

ActivityEmission

* [Group 1]

EGID: B1
EGType: Single Emissions Path (SEP)
NoSpecificMonitoring: No
NoSpecificTesting: No
EmissionDataFilled: Yes
Description: System generated SEP Emission Path.
-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)
Emission Path Group Identifier: B1
Check here if no specific monitoring needed: false
Check here if no specific testing needed: false
Description: System generated SEP Emission Path.
EUID: B1
EUType: Boilers, Furnaces & Other Indirect Contact Heat
Generating Equipment
InstallationDate: 3/1989
Detail
PollutantName: Carbon Monoxide
PollutantID: 592
PollutantCd: CO
SubDescription: Carbon Monoxide
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 1.44
PotentialEmissions: 2.89
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas
Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Formaldehyde
PollutantID: 335
PollutantCd: 50000
SubDescription: Formaldehyde
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas
Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Hexane
PollutantID: 71

PollutantCd: 110543
SubDescription: Hexane
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0.03
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Nitrogen Oxides
PollutantID: 599
PollutantCd: NOX
SubDescription: Nitrogen Oxides
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 1.72
PotentialEmissions: 3.43
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Particulate Matter (TSP)
PollutantID: 604
PollutantCd: PM
SubDescription: Particulate Matter (TSP)
SubstanceChemName: CAP1
EmissionLimit: 0.5
ActualEmissions: 0.13
PotentialEmissions: 0.261
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
Description: Note:
(1) The units for the emissions limit and Max actual Emissions is lb/MMBtu
(2) the maximum actual emissions in units of the standard are 0.098 lb/MMBtu
PollutantName: PM10 (Filt + Cond)
PollutantID: 606
PollutantCd: PM-PRI
SubDescription: PM Primary (Filt + Cond)
SubstanceChemName: CAP1
EmissionLimit: 0.5
ActualEmissions: 0.13
PotentialEmissions: 0.261
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

Voluntarylimit: N

ComplianceStatus: Yes

Description: Note:

(1) The units for the emissions limit and Max actual Emissions is lb/MMBtu

(2) the maximum actual emissions in units of the standard are 0.098 lb/MMBtu

PollutantName: Sulfur Dioxide

PollutantID: 614

PollutantCd: SO2

SubDescription: Sulfur Dioxide

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 0.01

PotentialEmissions: 0.0206

CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Total HAP

PollutantID: 620

PollutantCd: TOTAL-HAP

SubDescription: Total HAP pollutant

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 0.03

CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Volatile Organic Compounds

PollutantID: 617

PollutantCd: VOC

SubDescription: Volatile Organic Compounds

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 0.095

PotentialEmissions: 0.189

CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Carbon Monoxide

PollutantID: 592

PollutantCd: CO

SubDescription: Carbon Monoxide

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 1.44
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Toluene
PollutantID: 63
PollutantCd: 108883
SubDescription: Toluene
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
Emission Unit Type: 1
Emission Source Identifier: B1
Emission Source Name: Digester Boiler 1
Description: unknown
Manufacturer: Dunman Bush, Inc.
Model Number: 503A-W-200-2P
Date of Manufacture/Reconstruction/Modification: 6/1988
Installation Date: 3/1989
Heat Input Capacity(MMBtu/Hr): 8
FuelType: Natural Gas
MaxHourlyConsumption: 0.0084
MaxAnnualFuelConsumption: 36.6
MaxHeatingValue: 1020
MaxHeatingValueUnits: Btu/cf
MaxHeatInput: 8.4

Comment: Digester gas rates are estimated because the unit has not recently burned digester gas. The actual average emission estimates are based on 50% utilization during the maximum year and 10% during the average year, which is based on historical data.

Unit: Million Cubic Feet
FuelType: Other - Gas
MaxHourlyConsumption: 0.0084
MaxAnnualFuelConsumption: 36.6
MaxHeatingValue: 665
MaxHeatingValueUnits: Btu/cf
MaxHeatInput: 5.6

Comment: Fuel type is digester gas, which is 65% methane.

The actual average emission estimates are based on 50% utilization during the maximum year and 10% during the average year, which is based on historical data.

