

## ActivityEmission

\* [Group 1]

EGID: SEP FB01  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
EmissionDataFilled: Yes  
Description: Emissions from FB01 are routed through Kilns DK01 and DK02, or the bypass stack  
  
-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP FB01  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: Emissions from FB01 are routed through Kilns DK01 and DK02, or the bypass stack  
EUID: FB01  
EUType: Boilers, Furnaces & Other Indirect Contact Heat Generating Equipment  
InstallationDate: 01/01/2002

## Detail

PollutantName: Particulate Matter (TSP)  
PollutantID: 604  
PollutantCd: PM  
SubDescription: Particulate Matter (TSP)  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 2.505  
PotentialEmissions: 2.505  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: PM10 (Filt + Cond)  
PollutantID: 606  
PollutantCd: PM-PRI  
SubDescription: PM Primary (Filt + Cond)  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 2.278  
PotentialEmissions: 2.278  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: PM2.5 (Filt + Cond)

PollutantID: 612  
PollutantCd: PM25-PRI  
SubDescription: PM2.5 Primary (Filt + Cond)  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 1.366  
PotentialEmissions: 1.366  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Nitrogen Oxides  
PollutantID: 599  
PollutantCd: NOX  
SubDescription: Nitrogen Oxides  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 25.05  
PotentialEmissions: 25.05  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Sulfur Dioxide  
PollutantID: 614  
PollutantCd: SO2  
SubDescription: Sulfur Dioxide  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 2.847  
PotentialEmissions: 2.847  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Carbon Monoxide  
PollutantID: 592  
PollutantCd: CO  
SubDescription: Carbon Monoxide  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 19.36  
PotentialEmissions: 19.36  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
Emission Unit Type: 1  
Emission Source Identifier: FB01  
Emission Source Name: Fluidized Bed Combustor

Description: The Fluidized Bed Combustor burns green sawdust to provide heated air to drying kilns DK01 and DK02. Heated air is filtered by the Multiclone (MC01). Emissions during normal operations from FB01 are emitted at fugitive source F006 and F007 at DK01 and DK02 respectively. When the kiln is emptied and reloaded, emissions occur at S006; this is approximately 30 minutes for each charge.

Manufacturer: York Shipley

Model Number: FB-100

Date of Manufacture/Reconstruction/Modification: 01/01/2002

Installation Date: 01/01/2002

Describe the fuel burning configuration: Screened sawdust is collected from the sawmill and blown into the space above the bed where it burns in suspension and in the bed. The Fluidized Bed Combustor has a natural gas preheat stage. The burner is preheated with natural gas for approximately 2.5 hours per week for startup operations.

Heat Input Capacity(MMBtu/Hr): 26

Comments: The Fluidized Bed Combustor has a preheat natural gas fired stage. The natural gas is run for approximately 2.5 hours per week during startup of the burner. This natural gas preheat cannot be used for drying operations in lieu of wood based fuel.

FuelType: Wood Products

MaxHourlyConsumption: 2.9

MaxHourlyAvgConsumption: 1.875

MaxAnnualFuelConsumption: 25404

PercentOzoneSeason: 41.67

MaxHeatingValue: 4500

MaxHeatingValueUnits: Btu/lb

MaxAllowableSulfurPercent: 2.5

Comment: The Fluidized Bed Combustor has a preheat natural gas fired stage. The natural gas is run for approximately 2.5 hours per week during startup of the burner. This natural gas preheat cannot be used for drying operations in lieu of wood based fuel.

Unit: Tons

ControlDeviceID: MC01

DeviceType: Cyclone/Multiclone/Settling Chamber

Manufacture: Unknown

Model: Unknown

ReasonForOperation: To comply with state or federal rule

ReleasePointID: S006

ReleasePointType: Vertical

Latitude: 30.835144

Longitude: -83.996823

Height: 30

ReleasePointID: S008

ReleasePointType: Vertical

Latitude: 30.83504

Longitude: -83.996785

Height: 20

ReleasePointID: S009

ReleasePointType: Vertical  
Latitude: 30.83529  
Longitude: -83.996866  
Height: 20  
RuleID: 20  
RefType: SIP  
RefCode: .02(2)(g)  
Description: Sulfur Dioxide  
RuleID: 15  
RefType: SIP  
RefCode: .02(2)(e)  
Description: Particulate Emission from Manufacturing Processes  
RuleID: 6  
RefType: SIP  
RefCode: .02(2)(b)  
Description: Visible Emissions

