	No
Formaldehyde	0.00000000	0.00870000	0.00870000	0.00870000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	12.25000000	12.25000000	12.25000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS4

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
PM-2.5 (Total)	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
SO2	0.00000000	2.13000000	2.13000000	2.13000000	lb/hr	No
TSP	0.00000000	0.06000000	0.06000000	0.06000000	lb/hr	No
VOC (Total)	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS5

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01770000	0.01770000	0.01770000	lb/hr	No
CO	0.00000000	2.65000000	2.65000000	2.65000000	lb/hr	No
Formaldehyde	0.00000000	0.02240000	0.02240000	0.02240000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	11.94000000	11.94000000	11.94000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
SO2	0.00000000	0.35000000	0.35000000	0.35000000	lb/hr	No
TSP	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
VOC (Total)	0.00000000	0.65000000	0.65000000	0.65000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS6

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01770000	0.01770000	0.01770000	lb/hr	No
CO	0.00000000	2.65000000	2.65000000	2.65000000	lb/hr	No
Formaldehyde	0.00000000	0.02240000	0.02240000	0.02240000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	11.94000000	11.94000000	11.94000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
SO2	0.00000000	0.35000000	0.35000000	0.35000000	lb/hr	No
TSP	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
VOC (Total)	0.00000000	0.65000000	0.65000000	0.65000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS7

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01770000	0.01770000	0.01770000	lb/hr	No
CO	0.00000000	1.32000000	1.32000000	1.32000000	lb/hr	No
Formaldehyde	0.00000000	0.02240000	0.02240000	0.02240000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	24.03000000	24.03000000	24.03000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS7

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
PM-2.5 (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
SO2	0.00000000	1.28000000	1.28000000	1.28000000	lb/hr	No
TSP	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
VOC (Total)	0.00000000	0.49000000	0.49000000	0.49000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS8

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01770000	0.01770000	0.01770000	lb/hr	No
CO	0.00000000	1.32000000	1.32000000	1.32000000	lb/hr	No
Formaldehyde	0.00000000	0.02240000	0.02240000	0.02240000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	24.03000000	24.03000000	24.03000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
SO2	0.00000000	1.28000000	1.28000000	1.28000000	lb/hr	No
TSP	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No
VOC (Total)	0.00000000	0.49000000	0.49000000	0.49000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS9

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01860000	0.02360000	0.02360000	lb/hr	No
CO	0.00000000	3.86000000	3.86000000	3.86000000	lb/hr	No
Formaldehyde	0.00000000	0.01860000	0.02360000	0.02360000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	32.40000000	32.40000000	32.40000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
SO2	0.00000000	1.02000000	1.02000000	1.02000000	lb/hr	No
TSP	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
VOC (Total)	0.00000000	0.64000000	0.64000000	0.64000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS10

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01860000	0.01860000	0.01860000	lb/hr	No
CO	0.00000000	3.86000000	3.86000000	3.86000000	lb/hr	No
Formaldehyde	0.00000000	0.02360000	0.02360000	0.02360000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	32.40000000	32.40000000	32.40000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	1.00000000	0.79000000	0.79000000	1.79000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS10

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
PM-2.5 (Total)	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
SO2	0.00000000	1.02000000	1.02000000	1.02000000	lb/hr	No
TSP	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
VOC (Total)	0.00000000	0.64000000	0.64000000	0.64000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS11

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01860000	0.01860000	0.01860000	lb/hr	No
CO	0.00000000	3.86000000	3.86000000	3.86000000	lb/hr	No
Formaldehyde	0.00000000	0.02360000	0.02360000	0.02360000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	32.40000000	32.40000000	32.40000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
SO2	0.00000000	1.02000000	1.02000000	1.02000000	lb/hr	No
TSP	0.00000000	0.79000000	0.79000000	0.79000000	lb/hr	No
VOC (Total)	0.00000000	0.64000000	0.64000000	0.64000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS12

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01770000	0.01770000	0.01770000	lb/hr	No
CO	0.00000000	3.45000000	3.45000000	3.45000000	lb/hr	No
Formaldehyde	0.00000000	0.02240000	0.02240000	0.02240000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	42.10000000	42.10000000	42.10000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
SO2	0.00000000	5.66000000	5.66000000	5.66000000	lb/hr	No
TSP	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
VOC (Total)	0.00000000	0.71000000	0.71000000	0.71000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS13

