SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Fluidized Bed

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Fluidized Bed Natural Gas Dryers for Dehydration Lines
STACK DESCRIPTION	Rectangular Exit
BUILDING DESCRIPTION	

MANUFACTURER	Maxon	MODEL	435 Oven Pak II	DATE INSTALLED	
				DATE LAST MODIFIED	

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potatos	1	1	ton/hr
PRODUCT OUTPUT	Dried potatos	0.99925	0.99925	ton/hr
WASTE OUTPUT	Particulates	0.00075	0.00075	ton/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B

Fluidized bed

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	None	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)					
MANUFACTURER					
MODEL NUMBER					
PRESSURE DROP (IN. OF WATER)					
WET SCRUBBER FLOW (GPM)					
BAGHOUSE AIR/CLOTH RATIO (FPM)					

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	64
BUILDING/AREA LENGTH (FT)	53.8
BUILDING/AREA WIDTH (FT)	550

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	40
STACK EXIT DIAMETER (FT)	22 X 40
STACK EXIT GAS FLOWRATE (ACFM)	26000
STACK EXIT TEMPERATURE (DEG. F)	120

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		1.5 lb/ton	0	1.5	na	na	Tier II OP 011-00013
PM-10		0.66 lb/ton	0	0.66	7.6	3.3	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3 PROCESS AND MANUFACTURING OPERATIONS Dehydration

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Dehydration Process Lines				
STACK DESCRIPTION					
BUILDING DESCRIPTION					
MANUFACTURER		MODEL		DATE INSTALLED	
				DATE LAST MODIFIED	

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potatos	14.5	14.5	ton/hr
PRODUCT OUTPUT	Dried potatos	14.4927	14.4927	ton/hr
WASTE OUTPUT	Particulates	0.0073	0.0073	ton/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Dehydration

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	
MAR-MAY	
JUN-AUG	
SEP-NOV	

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	None	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)					
MANUFACTURER					
MODEL NUMBER					
PRESSURE DROP (IN. OF WATER)					
WET SCRUBBER FLOW (GPM)					
BAGHOUSE AIR/CLOTH RATIO (FPM)					

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	Various
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	Various
STACK EXIT DIAMETER (FT)	Various
STACK EXIT GAS FLOWRATE (ACFM)	Various
STACK EXIT TEMPERATURE (DEG. F)	Various

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		1.0 lb/ton	0	14.5	na	na	Tier II OP 011-00013
PM-10		0.44 lb/ton	0	6.4	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo A

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Silo A				
STACK DESCRIPTION	NONE				
BUILDING DESCRIPTION	Silo				
MANUFACTURER	NA	MODEL	VS-10-KS1	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	9599.9	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo A

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	

TYPE CODE (FROM APP. A)	Baghouse
MANUFACTURER	Dust Control EQ
MODEL NUMBER	VS-10-KSI
PRESSURE DROP (IN. OF WATER)	2.5
WET SCRUBBER FLOW (GPM)	NA
BAGHOUSE AIR/CLOTH RATIO (FPM)	7.1

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	0.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo B

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE	DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC	SECONDARY SCC	
DEQ SEGMENT CODE				

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Silo B				
STACK DESCRIPTION	NONE				
BUILDING DESCRIPTION	Silo				
MANUFACTURER	NA	MODEL	VS-10-KS1	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	9599.9	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo B

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	

TYPE CODE (FROM APP. A)	Baghouse
MANUFACTURER	Dust Control EQ
MODEL NUMBER	VS-10-KSI
PRESSURE DROP (IN. OF WATER)	2.5
WET SCRUBBER FLOW (GPM)	NA
BAGHOUSE AIR/CLOTH RATIO (FPM)	7.1

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	0.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo C

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Silo C
STACK DESCRIPTION	NONE
BUILDING DESCRIPTION	Silo

MANUFACTURER	NA	MODEL	VS-10-KS1	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	9599.9	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo C