Unit: Million Cubic Feet
ReleasePointID: B1

ReleasePointType: Other
Latitude: 33.745241
Longitude: -84.553653
Height: 18
RuleID: 12
RefType: SIP
RefCode: .02(2)(d)
Description: Fuel-burning Equipment
RuleID: 67
RefType: SIP
RefCode: .02(2)(yy)
Description: Emissions of Nitrogen Oxides from Major Sources
RuleID: 20
RefType: SIP
RefCode: .02(2)(g)
Description: Sulfur Dioxide

* [Group 2]

EGID: B2
EGType: Single Emissions Path (SEP)
NoSpecificMonitoring: No
NoSpecificTesting: No
EmissionDataFilled: Yes
Description: System generated SEP Emission Path.
-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)
Emission Path Group Identifier: B2
Check here if no specific monitoring needed: false
Check here if no specific testing needed: false
Description: System generated SEP Emission Path.
EUID: B2
EUType: Boilers, Furnaces & Other Indirect Contact Heat
Generating Equipment
InstallationDate: 3/1989
Detail
PollutantName: Formaldehyde
PollutantID: 335
PollutantCd: 50000
SubDescription: Formaldehyde
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas
Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: No
PollutantName: Hexane

PollutantID: 71
PollutantCd: 110543
SubDescription: Hexane
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0.03
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: No
PollutantName: Nitrogen Oxides
PollutantID: 599
PollutantCd: NOX
SubDescription: Nitrogen Oxides
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 1.72
PotentialEmissions: 3.43
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Particulate Matter (TSP)
PollutantID: 604
PollutantCd: PM
SubDescription: Particulate Matter (TSP)
SubstanceChemName: CAP1
EmissionLimit: 0.5
ActualEmissions: 0.13
PotentialEmissions: 0.261
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes

Description: Note:
(1) The units for the emissions limit and Max actual Emissions is lb/MMBtu
(2) the maximum actual emissions in units of the standard are 0.098 lb/MMBtu

PollutantName: PM10 (Filt + Cond)
PollutantID: 606
PollutantCd: PM-PRI
SubDescription: PM Primary (Filt + Cond)
SubstanceChemName: CAP1
EmissionLimit: 0.5
ActualEmissions: 0.13
PotentialEmissions: 0.261

CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

Voluntarylimit: N

ComplianceStatus: Yes

Description: Note:

(1) The units for the emissions limit and Max actual Emissions is lb/MMBtu

(2) the maximum actual emissions in units of the standard are 0.098 lb/MMBtu

PollutantName: Sulfur Dioxide

PollutantID: 614

PollutantCd: SO2

SubDescription: Sulfur Dioxide

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 0.01

PotentialEmissions: 0.0206

CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Total HAP

PollutantID: 620

PollutantCd: TOTAL-HAP

SubDescription: Total HAP pollutant

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 0.03

CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

Voluntarylimit: N

ComplianceStatus: No

PollutantName: Volatile Organic Compounds

PollutantID: 617

PollutantCd: VOC

SubDescription: Volatile Organic Compounds

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 0.09

PotentialEmissions: 0.189

CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Carbon Monoxide

PollutantID: 592

PollutantCd: CO

SubDescription: Carbon Monoxide

SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 1.44
PotentialEmissions: 2.89
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Toluene
PollutantID: 63
PollutantCd: 108883
SubDescription: Toluene
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: No
Emission Unit Type: 1
Emission Source Identifier: B2
Emission Source Name: Digester Boiler 2
Description: Gas generated from the anaerobic sludge digesters is either burned in one of the three digesters (B1, B2, and B3) or flared.
Manufacturer: Dunman Bush, Inc.
Model Number: 503A-W-200-2P
Date of Manufacture/Reconstruction/Modification: 6/1998
Installation Date: 3/1989
Heat Input Capacity(MMBtu/Hr): 8
FuelType: Natural Gas
MaxHourlyConsumption: 0.0084
MaxAnnualFuelConsumption: 33.6
MaxHeatingValue: 1020
MaxHeatingValueUnits: Btu/cf
MaxHeatInput: 8.4
Comment: The actual average emission estimates are based on 50% utilization during the maximum year and 10% during the average year, which is based on historical data.
Unit: Million Cubic Feet
FuelType: Other - Gas
MaxHourlyConsumption: 0.0084
MaxAnnualFuelConsumption: 36.6
MaxHeatingValue: 665
MaxHeatingValueUnits: BTU/cf
MaxHeatInput: 5.6

Comment: Fuel type is digester gas, which is 65% methane.

Digester gas rates are estimated because the unit has not recently burned digester gas. The actual average emission estimates are based on 50% utilization during the maximum year and 10% during the average year, which is based on historical data.