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.01790000	0.01790000	0.01790000	lb/hr	No
CO	0.00000000	3.45000000	3.45000000	3.45000000	lb/hr	No
Formaldehyde	0.00000000	0.02270000	0.02270000	0.02270000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	42.10000000	42.10000000	42.10000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS13

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
PM-2.5 (Total)	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
SO2	0.00000000	5.58000000	5.58000000	5.58000000	lb/hr	No
TSP	0.00000000	0.23000000	0.23000000	0.23000000	lb/hr	No
VOC (Total)	0.00000000	0.71000000	0.71000000	0.71000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS14

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.02750000	0.02750000	0.02750000	lb/hr	No
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
Formaldehyde	0.00000000	0.03470000	0.03470000	0.03470000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS15

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.02750000	0.02750000	0.02750000	lb/hr	No
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
Formaldehyde	0.00000000	0.03470000	0.03470000	0.03470000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS16

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.02750000	0.02750000	0.02750000	lb/hr	No
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
Formaldehyde	0.00000000	0.03470000	0.03470000	0.03470000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS16

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
PM-2.5 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS17

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS18

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

Subject Item: U1 Fac EGs

Operating Scenario: OS19

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	7.03000000	7.03000000	7.03000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	58.80000000	58.80000000	58.80000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
SO2	0.00000000	0.04000000	0.04000000	0.04000000	lb/hr	No
TSP	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
VOC (Total)	0.00000000	1.07000000	1.07000000	1.07000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U1 Fac EGs

Operating Scenario: OS20

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Benzene	0.00000000	0.00110000	0.00110000	0.00110000	lb/hr	No
CO	0.00000000	1.10000000	1.10000000	1.10000000	lb/hr	No
Formaldehyde	0.00000000	0.00130000	0.00130000	0.00130000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	0.88000000	0.88000000	0.88000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No
PM-2.5 (Total)	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No
SO2	0.00000000	0.33000000	0.33000000	0.33000000	lb/hr	No
TSP	0.00000000	0.07000000	0.07000000	0.07000000	lb/hr	No
VOC (Total)	0.00000000	0.88000000	0.88000000	0.88000000	lb/hr	No

Subject Item: U2

Operating Scenario: OS0 Summary

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	3.36000000	3.36000000	3.36000000	tons/yr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	tons/yr	No
NOx (Total)	0.00000000	4.00000000	4.00000000	4.00000000	tons/yr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	tons/yr	No
PM-10 (Total)	0.00000000	0.30000000	0.30000000	0.30000000	tons/yr	No
SO2	0.00000000	0.02400000	0.02400000	0.02400000	tons/yr	No
TSP	0.00000000	0.30000000	0.30000000	0.30000000	tons/yr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U2
Operating Scenario: OS0 Summary
Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
VOC (Total)	0.00000000	0.22000000	0.22000000	0.22000000	tons/yr	No

Subject Item: U2
Operating Scenario: OS1
Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.72000000	1.72000000	1.72000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	2.05000000	2.05000000	2.05000000	lb/hr	No
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.16000000	0.16000000	0.16000000	lb/hr	No
SO2	0.00000000	0.01200000	0.01200000	0.01200000	lb/hr	No
TSP	0.00000000	0.16000000	0.16000000	0.16000000	lb/hr	No
VOC (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No

Subject Item: U2
Operating Scenario: OS2
Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
CO	0.00000000	1.72000000	1.72000000	1.72000000	lb/hr	No
HAPs (Total)	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
NOx (Total)	0.00000000	2.05000000	2.05000000	2.05000000	lb/hr	No

**New Jersey Department of Environmental Protection
Potential to Emit**

Subject Item: U2

Operating Scenario: OS2

Step:

Air Contaminant Category (HAPS)	Fugitive Emissions	Emissions Before Controls	Emissions After Controls	Total Emissions	Units	Alt. Em. Limit
Pb	0.00000000	0.00000000	0.00000000	0.00000000	lb/hr	No
PM-10 (Total)	0.00000000	0.16000000	0.16000000	0.16000000	lb/hr	No
SO2	0.00000000	0.01200000	0.01200000	0.01200000	lb/hr	No
TSP	0.00000000	0.16000000	0.16000000	0.16000000	lb/hr	No
VOC (Total)	0.00000000	0.11000000	0.11000000	0.11000000	lb/hr	No

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

U 1 Fac EGs Seventy (17) diesel emergency generators.