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	
TYPE CODE (FROM APP. A)	Baghouse				
MANUFACTURER	Dust Control EQ				
MODEL NUMBER	VS-10-KSI				
PRESSURE DROP (IN. OF WATER)	2.5				
WET SCRUBBER FLOW (GPM)	NA				
BAGHOUSE AIR/CLOTH RATIO (FPM)	7.1				

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	0.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo D

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Silo D
STACK DESCRIPTION	NONE
BUILDING DESCRIPTION	Silo

MANUFACTURER	NA	MODEL	VS-10-KS1	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	9599.9	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo D

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	

TYPE CODE (FROM APP. A)	Baghouse
MANUFACTURER	Dust Control EQ
MODEL NUMBER	VS-10-KSI
PRESSURE DROP (IN. OF WATER)	2.5
WET SCRUBBER FLOW (GPM)	NA
BAGHOUSE AIR/CLOTH RATIO (FP	7.1

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	0.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo E

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Silo E				
STACK DESCRIPTION	NONE				
BUILDING DESCRIPTION	Silo				
MANUFACTURER	NA	MODEL	VS-10-KS1	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	9599.9	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo E

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	

TYPE CODE (FROM APP. A)	Baghouse
MANUFACTURER	Dust Control EQ
MODEL NUMBER	VS-10-KSI
PRESSURE DROP (IN. OF WATER)	2.5
WET SCRUBBER FLOW (GPM)	NA
BAGHOUSE AIR/CLOTH RATIO (FPM)	7.1

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	0.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo F

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTIO	Silo F				
STACK DESCRIPTION	NONE				
BUILDING DESCRIPTION	Silo				
MANUFACTURER	NA	MODEL	VS-10-KS1	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	#####	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo F

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	

TYPE CODE (FROM APP. A)	Baghouse
MANUFACTURER	Dust Control EQ
MODEL NUMBER	VS-10-KSI
PRESSURE DROP (IN. OF WATER)	2.5
WET SCRUBBER FLOW (GPM)	NA
BAGHOUSE AIR/CLOTH RATIO (FPM	7.1

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	2x2
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo G

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Silo G
STACK DESCRIPTION	NONE
BUILDING DESCRIPTION	Silo

MANUFACTURER	NA	MODEL	VS-10-KSI	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	9599.9	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo G

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	

TYPE CODE (FROM APP. A)	Baghouse
MANUFACTURER	Dust Control EQ
MODEL NUMBER	VS-10-KSI
PRESSURE DROP (IN. OF WATER)	2.5
WET SCRUBBER FLOW (GPM)	NA
BAGHOUSE AIR/CLOTH RATIO (FPM)	7.1

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	2.5x4.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo H

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Silo H				
STACK DESCRIPTION	NONE				
BUILDING DESCRIPTION	Silo				
MANUFACTURER	NA	MODEL	VS-10-KS1	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	#####	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo H

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	

TYPE CODE (FROM APP. A)	Baghouse
MANUFACTURER	Dust Control EQ
MODEL NUMBER	VS-10-KSI
PRESSURE DROP (IN. OF WATER)	2.5
WET SCRUBBER FLOW (GPM)	NA
BAGHOUSE AIR/CLOTH RATIO (FPM)	7.1

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	2.5x4.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD, 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3, PART B silo I

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	

TYPE CODE (FROM APP. A)	Baghouse
MANUFACTURER	Dust Control EQ
MODEL NUMBER	VS-10-KSI
PRESSURE DROP (IN. OF WATER	2.5
WET SCRUBBER FLOW (GPM)	NA
BAGHOUSE AIR/CLOTH RATIO (F	7.1

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	2.5x4.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS Silo J

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Silo J
STACK DESCRIPTION	NONE
BUILDING DESCRIPTION	Silo

MANUFACTURER	NA	MODEL	VS-10-KS1	DATE INSTALLED	NA
				DATE LAST MODIFIED	NA

PROCESSING DATA

PROCESS STREAM	MATERIAL DESCRIPTION	MAXIMUM HOURLY RATE	ACTUAL HOURLY RATE	UNITS
INPUT	Potato Flake	9600	9600	lb/hr
PRODUCT OUTPUT	Potato Flake	9599.9	9599.9	lb/hr
WASTE OUTPUT	Particulates	0.064	0.064	lb/hr
RECYCLE				