\* [Group 2]

EGID: SEP SB01  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
EmissionDataFilled: Yes  
Description: System generated SEP Emission Path.  
-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP SB01  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: System generated SEP Emission Path.  
EUID: SB01  
EUType: Boilers, Furnaces & Other Indirect Contact Heat Generating Equipment  
InstallationDate: 01/01/2002  
Detail  
PollutantName: Particulate Matter (TSP)  
PollutantID: 604  
PollutantCd: PM  
SubDescription: Particulate Matter (TSP)  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 3.504  
PotentialEmissions: 3.504  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes

PollutantName: PM10 (Filt + Cond)  
PollutantID: 606  
PollutantCd: PM-PRI  
SubDescription: PM Primary (Filt + Cond)  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 3.154  
PotentialEmissions: 3.154  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: PM2.5 (Filt + Cond)  
PollutantID: 612  
PollutantCd: PM25-PRI  
SubDescription: PM2.5 Primary (Filt + Cond)  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 2.716  
PotentialEmissions: 2.716  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Nitrogen Oxides  
PollutantID: 599  
PollutantCd: NOX  
SubDescription: Nitrogen Oxides  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 42.92  
PotentialEmissions: 42.92  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Sulfur Dioxide  
PollutantID: 614  
PollutantCd: SO2  
SubDescription: Sulfur Dioxide  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 2.190  
PotentialEmissions: 2.190  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Carbon Monoxide  
PollutantID: 592

PollutantCd: CO

SubDescription: Carbon Monoxide

SubstanceChemName: CAP1

EmissionLimit: 250

ActualEmissions: 52.56

PotentialEmissions: 52.56

CalculationMethod: AP-42

Voluntarylimit: N

ComplianceStatus: Yes

Emission Unit Type: 1

Emission Source Identifier: SB01

Emission Source Name: Suspension Burner

Description: The Suspension Burner burns dry wood shavings to provide heated air to drying kiln DK03. All emissions from SB01 are emitted at fugitive source F008 at DK03.

Manufacturer: McConnell

Model Number: B-36

Date of Manufacture/Reconstruction/Modification: 01/01/2002

Installation Date: 01/01/2002

Describe the fuel burning configuration: Wood shavings are collected from the planer mills and burned in the burner. The Suspension Burner has a natural gas preheat stage. The burner is preheated with natural gas for approximately 45 minutes per week for startup operations.

Heat Input Capacity(MMBtu/Hr): 20

Comments: The Suspension Burner has a preheat natural gas fired stage. The natural gas is run for 45 minutes per week during startup of the burner. This natural gas preheat cannot be used for drying operations in lieu of wood based fuel.

FuelType: Wood Products

MaxHourlyConsumption: 1.25

MaxHourlyAvgConsumption: 1.25

MaxAnnualFuelConsumption: 10950

PercentOzoneSeason: 41.67

MaxHeatingValue: 8000

MaxHeatingValueUnits: Btu/lb

MaxAllowableSulfurPercent: 2.5

Comment: The Suspension Burner has a preheat natural gas fired stage. The natural gas is run for 45 minutes per week during startup of the burner. This natural gas preheat cannot be used for drying operations in lieu of wood based fuel.

Unit: Tons

ReleasePointID: S010

ReleasePointType: Vertical

Latitude: 30.835479

Longitude: -83.996924

Height: 20

RuleID: 20

RefType: SIP

RefCode: .02(2)(g)  
Description: Sulfur Dioxide  
RuleID: 15  
RefType: SIP  
RefCode: .02(2)(e)  
Description: Particulate Emission from Manufacturing Processes  
RuleID: 6  
RefType: SIP  
RefCode: .02(2)(b)  
Description: Visible Emissions

\* [Group 3]

EGID: SEP SG01  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
EmissionDataFilled: Yes  
Description: System generated SEP Emission Path.  
-- Detail --:

PollutantName: Particulate Matter (TSP)  
PollutantID: 604  
PollutantCd: PM  
SubDescription: Particulate Matter (TSP)  
Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP SG01  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: System generated SEP Emission Path.  
EUID: SG01  
EUType: Boilers, Furnaces & Other Indirect Contact Heat Generating Equipment  
InstallationDate: 01/01/2014

Detail

SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 5.782  
PotentialEmissions: 5.782  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: PM10 (Filt + Cond)  
PollutantID: 606  
PollutantCd: PM-PRI  
SubDescription: PM Primary (Filt + Cond)  
SubstanceChemName: CAP1  
EmissionLimit: 250