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	EG-COLO1-1	Kohler REOZD 300 kW COLO 1 EG-1 (3.5 MMBTU/hr)	Standby	E101		PT101	2-03-001-01	20.0	30.0		2,246.0	2,246.0	497.0	927.0
OS2	EG-COLO1-2	Kohler REOZJ 300 kW COLO 1 EG-2 (3.15 MMBTU/hr)	Standby	E102		PT102	2-03-001-01	20.0	30.0		2,246.0	2,246.0	497.0	927.0
OS3	EG-COLO2-1	Caterpillar C27 800 kW COLO 2 EG-1 (8.122 MMBTU/hr)	Standby	E201		PT201	2-03-001-01	20.0	30.0		6,014.1	6,014.1	952.0	952.5
OS4	EG-COLO2-2	Caterpillar C27 750 kW COLO 2 EG-2 (8.12 MMBTU/hr)	Standby	E202		PT202	2-03-001-01	20.0	30.0		5,611.5	5,611.5	948.7	948.7
OS5	EG-COLO3-1	Caterpillar 3516C 2000 kW COLO 3 EG-1 (19.5 MMBTU/hr)	Standby	E301		PT301	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	962.8
OS6	EG-COLO3-2	Caterpillar 3516C 2000 kW COLO 3 EG-2 (19.5 MMBTU/hr)	Standby	E302		PT302	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	962.8
OS7	EG-COLO3-3	Caterpillar 3516C 2000 kW COLO 3 EG-3 (19.5 MMBTU/hr)	Standby	E303		PT303	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	752.1
OS8	EG-COLO3-4	Caterpillar 3516C 2000 kW COLO 3 EG-4 (19.5 MMBTU/hr)	Standby	E304		PT304	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	752.1
OS9	EG-COLO4-1	Caterpillar 3516C 2000 kW COLO 4 EG-1 (20.65 MMBTU/hr)	Standby	E401		PT401	2-03-001-01	20.0	30.0		4,357.8	17,053.0	569.7	962.8
OS10	EG-COLO4-2	Caterpillar 3516C 2000 kW COLO 4 EG-2 (20.65 MMBTU/hr)	Standby	E402		PT402	2-03-001-01	20.0	30.0		4,357.8	17,053.0	569.7	962.8
OS11	EG-COLO4-3	Caterpillar 3516C 2000 kW COLO 4 EG-3 (20.65 MMBTU/hr)	Standby	E403		PT403	2-03-001-01	20.0	30.0		4,357.8	17,053.0	569.7	962.8

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

U 1 Fac EGs Seventy (17) diesel emergency generators.

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.
OS12	EG-COLO4-4	Caterpillar 3516B 2000 kW COLO 4 EG-4 (19.95 MMBTU/hr)	Standby	E404		PT404	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	752.1
OS13	EG-COLO5-1	Caterpillar 3516B 2000 kW COLO 5 EG-1 (19.9 MMBTU/hr)	Standby	E501		PT501	2-03-001-01	20.0	30.0		2,076.8	5,738.7	552.8	752.1
OS14	EG-COLO7-1	Caterpillar C175-16 3000 kW COLO 7 EG-1 (30.42 MMBTU/hr)	Standby	E701		PT701	2-03-001-01	20.0	30.0		8,667.0	9,320.0	891.9	1,229.8
OS15	EG-COLO7-2	Caterpillar C175-16 3000 kW COLO 7 EG-2 (30.42 MMBTU/hr)	Standby	E702		PT702	2-03-001-01	20.0	30.0		8,667.0	9,320.0	891.9	1,229.8
OS16	EG-COLO7-3	Caterpillar C175-16 3000 kW COLO 7 EG-3 (30.42 MMBTU/hr)	Standby	E703		PT703	2-03-001-01	20.0	30.0		8,667.0	9,320.0	891.9	1,229.8
OS20	EG-LifeSfty	Kohler diesel 100 kW EG #3; 1.207 MMBTU/hr	Standby	E801		PT801	2-03-001-01	20.0	30.0		805.0	805.0	1,076.0	1,076.0

Market Halsey Urban Renewal, 165 Halsey, Newark NJ (Facility ID:08497)

Table 1: Potential to Emit (Operating hour 30 hr/yr per EG)