POTENTIAL HAPS IN PROCESS STREAM(S)

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN INPUT STREAM BY WEIGHT	FRACTION IN PRODUCT STREAM BY WEIGHT	FRACTION IN WASTE STREAM BY WEIGHT	FRACTION IN RECYCLE STREAM BY WEIGHT
NONE					

SECTION 3, PART B Silo J

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE		PRIMARY	Yes	SECONDARY	
TYPE CODE (FROM APP. A)	Baghouse				
MANUFACTURER	Dust Control EQ				
MODEL NUMBER	VS-10-KSI				
PRESSURE DROP (IN. OF WATER)	2.5				
WET SCRUBBER FLOW (GPM)	NA				
BAGHOUSE AIR/CLOTH RATIO (FPM)	7.1				

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	Y
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	2
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	73.6
STACK EXIT DIAMETER (FT)	2.5x4.5
STACK EXIT GAS FLOWRATE (ACFM)	750
STACK EXIT TEMPERATURE (DEG. F)	293

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		0.0000067 lb/hr	99.99	0.064	na	na	Tier II OP 011-00013
PM-10		0.0000067 lb/hr	99.99	0.064	6.4	22	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		na	na	na	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 4: WASTE INCINERATION

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	NA				
STACK DESCRIPTION					
BUILDING DESCRIPTION					
MANUFACTURER		MODEL		DATE INSTALLED	
				DATE LAST MODIFIED	
INCINERATOR TYPE		RATED HEATING CAPACITY (MILLION BTU/HOUR)			

PRIMARY COMBUSTION CHAMBER DATA

WASTE RETENTION TIME (MIN)		PERCENT OVERFIRE AIR	
BURNER TYPE		GAUGE PRESSURE (IN. H20)	
MINIMUM TEMPERATURE (DEG. F)		COMBUSTION AIR FEED RATE (ACFM)	
PERCENT UNDERFIRE AIR			

PRIMARY CHAMBER FUEL DATA

PARAMETER	PRIMARY FUEL	UNITS	SECONDARY FUEL	UNITS
FUEL CODE (SEE NOTE)				
PERCENT SULFUR				
PERCENT ASH				
PERCENT NITROGEN				
PERCENT CARBON				
PERCENT HYDROGEN				
PERCENT MOISTURE				
HEAT CONTENT (BTU/UNIT)				
MAXIMUM HOURLY COMBUSTION RATE (UNITS/HR)				
NORMAL ANNUAL COMBUSTION RATE (UNITS/YR)				

NOTE: INCINERATOR TYPES - 01) SINGLE CHAMBER; 02) MULTIPLE HEARTH; 03) ROTARY KILN; 04) FLUIDIZED BED;

05) OTHER (SPECIFY)

BURNER TYPE - 01) AXIAL FIRING; 02) RADIAL FIRING; 03) TANGENTIAL FIRING;

04) OTHER (SPECIFY)

FUEL CODES - 01) NATURAL GAS; 02) #1 OR #2 FUEL OIL; 03) #4 FUEL OIL; 04) #5 OR #6 FUEL OIL; 05) PROPANE

06) OTHER (SPECIFY)

SECTION 4, PART A1

SECONDARY COMBUSTION CHAMBER DATA

COMBUSTION CHAMBER VOLUME (CUBIC FEET)	NA	MINIMUM TEMPERATURE (DEG. F)		COMBUSTION AIR FEED RATE (SCFM)	
GAUGE PRESSURE (INCHES WATER)		BURNER TYPE			

