

DRAFT AS OF 2/11/2020

Data Base Summary (Statement of Basis)

NSR Permit

Type of Permit Action: Regular-Significant Revision

PSD or Not	Minor or Title V	Portable or Not
Minor (not PSD)	Major-Title V	Stationary

Facility: 3 Bear Libby Gas Plant
Company: 3 Bear Delaware Operating - NM LLC
Facility Type: O&G-Gas Plant
Permit No. (NSR) 7482-M1
Operating Permit No. (TV) NA
IDEA ID No. 38067 - PRN20190001
AIRS ID No. 350251281
SIC CODE: 1321: Natural gas liquids
Permit Writer: Julia Kuhn

Application Notarized Date: September 6, 2019
Receive Date: September 13, 2019
Timeliness of TV Application: NA
Ruled Incomplete: NA
Ruled Complete: October 11, 2019
APP. sent to Field Office: TBD
PSD APP. Sent to EPA: NA
Public Notice Date&Newspaper: Initial - October 20, 2019, Hobbs News-Sun
2ND Public Notice (due to application revisions)
December 22, 2019, Hobbs News-Sun
3RD Public Notice (due to issuance date extension)
January 29, 2020, Hobbs News-Sun

Comments Due: November 19, 2019
January 21, 2020
February 28, 2020

Analysis Review Begins: NA
Analysis Review Ends: NA
Public Hearing: NA
Proposed Permit to EPA Acknowledged: NA
Permit Due: Initial - January 9, 2020.
Extension - April 8, 2020

Permit Issued: TBD
PSD Permit to EPA: NA

Facility Location: This facility is located approximately 16.2 miles SW of Monument, in Lea County, NM.

UTM ZONE: 13 ; Datum: WGS84
UTM Easting: 638430 meters
UTM Northing: 3601510 meters
Elevation: 3713 ft feet
County: Lea
In a Sensitive Area: No

Contact Name: Stephanie Swanson
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 Suite 1600
 Denver, CO 80202

NSR AGENCY* NOTIFICATION:

Agency	Distance	Units	Date Email Sent
State - Texas	43	km	10/11/19, 12/18/19 and 2/3/20

*As required by 20.2.72.206.A.(7): Mail a copy of the public notice at the same time it is sent for publication to the appropriate agency in the following locations if the source will locate within 50 kilometers (31.1 miles) of the boundary of other states, Bernalillo County, or a Class I Area.

PART II - FACILITY SPECIFICATIONS

Table 102.A: Total Pollutant Emissions from Entire Facility:

Pollutant	Emissions (tons per year)	Emission Type	Change in Emission since Permit 7482
Nitrogen Dioxide	145.8	Allowable	+21.1
Carbon Monoxide	241.7	Allowable	+113.8
Volatile Organic Compounds (VOC)	182.8	Allowable	+71.5
Sulfur Dioxide	238.4	Allowable	-0.4
Particulate Matter (total suspended)	9.1	Allowable	+1.2

Table 102.A: Total Pollutant Emissions from Entire Facility:

Pollutant	Emissions (tons per year)	Emission Type	Change in Emission since Permit 7482
Particulate Matter (10 microns or less)	8.9	Allowable	+2.3
Particulate Matter (2.5 microns or less)	8.9	Allowable	+2.7
Greenhouse Gas (GHG) as CO ₂ e	254,861	Potential	+83,327

Note: Total Potential Pollutant Emissions in Table 102.A, may include fugitive emissions; routine or predictable, startup, shutdown, and maintenance emissions (SSM); and permitted malfunction allowances if these are a sources of regulated air pollutants from this facility.

Table 102.B: Total Potential Hazardous Air Pollutants (HAPs)* and State Toxic Air Pollutants (TAPs)

Pollutant	Emissions (tons per year)	Emission Type	Change in Emission since Permit 7482
Acetaldehyde; (Ethyl aldehyde)	2.9	Potential	-0.2
Acrolein	1.8	Potential	-0.1
Formaldehyde	8.5	Potential	-0.7
Hexane	1.8	Potential	-0.1
Total HAP	15.7	Potential	-1.4

* HAP emissions are included in the Table 102.A VOC emissions total.