						Fuel Use	NOx			VOC			CO			TSP/PM10/PM2.5					
New ID		Equipment			Heat Input		*						*			*					
ID	Facility ID		kW	HP	MMBTU/ hr	GPH		g/hp-hr	PTE lb/hr	PTE TPY	g/hp-hr lb/MMB TU		PTE TPY	g/hp-hr	PTE lb/hr	PTE TPY	g/hp-hr	PTE lb/hr	PTE TPY		
Emergency Generators																					
E101	EG-COLO1-1	Kohler REOZD 300 kW - COLO1	300	463	3.05	22.2	3.8 g/kw-hr	2.51	0.04	0.10 g/kw-hr	0.07	0.00	0.90 g/kw-hr	0.60	0.01	0.14 g/kw-hr	0.09	0.001			
E102	EG-COLO1-2	Kohler REOZJ 300 kW - COLO1	300	463	3.05	22.2	3.8 g/kw-hr	2.51	0.04	0.10 g/kw-hr	0.07	0.00	0.90 g/kw-hr	0.60	0.01	0.14 g/kw-hr	0.09	0.001			
E201	EG-COLO2-1	Caterpillar C27 800 kW - COLO2	800	1072	7.86	57.2	5.18	12.24	0.18	0.03	0.07	0.0011	0.23	0.54	0.0082	0.02	0.06	0.0009			
E202	EG-COLO2-2	Caterpillar C27 800 kW - COLO2	800	1072	7.86	57.2	5.18	12.24	0.18	0.03	0.07	0.0011	0.23	0.54	0.0082	0.02	0.06	0.0009			
E301	EG-COLO3-1	Caterpillar DM8263 2000 kW - COLO3	2000	2937	18.96	138	5.05	32.70	0.49	0.10	0.65	0.01	0.41	2.65	0.04	0.036	0.23	0.003			
E302	EG-COLO3-2	Caterpillar DM8263 2000 kW - COLO3	2000	2937	18.96	138	5.05	32.70	0.49	0.10	0.65	0.01	0.41	2.65	0.04	0.036	0.23	0.003			
E303	EG-COLO3-3	Caterpillar 3516C 2000 kW - COLO3	2000	2934	19.98	145	5.11	33.05	0.50	0.10	0.65	0.01	0.41	2.65	0.04	0.04	0.26	0.004			
E304	EG-COLO3-4	Caterpillar 3516C 2000 kW - COLO3	2000	2934	19.98	145	5.11	33.05	0.50	0.10	0.65	0.01	0.41	2.65	0.04	0.04	0.26	0.004			
E401	EG-COLO4-1	Caterpillar 3516C 2000 kW - COLO4 Ser# 6HN00872	2000	2934	19.98	145	5.11	33.05	0.50	0.10	0.65	0.01	0.41	2.65	0.04	0.04	0.26	0.00			
E402	EG-COLO4-2	Caterpillar 3516C 2000 kW - COLO4 Ser# 6HN00874	2000	2934	19.98	145	5.11	33.05	0.50	0.10	0.65	0.01	0.41	2.65	0.04	0.04	0.26	0.00			
E403	EG-COLO4-3	Caterpillar 3516C 2000 kW - COLO4 Ser# 6HN00875	2000	2934	19.98	145	5.11	33.05	0.50	0.10	0.65	0.01	0.41	2.65	0.04	0.04	0.26	0.00			
E404	EG-COLO4-4	Caterpillar 3516C 2000 kW - COLO4	2000	2934	19.98	145	5.11	33.05	0.50	0.10	0.65	0.01	0.41	2.65	0.04	0.04	0.26	0.004			
E501	EG-COLO 5-1	Caterpillar 3516B 2000 kW - COLO5 Ser# SBJ00815	2000	2934	19.98	145	5.11	33.05	0.50	0.10	0.65	0.01	0.41	2.65	0.00	0.04	0.26	0.09			
E701	EG-COLO7-1	Caterpillar C175-16 3000 kW - COLO7 4423BH G8E00210; Engine serial # WYB02376	3000	4423	29.43	214	6.07	58.80	0.88	0.11	1.07	0.02	0.73	7.12	0.11	0.030	0.29	0.004			
E702	EG-COLO7-2	Caterpillar C175-16 3000 kW - COLO7 4423BH G8E00211; Engine serial # WYB02381	3000	4423	29.43	214	6.07	58.80	0.88	0.11	1.07	0.02	0.73	7.12	0.11	0.030	0.29	0.004			
E703	EG-COLO7-3	Caterpillar C175-16 3000 kW - COLO7 4423BH G8 E00218; Engine serial # TB800122	3000	4423	29.43	214	6.07	58.80	0.88	0.11	1.07	0.02	0.73	7.12	0.11	0.030	0.29	0.004			
E801	EG-LifeSty	Kohler REOZJE 100 kW	100	172	1.13	8.2	4 g/kw-hr	0.88	0.01 Nox+NMHC	4 g/kw-hr	0.88	0.01 Nox+NMHC	5.00 g/kw-hr	1.10	0.02	0.30 g/kw-hr	0.07	0.001			
						288.97				7.55			0.15			0.69			0.14		