ActualEmissions: 5.081  
PotentialEmissions: 5.081  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: PM2.5 (Filt + Cond)  
PollutantID: 612  
PollutantCd: PM25-PRI  
SubDescription: PM2.5 Primary (Filt + Cond)  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 4.380  
PotentialEmissions: 4.380  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Nitrogen Oxides  
PollutantID: 599  
PollutantCd: NOX  
SubDescription: Nitrogen Oxides  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 38.54  
PotentialEmissions: 38.54  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Sulfur Dioxide  
PollutantID: 614  
PollutantCd: SO2  
SubDescription: Sulfur Dioxide  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 4.380  
PotentialEmissions: 4.380  
CalculationMethod: AP-42  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Carbon Monoxide  
PollutantID: 592  
PollutantCd: CO  
SubDescription: Carbon Monoxide  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 105.1  
PotentialEmissions: 105.1



CalculationMethod: AP-42

Voluntarylimit: N

ComplianceStatus: Yes

Emission Unit Type: 1

Emission Source Identifier: SG01

Emission Source Name: Sloped Grate Burner

Description: The Sloped Grate Burner burns green sawdust to provide heated air to continuous drying kiln DK04. Combustion emissions from SG01 are emitted at DK04 stacks S011, S012, S013, and S014.

Manufacturer: USNR

Date of Manufacture/Reconstruction/Modification: 01/01/2014

Installation Date: 01/01/2014

Describe the fuel burning configuration: Screened sawdust is collected from the sawmill and conveyed to the burner.

Heat Input Capacity(MMBtu/Hr): 40

ReleasePointID: S011

ReleasePointType: Horizontal

Latitude: 30.834418

Longitude: -83.99756

Height: 17.5

ReleasePointID: S012

ReleasePointType: Horizontal

Latitude: 30.834382

Longitude: -83.997558

Height: 17.5

ReleasePointID: S013

ReleasePointType: Horizontal

Latitude: 30.83458

Longitude: -83.996802

Height: 17.5

ReleasePointID: S014

ReleasePointType: Horizontal

Latitude: 30.834544

Longitude: -83.99679

Height: 17.5

RuleID: 20

RefType: SIP

RefCode: .02(2)(g)

Description: Sulfur Dioxide

RuleID: 15

RefType: SIP

RefCode: .02(2)(e)

Description: Particulate Emission from Manufacturing Processes

RuleID: 6

RefType: SIP

RefCode: .02(2)(b)  
Description: Visible Emissions  
FuelType: Wood Products  
MaxHourlyConsumption: 4.444  
MaxHourlyAvgConsumption: 4.444  
MaxAnnualFuelConsumption: 38929  
PercentOzoneSeason: 41.67  
MaxHeatingValue: 4500  
MaxHeatingValueUnits: Btu/lb  
MaxAllowableSulfurPercent: 2.5  
Unit: Tons

\* [Group 4]

EGID: SEP DK01  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
EmissionDataFilled: Yes  
Description: Emissions from the kiln and portion of emissions from FB01 exhaust through roof vents of the kiln

-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP DK01  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: Emissions from the kiln and portion of emissions from FB01 exhaust through roof vents of the kiln  
EUID: DK01  
EUType: Dryers, Calciners, Kilns & Ovens  
InstallationDate: 01/02/1980

Detail

PollutantName: Volatile Organic Compounds  
PollutantID: 617  
PollutantCd: VOC  
SubDescription: Volatile Organic Compounds  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 73  
PotentialEmissions: 73  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Formaldehyde  
PollutantID: 335  
PollutantCd: 50000  
SubDescription: Formaldehyde  
SubstanceChemName: HAP

EmissionLimit: 10  
ActualEmissions: 0.8943  
PotentialEmissions: 0.8943  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Methanol  
PollutantID: 429  
PollutantCd: 67561  
SubDescription: Methanol  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 2.939  
PotentialEmissions: 2.939  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Acetaldehyde  
PollutantID: 472  
PollutantCd: 75070  
SubDescription: Acetaldehyde  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 0.8030  
PotentialEmissions: 0.8030  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Total HAP  
PollutantID: 620  
PollutantCd: TOTAL-HAP  
SubDescription: Total HAP pollutant  
SubstanceChemName: CAP1  
EmissionLimit: 25  
ActualEmissions: 4.636  
PotentialEmissions: 4.636  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
Emission Unit Type: 4  
Emission Source Identifier: DK01  
Emission Source Name: Drying Kiln #1  
Description: Direct-fired kiln for drying green lumber. Heated air supplied by FB01. Emissions are emitted through the roof vents, identified as single point source S008.  
Manufacturer: US Natural Resources, Inc.  
Model Number: Hi temp direct fired