(1) AXIAL FIRING
(2) RADIAL FIRING
(3) TANGENTIAL FIRING
(4) OTHER

SECONDARY CHAMBER FUEL DATA

PARAMETER	PRIMARY FUEL	UNITS	SECONDARY FUEL	UNITS
FUEL CODE (SEE NOTE)				
PERCENT SULFUR				
PERCENT ASH				
PERCENT NITROGEN				
PERCENT CARBON				
PERCENT HYDROGEN				
PERCENT MOISTURE				
HEAT CONTENT (BTU/UNIT)				
MAXIMUM HOURLY COMBUSTION RATE (UNITS/HR)				
NORMAL ANNUAL COMBUSTION RATE (UNITS/YR)				

NOTE: INCINERATOR TYPES - 01) SINGLE CHAMBER; 02) MULTIPLE HEARTH; 03) ROTARY KILN; 04) FLUIDIZED BED; 05) OTHER (SPECIFY)

BURNER TYPE - 01) AXIAL FIRING; 02) RADIAL FIRING; 03) TANGENTIAL FIRING; 04) OTHER (SPECIFY)

FUEL CODES - 01) NATURAL GAS; 02) #1 OR #2 FUEL OIL; 03) #4 FUEL OIL; 04) #5 OR #6 FUEL OIL; 05) PROPANE 06) OTHER (SPECIFY)

PRIMARY CHAMBER MONITORING AND COMBUSTION CONTROLS	

SECONDARY CHAMBER MONITORING AND COMBUSTION CONTROLS

SECTION 4, PART A2

WASTE CHARACTERIZATION AND COMBUSTION RATE NA

PARAMETER	PRIMARY FUEL	UNITS	SECONDARY FUEL	UNITS
WASTE DESCRIPTION				
PERCENT SULFUR				
PERCENT ASH				
PERCENT NITROGEN				
PERCENT CARBON				
PERCENT HYDROGEN				
PERCENT MOISTURE				
HEAT CONTENT (BTU/UNIT)				
MAXIMUM HOURLY COMBUSTION RATE (UNITS/HR)				
NORMAL ANNUAL COMBUSTION RATE (UNITS/YR)				
METHOD OF ASH DISPOSAL				

POTENTIAL HAPS IN WASTES

HAP DESCRIPTION	HAP CAS NUMBER	FRACTION IN WASTE FEED BY WEIGHT	FRACTION IN BOTTOM ASH BY WEIGHT	FRACTION IN FLY ASH BY WEIGHT

SECTION 4, PART B

OPERATING DATA NA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	
MAR-MAY	
JUN-AUG	
SEP-NOV	

OPERATING SCHEDULE	
HOURS/DAY	
DAY/WEEK	
WEEKS/YEAR	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)				
MANUFACTURER				
MODEL NUMBER				
PRESSURE DROP (IN. OF WATER)				
WET SCRUBBER FLOW (GPM)				
BAGHOUSE AIR/CLOTH RATIO (FPM)				

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS		
					(LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOX							
VOC							
LEAD							

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

Tank -1

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Tank 1 - 16,000 gal distillate fuel oil # 2
STACK DESCRIPTION	NONE
BUILDING DESCRIPTION	Tank

DATE INSTALLED	NA	DATE LAST MODIFIED	NA

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Distillate fuel oil # 2

TANK CAPACITY (GALLONS)	16,000	ANNUAL THROUGHPUT (GALLONS)	7,446,000
TANK TYPE	1	SOURCE	NA

PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF
(02) FLOATING ROOF (OR INTERNAL COVER)
(03) VARIABLE VAPOR SPACE
(04) PRESSURE TANK
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

PLEASE CHOOSE FROM BELOW
(01) PIPELINE
(02) RAIL CAR
(03) TANK TRUCK
(04) SHIP BARGE
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT	NA	TANK SURFACE AREA (SQ. FT)	862
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)	NA	METHOD OF VAPOR RECOVERY	6

Please choose from below:
(01) Incineration
(02) Refrigerated Liquid Scrubber
(03) Refrigerated Condenser
(04) Carbon Adsorption
(05) Vapor Return System
(06) No Recovery System
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE	Liquid	NUMBER OF PUMP SEALS		NUMBER OF IN-LINE VALVES		NUMBER OF SAFETY RELIEF VALVES	
NUMBER OF OPEN-ENDED LINES		NUMBER OF SAMPLING CONNECTIONS				NUMBER OF SAMPLING CONNECTIONS	