* = Nox, VOC, CO & Particulate Emission rates for E101, E102 and E801 are grams/kw-hr

						Fuel Use	SO2			Benzene		Formaldehyde	
New ID		Equipment			Heat Input					0.000933	lb/MMBTU	0.00118	lb/MMBTU
ID	Facility ID		kW	HP	MMBTU/hr	GPH	(AP 42) lb/Hp-Hr	PTE lb/hr	PTE TPY	lb/hr	lb/yr	lb/yr	lb/yr
Emergency Generators													
E101	EG-COLO1-1	Kohler REOZD 300 kW - COLO1	300	463	3.05	22.2	0.00205	0.95	0.014	0.0028	0.0854	0.0036	0.1080
E102	EG-COLO1-2	Kohler REOZJ 300 kW - COLO1	300	463	3.05	22.2	0.00205	0.95	0.014	0.0028	0.0854	0.0036	0.1080
E201	EG-COLO2-1	Caterpillar C27 800 kW - COLO2	800	1072	7.86	57.2	0.00205	2.20	0.03	0.0073	0.2200	0.0093	0.2782
E202	EG-COLO2-2	Caterpillar C27 800 kW - COLO2	800	1072	7.86	57.2	0.00205	2.20	0.03	0.0073	0.2200	0.0093	0.2782
E301	EG-COLO3-1	Caterpillar DM8263 2000 kW - COLO3	2000	2937	18.96	138	0.00205	6.02	0.09	0.0177	0.5307	0.0224	0.6711
E302	EG-COLO3-2	Caterpillar DM8263 2000 kW - COLO3	2000	2937	18.96	138	0.00205	6.02	0.09	0.0177	0.5307	0.0224	0.6711
E303	EG-COLO3-3	Caterpillar 3516C 2000 kW - COLO3	2000	2934	19.98	145	0.00205	6.01	0.09	0.0186	0.5591	0.0236	0.7071
E304	EG-COLO3-4	Caterpillar 3516C 2000 kW - COLO3	2000	2934	19.98	145	0.00205	6.01	0.09	0.0186	0.5591	0.0236	0.7071
E401	EG-COLO4-1	Caterpillar 3516C 2000 kW - COLO4 Ser# 6HN00872	2000	2934	19.98	145	0.00205	6.01	0.09	0.0186	0.5591	0.0236	0.7071
E402	EG-COLO4-2	Caterpillar 3516C 2000 kW - COLO4 Ser# 6HN00874	2000	2934	19.98	145	0.00205	6.01	0.09	0.0186	0.5591	0.0236	0.7071
E403	EG-COLO4-3	Caterpillar 3516C 2000 kW - COLO4 Ser# 6HN00875	2000	2934	19.98	145	0.00205	6.01	0.09	0.0186	0.5591	0.0236	0.7071
E404	EG-COLO4-4	Caterpillar 3516C 2000 kW - COLO4	2000	2934	19.98	145	0.00205	6.01	0.09	0.0186	0.5591	0.0236	0.7071
E501	EG-COLO 5-1	Caterpillar 3516B 2000 kW - COLO5 Ser# SBJ00815	2000	2934	19.98	145	0.00205	6.01	0.09	0.0186	0.5591	0.0236	0.7071
E701	EG-COLO7-1	Caterpillar C175-16 3000 kW - COLO7 4423BH G8E00210; Engine serial # WYB02376	3000	4423	29.43	214	0.00205	9.07	0.136	0.0275	0.8237	0.0347	1.0417
E702	EG-COLO7-2	Caterpillar C175-16 3000 kW - COLO7 4423BH G8E00211; Engine serial # WYB02381	3000	4423	29.43	214	0.00205	9.07	0.136	0.0275	0.8237	0.0347	1.0417
E703	EG-COLO7-3	Caterpillar C175-16 3000 kW - COLO7 4423BH G8 E00218; Engine serial # TB800122	3000	4423	29.43	214	0.00205	9.07	0.136	0.0275	0.8237	0.0347	1.0417
E801	EG-LifeSty	Kohler REOZJE 100 kW	100	172	1.13	8.2	0.00205	0.35	0.005	0.0011	0.0315	0.0013	0.0399
			288.97				1.32				8.0882		10.2294

* = Nox, VOC, CO & Particulate Emission rates for E101, E102 and E801 are grams/kW-hr