Date of Manufacture/Reconstruction/Modification: 01/01/2002  
Installation Date: 01/02/1980  
Identify type of emission unit: Kiln  
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other  
Description of other: Lumber Drying Kiln  
MaterialTypeName: Green dimensioned lumber  
MaximumHourlyRate: 10.4 tons/hr  
MoistureContent: 50  
FuelType: Wood Products  
PotentialFuelConsumption: 0  
MaxHourlyConsumption: 0  
MaxHourlyAvgConsumption: 0  
MaxAnnualFuelConsumption: 0  
PercentOzoneSeason: 0  
MaxHeatingValue: 0  
MaxHeatingValueUnits: 0  
MaxHeatInput: 0  
MinHeatInput: 0  
AvgHeatInput: 0  
MaxAllowableSulfurPercent: 2.5  
Comment: Source DK01 does not actually burn any fuel. Heat is provided by the Fluidized Bed Combustor (FB01). The application software would not validate the application without adding a "fuel burned component" for the kiln.

Unit: Tons  
ReleasePointID: S008  
ReleasePointType: Vertical  
Latitude: 30.83504  
Longitude: -83.996785  
Height: 20  
RuleID: 15  
RefType: SIP  
RefCode: .02(2)(e)  
Description: Particulate Emission from Manufacturing Processes  
RuleID: 6  
RefType: SIP  
RefCode: .02(2)(b)  
Description: Visible Emissions

\* [Group 5]

EGID:	SEP DK02
EGType:	Single Emissions Path (SEP)
NoSpecificMonitoring:	No
NoSpecificTesting:	Yes
EmissionDataFilled:	Yes

Description:

Emissions from the kiln and portion of emissions from FB01 exhaust through roof vents of the kiln

-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)

Emission Path Group Identifier: SEP DK02

Check here if no specific monitoring needed: false

Check here if no specific testing needed: true

Description: Emissions from the kiln and portion of emissions from FB01 exhaust through roof vents of the kiln

EUID: DK02

EUType: Dryers, Calciners, Kilns & Ovens

InstallationDate: 01/02/1980

#### Detail

PollutantName: Volatile Organic Compounds

PollutantID: 617

PollutantCd: VOC

SubDescription: Volatile Organic Compounds

SubstanceChemName: CAP1

EmissionLimit: 250

ActualEmissions: 73

PotentialEmissions: 73

CalculationMethod: NCASI Emission Factor

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Total HAP

PollutantID: 620

PollutantCd: TOTAL-HAP

SubDescription: Total HAP pollutant

SubstanceChemName: CAP1

EmissionLimit: 25

ActualEmissions: 4.636

PotentialEmissions: 4.636

CalculationMethod: NCASI Emission Factor

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Formaldehyde

PollutantID: 335

PollutantCd: 50000

SubDescription: Formaldehyde

SubstanceChemName: HAP

EmissionLimit: 10

ActualEmissions: 0.8943

PotentialEmissions: 0.8943

CalculationMethod: NCASI Emission Factor

Voluntarylimit: N

ComplianceStatus: Yes

PollutantName: Methanol

PollutantID: 429  
PollutantCd: 67561  
SubDescription: Methanol  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 2.939  
PotentialEmissions: 2.939  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N

ComplianceStatus: Yes  
PollutantName: Acetaldehyde  
PollutantID: 472  
PollutantCd: 75070

SubDescription: Acetaldehyde  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 0.8030  
PotentialEmissions: 0.8030  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N

ComplianceStatus: Yes

Emission Unit Type: 4

Emission Source Identifier: DK02

Emission Source Name: Drying Kiln #2

Description: Direct-fired drying kiln with heated air supplied by fluidized bed combustor FB01. Emissions are emitted through the roof vents, identified as single point source S009.

Manufacturer: US Natural Resources, Inc.