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
TANKS 4.0 doesn't speciale		

SECTION 5, PART B

Tank 1

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	None	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)					
MANUFACTURER					
MODEL NUMBER					
PRESSURE DROP (IN. OF WATER)					
WET SCRUBBER FLOW (GPM)					
BAGHOUSE AIR/CLOTH RATIO (FPM)					

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	NA
HOOD TYPE (FROM APP. B)	NA
MINIMUM FLOW (ACFM)	NA
PERCENT CAPTURE EFFICIENCY	NA
BUILDING HEIGHT (FT)	NA
BUILDING/AREA LENGTH (FT)	NA
BUILDING/AREA WIDTH (FT)	NA

STACK DATA

GROUND ELEVATION (FT)	4,482
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	NA
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	NA
STACK EXIT DIAMETER (FT)	NA
STACK EXIT GAS FLOWRATE (ACFM)	NA
STACK EXIT TEMPERATURE (DEG. F)	NA

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (T/yr)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		na	na	na	na	na	Tier II OP 011-00013
PM-10		na	na	na	na	na	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		TANKS 4.0	0	0.012	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

Tank -2

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Tank 2 - 30,000 gal distillate fuel oil # 2
STACK DESCRIPTION	NONE
BUILDING DESCRIPTION	Tank

DATE INSTALLED	NA	DATE LAST MODIFIED	NA

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Distillate fuel oil # 2

TANK CAPACITY (GALLONS)	30,000	ANNUAL THROUGHPUT (GALLONS)	7,446,000
TANK TYPE	1	SOURCE	NA

PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF
(02) FLOATING ROOF (OR INTERNAL COVER)
(03) VARIABLE VAPOR SPACE
(04) PRESSURE TANK
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

PLEASE CHOOSE FROM BELOW
(01) PIPELINE
(02) RAIL CAR
(03) TANK TRUCK
(04) SHIP BARGE
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT	NA	TANK SURFACE AREA (SQ. FT)	1300
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)	NA	METHOD OF VAPOR RECOVERY	6

Please choose from below.
(01) Incineration
(02) Refrigerated Liquid Scrubber
(03) Refrigerated Condenser
(04) Carbon Adsorption
(05) Vapor Return System
(06) No Recovery System
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE	Liquid	NUMBER OF PUMP SEALS		NUMBER OF IN-LINE VALVES		NUMBER OF SAFETY RELIEF VALVES	
NUMBER OF OPEN-ENDED LINES		NUMBER OF SAMPLING CONNECTIONS				NUMBER OF SAMPLING CONNECTIONS	

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
TANKS 4.0 doesn't speciate		

SECTION 5, PART B **Tank 2**

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	None	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)					
MANUFACTURER					
MODEL NUMBER					
PRESSURE DROP (IN. OF WATER)					
WET SCRUBBER FLOW (GPM)					
BAGHOUSE AIR/CLOTH RATIO (FPM)					

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	NA
HOOD TYPE (FROM APP. B)	NA
MINIMUM FLOW (ACFM)	NA
PERCENT CAPTURE EFFICIENCY	NA
BUILDING HEIGHT (FT)	NA
BUILDING/AREA LENGTH (FT)	NA
BUILDING/AREA WIDTH (FT)	NA

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	NA
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	NA
STACK EXIT DIAMETER (FT)	NA
STACK EXIT GAS FLOWRATE (ACFM)	NA
STACK EXIT TEMPERATURE (DEG. F)	NA

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (T/yr)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		na	na	na	na	na	Tier II OP 011-00013
PM-10		na	na	na	na	na	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		TANKS 4.0	0	0.02	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

Tank -3

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Tank 3 - 30,000 gal distillate fuel oil # 2
STACK DESCRIPTION	NONE
BUILDING DESCRIPTION	Tank