Unit: Million Cubic Feet

ReleasePointID: B2

ReleasePointType: Other

Latitude: 33.745241

Longitude: -84.553653

Height: 18

RuleID: 67

RefType: SIP

RefCode: .02(2)(yy)

Description: Emissions of Nitrogen Oxides from Major Sources

RuleID: 20

RefType: SIP

RefCode: .02(2)(g)

Description: Sulfur Dioxide

RuleID: 12

RefType: SIP

RefCode: .02(2)(d)

Description: Fuel-burning Equipment

* [Group 3]

EGID:

B3

EGType:

Single Emissions Path (SEP)

NoSpecificMonitoring:

No

NoSpecificTesting:

No

EmissionDataFilled:

Yes

Description:

System generated SEP Emission Path.

-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)

Emission Path Group Identifier: B3

Check here if no specific monitoring needed: false

Check here if no specific testing needed: false

Description: System generated SEP Emission Path.

EUID: B3

EUType: Boilers, Furnaces & Other Indirect Contact Heat Generating Equipment

InstallationDate: 1999

Detail

PollutantName: Carbon Monoxide

PollutantID: 592

PollutantCd: CO

SubDescription: Carbon Monoxide

SubstanceChemName: CAP1

EmissionLimit: 0
ActualEmissions: 1.44
PotentialEmissions: 2.89
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Formaldehyde
PollutantID: 335
PollutantCd: 50000
SubDescription: Formaldehyde
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: No
PollutantName: Hexane
PollutantID: 71
PollutantCd: 110543
SubDescription: Hexane
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0.03
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: No
PollutantName: Nitrogen Oxides
PollutantID: 599
PollutantCd: NOX
SubDescription: Nitrogen Oxides
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 1.72
PotentialEmissions: 3.43
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Particulate Matter (TSP)
PollutantID: 604
PollutantCd: PM
SubDescription: Particulate Matter (TSP)
SubstanceChemName: CAP1
EmissionLimit: 0.5

ActualEmissions: 0.13
PotentialEmissions: 0.261
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
Description: Note:
(1) The units for the emissions limit and Max actual Emissions is lb/MMBtu
(2) the maximum actual emissions in units of the standard are 0.098 lb/MMBtu
PollutantName: PM10 (Filt + Cond)
PollutantID: 606
PollutantCd: PM-PRI
SubDescription: PM Primary (Filt + Cond)
SubstanceChemName: CAP1
EmissionLimit: 0.5
ActualEmissions: 0.13
PotentialEmissions: 0.261
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
Description: Note:
(1) The units for the emissions limit and Max actual Emissions is lb/MMBtu
(2) the maximum actual emissions in units of the standard are 0.098 lb/MMBtu
PollutantName: Sulfur Dioxide
PollutantID: 614
PollutantCd: SO2
SubDescription: Sulfur Dioxide
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 0.01
PotentialEmissions: 0.0206
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Total HAP
PollutantID: 620
PollutantCd: TOTAL-HAP
SubDescription: Total HAP pollutant
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 0.03
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime

VoluntaryLimit: N
ComplianceStatus: No
PollutantName: Volatile Organic Compounds
PollutantID: 617
PollutantCd: VOC
SubDescription: Volatile Organic Compounds
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 0.09
PotentialEmissions: 0.189
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
VoluntaryLimit: N
ComplianceStatus: Yes
PollutantName: Toluene
PollutantID: 63
PollutantCd: 108883
SubDescription: Toluene
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0
CalculationMethod: AP-42 Chapter 1.4 "Natural Gas Combustion", July 1998 at 50% runtime
VoluntaryLimit: N
ComplianceStatus: No
Emission Unit Type: 1
Emission Source Identifier: B3
Emission Source Name: Digester Boiler 3
Description: Gas generated from the anaerobic sludge digesters is either burned in one of the three digesters (B1, B2, and B3) or flared.
Manufacturer: Kewanee
Model Number: L3W200G
Date of Manufacture/Reconstruction/Modification: 1999
Installation Date: 1999
Heat Input Capacity(MMBtu/Hr): 8
FuelType: Natural Gas
MaxHourlyConsumption: 0.00837
MaxAnnualFuelConsumption: 36.6
MaxHeatingValue: 665
MaxHeatingValueUnits: Btu/cf
MaxHeatInput: 5.6
Comment: For actual annual maximum emission estimates, fuel consumption is assumed to be 50% of the potential fuel consumption, which is based on historical data. Emission estimates are based on 50% utilization of the actual average annual emissions estimates, which is based on historical data.
Unit: Million Cubic Feet

FuelType: Other - Gas
MaxHourlyConsumption: 0.008370
MaxAnnualFuelConsumption: 36.6
MaxHeatingValue: 1020
MaxHeatingValueUnits: Btu/cf
MaxHeatInput: 8.5
Comment: Fuel type is digester gas, which is 65% methane.