Model Number: Hi temp direct fired

Date of Manufacture/Reconstruction/Modification: 01/01/2002

Installation Date: 01/02/1980

Identify type of emission unit: Kiln

Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other

Description of other: Lumber Drying Kiln

Comments: Maximum hourly input is 4,166.7 BF/hr

MaterialTypeName: Green dimensioned lumber

MaximumHourlyRate: 10.4 tons/hr

MoistureContent: 50

FuelType: Wood Products

PotentialFuelConsumption: 0

MaxHourlyConsumption: 0

MaxHourlyAvgConsumption: 0

MaxAnnualFuelConsumption: 0

PercentOzoneSeason: 0

MaxHeatingValue: 0

MaxHeatingValueUnits: 0

MaxHeatInput: 0  
MinHeatInput: 0  
AvgHeatInput: 0  
MaxAllowableSulfurPercent: 2.5

Comment: Source DK02 does not actually burn any fuel. Heat is provided by the Fluidized Bed Combustor (FB01). The application software would not validate the application without adding a "fuel burned component" for the kiln.

Unit: Tons  
ReleasePointID: S009  
ReleasePointType: Vertical  
Latitude: 30.83529  
Longitude: -83.996866  
Height: 20  
RuleID: 15  
RefType: SIP  
RefCode: .02(2)(e)

Description: Particulate Emission from Manufacturing Processes

RuleID: 6  
RefType: SIP  
RefCode: .02(2)(b)  
Description: Visible Emissions

\* [Group 6]

EGID:	SEP DK03
EGType:	Single Emissions Path (SEP)
NoSpecificMonitoring:	No
NoSpecificTesting:	Yes
EmissionDataFilled:	Yes
Description:	Emissions from the kiln and SB01 exhaust through roof vents of the kiln

-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP DK03  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: Emissions from the kiln and SB01 exhaust through roof vents of the kiln

EUID: DK03  
EUType: Dryers, Calciners, Kilns & Ovens  
InstallationDate: 01/02/1980

Detail

PollutantName: Volatile Organic Compounds  
PollutantID: 617  
PollutantCd: VOC  
SubDescription: Volatile Organic Compounds  
SubstanceChemName: CAP1

EmissionLimit: 250  
ActualEmissions: 73  
PotentialEmissions: 73  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Total HAP  
PollutantID: 620  
PollutantCd: TOTAL-HAP  
SubDescription: Total HAP pollutant  
SubstanceChemName: CAP1  
EmissionLimit: 25  
ActualEmissions: 4.636  
PotentialEmissions: 4.636  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Formaldehyde  
PollutantID: 335  
PollutantCd: 50000  
SubDescription: Formaldehyde  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 0.8943  
PotentialEmissions: 0.8943  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Methanol  
PollutantID: 429  
PollutantCd: 67561  
SubDescription: Methanol  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 2.939  
PotentialEmissions: 2.939  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Acetaldehyde  
PollutantID: 472  
PollutantCd: 75070  
SubDescription: Acetaldehyde  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 0.8030



PotentialEmissions: 0.8030

CalculationMethod: NCASI Emission Factor

Voluntarylimit: N

ComplianceStatus: Yes

Emission Unit Type: 4

Emission Source Identifier: DK03

Emission Source Name: Drying Kiln #3

Description: Direct-fired kiln for drying green lumber. Heated air supplied by SB01. Emissions are emitted through the roof vents, identified as single point source S010.

Manufacturer: US Natural Resources, Inc.

Model Number: Hi temp direct fired

Date of Manufacture/Reconstruction/Modification: 01/01/2001

Installation Date: 01/02/1980

Identify type of emission unit: Kiln

Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other

Description of other: Lumber Drying Kiln

Comments: Maximum hourly input is 4,166.7 BF/hr

MaterialTypeName: Green dimensioned lumber

MaximumHourlyRate: 10.4 tons/hr

MoistureContent: 50

FuelType: Wood Products

PotentialFuelConsumption: 0

MaxHourlyConsumption: 0

MaxHourlyAvgConsumption: 0

MaxAnnualFuelConsumption: 0

PercentOzoneSeason: 0

MaxHeatingValue: 0

MaxHeatingValueUnits: 0

MaxHeatInput: 0

MinHeatInput: 0

AvgHeatInput: 0

MaxAllowableSulfurPercent: 2.5

Comment: Source DK03 does not actually burn any fuel. Heat is provided by the Suspension Burner (SB01). The application software would not validate the application without adding a "fuel burned component" for the kiln.