DATE INSTALLED	NA	DATE LAST MODIFIED	NA

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Distillate fuel oil # 2

TANK CAPACITY (GALLONS)	30,000	ANNUAL THROUGHPUT (GALLONS)	7,446,000
TANK TYPE	1	SOURCE	NA

PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF
(02) FLOATING ROOF (OR INTERNAL COVER)
(03) VARIABLE VAPOR SPACE
(04) PRESSURE TANK
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

PLEASE CHOOSE FROM BELOW
(01) PIPELINE
(02) RAIL CAR
(03) TANK TRUCK
(04) SHIP BARGE
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT	NA	TANK SURFACE AREA (SQ. FT)	1300
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)	NA	METHOD OF VAPOR RECOVERY	6

Please choose from below.
(01) Incineration
(02) Refrigerated Liquid Scrubber
(03) Refrigerated Condenser
(04) Carbon Adsorption
(05) Vapor Return System
(06) No Recovery System
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE	Liquid	NUMBER OF PUMP SEALS		NUMBER OF IN-LINE VALVES		NUMBER OF SAFETY RELIEF VALVES	
NUMBER OF OPEN-ENDED LINES		NUMBER OF SAMPLING CONNECTIONS				NUMBER OF SAMPLING CONNECTIONS	

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
TANKS 4.0 doesn't speciate		

SECTION 5, PART B Tank 3

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	None	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)					
MANUFACTURER					
MODEL NUMBER					
PRESSURE DROP (IN. OF WATER)					
WET SCRUBBER FLOW (GPM)					
BAGHOUSE AIR/CLOTH RATIO (FPM)					

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	NA
HOOD TYPE (FROM APP. B)	NA
MINIMUM FLOW (ACFM)	NA
PERCENT CAPTURE EFFICIENCY	NA
BUILDING HEIGHT (FT)	NA
BUILDING/AREA LENGTH (FT)	NA
BUILDING/AREA WIDTH (FT)	NA

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	NA
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	NA
STACK EXIT DIAMETER (FT)	NA
STACK EXIT GAS FLOWRATE (ACFM)	NA
STACK EXIT TEMPERATURE (DEG. F)	NA

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (T/yr)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		na	na	na	na	na	Tier II OP 011-00013
PM-10		na	na	na	na	na	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		TANKS 4.0	0	0.02	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS **Tank -5**

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Tank 5 - 20,000 gal low sulfur diesel fuel
STACK DESCRIPTION	NONE
BUILDING DESCRIPTION	Tank

DATE INSTALLED	NA	DATE LAST MODIFIED	NA

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	low sulfer diesel fuel

TANK CAPACITY (GALLONS)	20,000	ANNUAL THROUGHPUT (GALLONS)	71,000
TANK TYPE	1	SOURCE	NA

PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF
(02) FLOATING ROOF (OR INTERNAL COVER)
(03) VARIABLE VAPOR SPACE
(04) PRESSURE TANK
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

PLEASE CHOOSE FROM BELOW
(01) PIPELINE
(02) RAIL CAR
(03) TANK TRUCK
(04) SHIP BARGE
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT	NA	TANK SURFACE AREA (SQ. FT)	1124
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)	NA	METHOD OF VAPOR RECOVERY	6

Please choose from below
(01) Incineration
(02) Refrigerated Liquid Scrubber
(03) Refrigerated Condenser
(04) Carbon Adsorption
(05) Vapor Return System
(06) No Recovery System
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE	Liquid	NUMBER OF PUMP SEALS		NUMBER OF IN-LINE VALVES		NUMBER OF SAFETY RELIEF VALVES	
NUMBER OF OPEN-ENDED LINES		NUMBER OF SAMPLING CONNECTIONS				NUMBER OF SAMPLING CONNECTIONS	

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
TANKS 4.0 doesn't speciate		

SECTION 5, PART B Tank 5

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	None	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)					
MANUFACTURER					
MODEL NUMBER					
PRESSURE DROP (IN. OF WATER)					
WET SCRUBBER FLOW (GPM)					
BAGHOUSE AIR/CLOTH RATIO (FPM)					