Digester gas rates are estimated as the unit has not recently burned digester gas.

or actual annual maximum emission estimates, fuel consumption is assumed to be 50% of the potential fuel consumption, which is based on historical data. Emission estimates are based on 50% utilization of the actual average annual emissions estimates, which is based on historical data.

Unit: Million Cubic Feet
ReleasePointID: B3
ReleasePointType: Vertical with Rain Cap
Latitude: 33.745241
Longitude: -84.553653
Height: 20
RuleID: 67
RefType: SIP
RefCode: .02(2)(yy)
Description: Emissions of Nitrogen Oxides from Major Sources
RuleID: 20
RefType: SIP
RefCode: .02(2)(g)
Description: Sulfur Dioxide
RuleID: 12
RefType: SIP
RefCode: .02(2)(d)
Description: Fuel-burning Equipment

* [Group 4]

EGID:	INC2
EGType:	Single Emissions Path (SEP)
NoSpecificMonitoring:	No
NoSpecificTesting:	No
EmissionDataFilled:	Yes
Description:	System generated SEP Emission Path.
-- Detail --:	

Emission Path Group Type: Single Emissions Path (SEP)
Emission Path Group Identifier: INC2
Check here if no specific monitoring needed: false
Check here if no specific testing needed: false
Description: System generated SEP Emission Path.
EUID: INC2

EUType: Solid/Liquid Waste Destruction - Incineration

InstallationDate: 1972

Detail

PollutantName: Carbon Monoxide

PollutantID: 592

PollutantCd: CO

SubDescription: Carbon Monoxide

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 237.66

PotentialEmissions: 241

CalculationMethod: Source Test May 1, 2007, Emission factor 7.46 lbs/ton (dry basis). Note: The emission limit is in form of tons of dry sludge processed (6,900 tons/year), not cap on CO.

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Formaldehyde

PollutantID: 335

PollutantCd: 50000

SubDescription: Formaldehyde

SubstanceChemName: HAP

EmissionLimit: 0

ActualEmissions: 0

CalculationMethod: AP-42 Chapter 2.2 Sewage Sludge Incineration January 1995. Emission factor is 8E-04 lb/dry ton sludge.

Voluntarylimit: N

ComplianceStatus: No

PollutantName: Lead & Compounds

PollutantID: 244

PollutantCd: 195

SubDescription: Lead & Compounds

SubstanceChemName: HAP

EmissionLimit: 0

ActualEmissions: 0.2

CalculationMethod: AP-42 Chapter 2.2 Sewage Sludge Incineration January 1995. Emission factor is 0.06 lb/dry ton sludge.

Voluntarylimit: N

ComplianceStatus: No

PollutantName: Nitrogen Oxides

PollutantID: 599

PollutantCd: NOX

SubDescription: Nitrogen Oxides

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 25.36

PotentialEmissions: 26.0

CalculationMethod: Source Test May 1, 2007. Emission factor is 7.46 lbs/ton sludge (dry basis). Note: the emission limit is in the form of tons of dry sludge processed (6,900 tons/year), not a cap on CO.

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Particulate Matter (TSP)

PollutantID: 604

PollutantCd: PM

SubDescription: Particulate Matter (TSP)

SubstanceChemName: CAP1

EmissionLimit: 1.3

ActualEmissions: 2.35

PotentialEmissions: 7.59

CalculationMethod: Source Test performed August 1, 2001. Note that raw material in this instance is tons of dry solids.

Voluntarylimit: N

ComplianceStatus: Yes

Description: Note:

(1) The units for the emissions limit and Max actual Emissions is lb/lb of raw material

(2) the maximum actual emissions in units of the standard are 0.69 lb/lb of raw material

PollutantName: PM10 (Filt + Cond)

PollutantID: 606

PollutantCd: PM-PMI

SubDescription: PM Primary (Filt + Cond)

SubstanceChemName: CAP1

EmissionLimit: 1.3

ActualEmissions: 2.35

PotentialEmissions: 0.759

CalculationMethod: Source Test performed August 1, 2001. Note that raw material in this instance is tons of dry solids.