Unit: Tons

ReleasePointID: S010

ReleasePointType: Vertical

Latitude: 30.835479

Longitude: -83.996924

Height: 20

RuleID: 20

RefType: SIP

RefCode: .02(2)(g)

Description: Sulfur Dioxide

RuleID: 15  
RefType: SIP  
RefCode: .02(2)(e)  
Description: Particulate Emission from Manufacturing Processes  
RuleID: 6  
RefType: SIP  
RefCode: .02(2)(b)  
Description: Visible Emissions

\* [Group 7]

EGID: SEP DK04  
EGType: Single Emissions Path (SEP)  
NoSpecificMonitoring: No  
NoSpecificTesting: Yes  
EmissionDataFilled: Yes  
Description: System generated SEP Emission Path.  
-- Detail --:

Emission Path Group Type: Single Emissions Path (SEP)  
Emission Path Group Identifier: SEP DK04  
Check here if no specific monitoring needed: false  
Check here if no specific testing needed: true  
Description: System generated SEP Emission Path.  
EUID: DK04  
EUType: Dryers, Calciners, Kilns & Ovens  
InstallationDate: 01/01/2014

Detail

PollutantName: Volatile Organic Compounds  
PollutantID: 617  
PollutantCd: VOC  
SubDescription: Volatile Organic Compounds  
SubstanceChemName: CAP1  
EmissionLimit: 250  
ActualEmissions: 160  
PotentialEmissions: 160  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: Y  
ComplianceStatus: Yes  
PollutantName: Total HAP  
PollutantID: 620  
PollutantCd: TOTAL-HAP  
SubDescription: Total HAP pollutant  
SubstanceChemName: CAP1  
EmissionLimit: 25  
ActualEmissions: 10.16  
PotentialEmissions: 10.16  
CalculationMethod: NCASI Emission Factor

Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Formaldehyde  
PollutantID: 335  
PollutantCd: 50000  
SubDescription: Formaldehyde  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 1.960  
PotentialEmissions: 1.960  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Methanol  
PollutantID: 429  
PollutantCd: 67561  
SubDescription: Methanol  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 6.439  
PotentialEmissions: 6.439  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
PollutantName: Acetaldehyde  
PollutantID: 472  
PollutantCd: 75070  
SubDescription: Acetaldehyde  
SubstanceChemName: HAP  
EmissionLimit: 10  
ActualEmissions: 1.760  
PotentialEmissions: 1.760  
CalculationMethod: NCASI Emission Factor  
Voluntarylimit: N  
ComplianceStatus: Yes  
Emission Unit Type: 4  
Emission Source Identifier: DK04  
Emission Source Name: Drying Kiln #4  
Description: Direct-fired continuous drying kiln with heated air supplied by sloped grate burner SG01.  
Manufacturer: USNR  
Model Number: Unknown  
Date of Manufacture/Reconstruction/Modification: 01/01/2014  
Installation Date: 01/01/2014  
Identify type of emission unit: Kiln  
Identify the specific type of dryer, calciner, kiln or oven that this unit is: Other

Description of other: Lumber Drying Kiln

Comments: Maximum hourly input is 9,132.4 BF/hr

MaterialTypeName: Green dimensional lumber

MaximumHourlyRate: 22.79 tons/hr

MoistureContent: 50

FuelType: Wood Products

PotentialFuelConsumption: 0

MaxHourlyConsumption: 0

MaxHourlyAvgConsumption: 0

MaxAnnualFuelConsumption: 0

PercentOzoneSeason: 0

MaxHeatingValue: 0

MaxHeatingValueUnits: 0

MaxHeatInput: 0

MinHeatInput: 0

AvgHeatInput: 0

MaxAllowableSulfurPercent: 2.5

Comment: Source DK04 does not actually burn any fuel. Heat is provided by the Sloped Grate Burner (SG01). The application software would not validate the application without adding a "fuel burned component" for the kiln.

Unit: Tons

ReleasePointID: S011

ReleasePointType: Horizontal

Latitude: 30.834418

Longitude: -83.99756

Height: 17.5

ReleasePointID: S012

ReleasePointType: Horizontal

Latitude: 30.834382

Longitude: -83.997558

Height: 17.5

ReleasePointID: S013

ReleasePointType: Horizontal

Latitude: 30.83458

Longitude: -83.996802

Height: 17.5

ReleasePointID: S014

ReleasePointType: Horizontal

Latitude: 30.834544

Longitude: -83.99679

Height: 17.5

RuleID: 15

RefType: SIP

RefCode: .02(2)(e)

Description: Particulate Emission from Manufacturing Processes

RuleID: 6

RefType: SIP

RefCode: .02(2)(b)

Description: Visible Emissions