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	NA
HOOD TYPE (FROM APP. B)	NA
MINIMUM FLOW (ACFM)	NA
PERCENT CAPTURE EFFICIENCY	NA
BUILDING HEIGHT (FT)	NA
BUILDING/AREA LENGTH (FT)	NA
BUILDING/AREA WIDTH (FT)	NA

STACK DATA

GROUND ELEVATION (FT)	4,462
UTM X COORDINATE (KM)	404.8
UTM Y COORDINATE (KM)	4,795.90
STACK TYPE (SEE NOTE BELOW)	NA
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	NA
STACK EXIT DIAMETER (FT)	NA
STACK EXIT GAS FLOWRATE (ACFM)	NA
STACK EXIT TEMPERATURE (DEG. F)	NA

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (T/yr)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM		na	na	na	na	na	Tier II OP 011-00013
PM-10		na	na	na	na	na	Tier II OP 011-00013
SO2		na	na	na	na	na	Tier II OP 011-00013
CO		na	na	na	na	na	Tier II OP 011-00013
NOX		na	na	na	na	na	Tier II OP 011-00013
VOC		TANKS 4.0	0	0.001	na	na	Tier II OP 011-00013
LEAD		na	na	na	na	na	Tier II OP 011-00013

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 6: LOADING RACKS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: LOADING RACK DATA

PROCESS CODE OR DESCRIPTION	NA
STACK DESCRIPTION	
BUILDING DESCRIPTION	

DATE INSTALLED		DATE MODIFIED	

TYPE OF LOADING

Please choose from the following:

(01) Overhead loading - splash fill, normal service;
(02) Overhead loading - splash fill, balanced serviced;
(03) Overhead loading - submerged fill, normal service;
(04) Overhead loading - submerged fill, balanced service;
(05) Bottom loading - normal service;
(06) Bottom loading - balanced service

LOADING ARM VAPOR CLOSURE

Please choose from the following:

(01) Incineration
(02) GREENWOOD
(03) SOCO
(04) CHICKSAN
(05) None - open to air
(06) Other

MATERIAL LOADED

ANNUAL THROUGHPUT (GAL.)

REID VAPOR PRESSURE (PSI)

MAXIMUM MATERIAL TEMPERATURE (DEG. F)

AVERAGE MATERIAL TEMPERATURE (DEG. F)

SECTION 6, PART B

OPERATING DATA NA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	
MAR-MAY	
JUN-AUG	
SEP-NOV	

OPERATING SCHEDULE	
HOURS/DAY	
DAY/WEEK	
WEEKS/YEAR	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)				
MANUFACTURER				
MODEL NUMBER				
PRESSURE DROP (IN. OF WATER)				
WET SCRUBBER FLOW (GPM)				
BAGHOUSE AIR/CLOTH RATIO (FPM)				

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS		
					(LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOX							
VOC							
LEAD							

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 7: SOLID MATERIAL TRANSPORT, HANDLING, AND STORAGE

DEQ USE ONLY NA

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION			
STACK DESCRIPTION			
BUILDING DESCRIPTION			
DATE INSTALLED OR LAST MODIFIED		DATE LAST MODIFIED	
MATERIAL DESCRIPTION			

MATERIAL TRANSFER RATES

MAXIMUM HOURLY TRANSFER RATE (UNITS/HOUR)	
NORMAL HOURLY TRANSFER RATE (UNITS/HOUR)	
NORMAL ANNUAL TRANSFER RATE (UNITS/YEAR)	
UNIT OF MEASURE	

BELT CONVEYOR/VEHICLE TRANSFER

NUMBER OF TRANSFERS		MATERIAL MOISTURE CONTENT (WEIGHT PERCENT)		MAXIMUM HOURLY WIND SPEED (MPH)	
CONVEYORS ENCLOSED? (Y/N)		CONVEYORS IN BUILDINGS? (Y/N)		AVERAGE HOURLY WIND SPEED (MPH)	
TRANSFERS ENCLOSED? (Y/N)		TRANSFERS IN BUILDINGS? (Y/N)			