Voluntarylimit: N

ComplianceStatus: Yes

Description: Note:

(1) The units for the emissions limit and Max actual Emissions is lb/lb of raw material

(2) the maximum actual emissions in units of the standard are 0.69 lb/lb of raw material

PollutantName: Sulfur Dioxide

PollutantID: 614

PollutantCd: SO2

SubDescription: Sulfur Dioxide

SubstanceChemName: CAP1

EmissionLimit: 0

ActualEmissions: 0.68

PotentialEmissions: 0.69

CalculationMethod: AP-42 Chapter 2.2 Sewage Sludge Incineration January 1995. Emission factor is 0.2 lb/dry ton sludge

Voluntarylimit: N

ComplianceStatus: No
PollutantName: Total HAP
PollutantID: 620
PollutantCd: TOTAL-HAP
SubDescription: Total HAP pollutant
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 0.86
CalculationMethod: AP-42 Chapter 2.2 Sewage Sludge
Incineration January 1995. Emission factor is 0.253 lb/dry ton sludge
Voluntarylimit: N
ComplianceStatus: No
PollutantName: Volatile Organic Compounds
PollutantID: 617
PollutantCd: VOC
SubDescription: Volatile Organic Compounds
SubstanceChemName: CAP1
EmissionLimit: 0
ActualEmissions: 5.44
PotentialEmissions: 5.52
CalculationMethod: AP-42 Chapter 2.2 Sewage Sludge
Incineration January 1995. Emission factor is 1.6 lb/dry ton sludge.
Voluntarylimit: N
ComplianceStatus: Yes
PollutantName: Toluene
PollutantID: 63
PollutantCd: 108883
SubDescription: Toluene
SubstanceChemName: HAP
EmissionLimit: 0
ActualEmissions: 0.04
CalculationMethod: AP-42 Chapter 2.2 Sewage Sludge
Incineration January 1995.
Voluntarylimit: N
ComplianceStatus: No
PollutantName: Mercury
PollutantID: 447
PollutantCd: 7439976
SubDescription: Mercury
SubstanceChemName: HAP
EmissionLimit: 3200
ActualEmissions: 0
CalculationMethod: Source testing from Engineering Metals and
Dioxin-Furan Emissions Testing, June 18, 1996
Voluntarylimit: N
ComplianceStatus: Yes
Emission Unit Type: 17

Emission Source Identifier: INC2
Emission Source Name: Multiple Hearth Incinerator 2
Description: Multiple Hearth Incinerator is used to incinerate sanitary sewage sludge from the WRC facility.
Manufacturer: Nichols Herreshoff
Model Number: SN 47240
Date of Manufacture/Reconstruction/Modification: 1972/1988
Installation Date: 1972
Operation Status of Equipment: Taken off-line in 1996
Operation Status Date: 1996
Incinerator's feed type: Continuous Feed
Maximum Charging Rate(lb/hr): 4000
Normal Charging Rate(lb/hr): 0
Primary Chamber Burner Capacity(MMBtu/hr): 6
Primary Chamber Burn Fuel: Natural Gas
Secondary Chamber Burner Capacity(MMBtu/hr): 0
Comments: Average rates are while the incinerator is running.
The unit is not currently operating.
MaterialName: Sanitary Sewage Sludge
AverageWeightPercent: 25
MaterialName: Water
AverageWeightPercent: 75
ControlDeviceID: SCR2
DeviceType: Scrubber
Manufacture: Swemco, Inc.
DateManufactured: 1998
InstallationDate: 4/1998
ReasonForOperation: To comply with state or federal rule
ReleasePointID: INC2
ReleasePointType: Other
Latitude: 33.745241
Longitude: -84.553653
Height: 55
RuleID: 147
RefType: NESHAP(Part 61)
RefCode: E
Description: National Emission Standard for Mercury
RuleID: 95
RefType: NESHAP(Part 61)
RefCode: A
Description: General Provisions
RuleID: 67
RefType: SIP
RefCode: .02(2)(yy)
Description: Emissions of Nitrogen Oxides from Major Sources
RuleID: 64
RefType: SIP

RefCode: .02(2)(www)
Description: Sewage Sludge Incineration Units Constructed On
or Before October 14, 2010
RuleID: 20
RefType: SIP
RefCode: .02(2)(g)
Description: Sulfur Dioxide
RuleID: 9
RefType: SIP
RefCode: .02(2)(c)
Description: Incinerators
RuleID: 249
RefType: NSPS(Part 60)
RefCode: O
Description: Standards of Performance for Sewage Treatment
Plants
RuleID: 96
RefType: NSPS(Part 60)
RefCode: A
Description: General Provisions