PNEUMATIC CONVEYOR TRANSFERS

MATERIAL MOISTURE CONTENT (WEIGHT PERCENT)			
PRIMARY SEPARATOR TYPE		PRIMARY SEPARATOR PERCENT EFFICIENCY	
SECONDARY SEPARATOR TYPE		SECONDARY SEPARATOR PERCENT EFFICIENCY	

MATERIAL STORAGE DATA

PILE? (Y/N)		STORAGE CAPACITY		PILE LENGTH (FT.)	
SILO? (Y/N)		STORAGE CAPACITY UNITS		PILE WIDTH (FT.)	
				PILE HEIGHT (FT.)	
OTHER STORAGE TYPE DESCRIPTION					

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT

SECTION 7, PART B

OPERATING DATA NA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	
MAR-MAY	
JUN-AUG	
SEP-NOV	

OPERATING SCHEDULE	
HOURS/DAY	
DAY/WEEK	
WEEKS/YEAR	

POLLUTION CONTROL EQUIPMENT

PARAMETER TYPE	PRIMARY		SECONDARY	
TYPE CODE (FROM APP. A)				
MANUFACTURER				
MODEL NUMBER				
PRESSURE DROP (IN. OF WATER)				
WET SCRUBBER FLOW (GPM)				
BAGHOUSE AIR/CLOTH RATIO (FPM)				

VENTILATION AND BUILDING/AREA DATA

ENCLOSED (Y/N)?	
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING/AREA LENGTH (FT)	
BUILDING/AREA WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS		
					(LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOX							
VOC							
LEAD							

NOTE: STACK TYPE - 01) DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE

EMISSION FACTOR IN LBS/UNITS. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

SECTION 8: FUGITIVE ROAD DUST SOURCES

Paved

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

ROAD DESCRIPTION	Front Parking Lot	PAVED? (Y/N)	Y
LENGTH (FT.)	800		
WIDTH (FT.)	225		

BEGINNING COORDINATES UTM-X (KM)	UTM-Y (KM)	END COORDINATES UTM-X (KM)	UTM-Y (KM)
404.76	4795.91	404.885	4796.055

DATA FOR ALL ROADS - PAVED AND UNPAVED

VEHICLE DESCRIPTION	NUMBER OF ROUNDTRIPS PER DAY	VEHICLE MILES TRAVELED PER DAY	NUMBER OF DAYS PER YEAR USED	AVERAGE VEHICLE SPEED (MPH)	SURFACE SILT LOADING (g/m^2)
Potato Truck	90	135	365	10	7.4

DATA: UNPAVED ROADS

VEHICLE DESCRIPTION	VEHICLE EMPTY WEIGHT (TONS)	VEHICLE FULL WEIGHT TONS	NUMBER OF WHEELS PER VEHICLE	NUMBER OF DAYS >0.01 INCHES PRECIPITATION
Potato Truck	5	15		90

DATA: PAVED ROADS

NUMBER OF LANES	INDUSTRIAL AUGMENTATION FACTOR	DUST LOADING (LB/MILE)
4	2	300

ROAD DUST CHEMICAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN ROAD DUST BY WEIGHT
None		

SECTION 8, PART B

Paved

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAY/WEEK	7
WEEKS/YEAR	52

FUGITIVE DUST CONTROL DATA

PARAMETER CONTROL DESCRIPTION	PRIMARY	SECONDARY
CONTROL CODE (APPENDIX A)	None	None
MINIMUM DAILY APPLICATIONS OF CONTROL		
MAXIMUM DAILY APPLICATIONS OF CONTROL		
AVERAGE ANNUAL APPLICATIONS OF CONTROL		
AMOUNT APPLIED (UNITS/APPLICATION)		
UNITS FOR APPLICATION AMOUNT		

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION FACTOR (SEE BELOW)*	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS		
					(LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10		0.0535	0	0.3	NA	NA	Tier II OP 011-00013
LEAD							

*EF from AP-42, Section 13.1.3, Eq (2)

NOTES: IN LBS/UNIT. USE UNITS OF VEHICLE MILES TRAVELED (VMT).