** Total HAP emissions may not agree with the sum of individual HAPs because only individual HAPs emitted at a rate greater than 1.0 ton per year are listed in Table 102.B.

AIR POLLUTION CONTROL DEVICES:

Subject Item ID, Type, ID, (Unit #)	SI Description	Primary	Secondary	Control Equipment Mfg & model (or equivalent)
ENG-1	Caterpillar G3508 4 SLB RICE/Compressor Option 1	Catalytic Oxidation	Air Fuel Ratio Controller	Not reported
ENG-2	Caterpillar G3516 4 SLB RICE/Compressor Option 2	Catalytic Oxidation	Air Fuel Ratio Controller	Not reported
ENG-3	Caterpillar G3516 4 SLB RICE/Compressors	Catalytic Oxidation	Air Fuel Ratio Controller	Not reported
ENG-4	Caterpillar G3516 4 SLB RICE/Compressors	Catalytic Oxidation	Air Fuel Ratio Controller	Not reported
ENG-5	Caterpillar G3516 4 SLB RICE/Compressors	Catalytic Oxidation	Air Fuel Ratio Controller	Not reported
ENG-6	Caterpillar G3516 4 SLB RICE/Compressors	Catalytic Oxidation	Air Fuel Ratio Controller	Not reported
ENG-7	Caterpillar G3516 4 SLB RICE/Compressors	Catalytic Oxidation	Air Fuel Ratio Controller	Not reported
ENG-8	Caterpillar G3516 4 SLB RICE/Compressors	Catalytic Oxidation	Air Fuel Ratio Controller	Not reported
ENG-9	Waukesha 7044 4 SLB RICE/Compressors	NSCR (Non-Selective Catalytic Reduction)	NA	Not reported
ENG-10	Waukesha 7044 4 SLB RICE/Compressors	NSCR (Non-Selective Catalytic Reduction)	NA	Not reported
ENG-11	Waukesha 7044 4 SLB RICE/Compressors	NSCR (Non-Selective Catalytic Reduction)	NA	Not reported
ENG-12	Waukesha 7044 4 SLB RICE/Compressors	NSCR (Non-Selective Catalytic Reduction)	NA	Not reported
TK-1	Gunbarrel Tank 500 bbl	Flare	NA	Not reported

Subject Item ID, Type, ID, (Unit #)	SI Description	Primary	Secondary	Control Equipment Mfg & model (or equivalent)
TK-2	Stabilized Condensate Tank 400 bbl	Flare	NA	Not reported
TK-3	Stabilized Condensate Tank 400 bbl	Flare	NA	Not reported
TK-4	Stabilized Condensate Tank 400 bbl	Flare	NA	Not reported
TK-5	Stabilized Condensate Tank 400 bbl	Flare	NA	Not reported
TK-6	Slop Oil Tank 400 bbl	Flare	NA	Not reported
CONDLOAD -1	Truck Loading (Condensate Loadout)	Flare	NA	Not reported
OILLOAD-1	Truck Loading (Oil Loadout)	Flare	NA	Not reported
AMINE-1	Amine Unit	Thermal Oxidizer (Incinerator)	Flare (during thermal oxidizer downtime)	Not reported
COMP	Compressor Blowdown	Flare	NA	Not reported

EQUIPMENT SPECIFICATIONS (Active/Alternative):

Unit No.	Unit Type	Make	Model No.	Serial No.	Yr of Construction	Yr of Manufacture	Operating Rate Max/Site	Operating Capacity Max/Site	Subject Item Status	Subject Item Description
¹ ENG-1	Engine Option #1									
¹ ENG-1	Caterpillar G3508 4 SLB RICE/Compressor Option 1	Caterpillar	G3508	TBD	12-JUN-06	01-JUL-10	690 hp / 690 hp	690 hp / 690 hp	Active	Caterpillar G3508 4 SLB RICE/Compressor Option 1

¹ENG-2	Engine Option #2									
¹ENG-2	Caterpillar G3516 4 SLB RICE/Compressor Option 2	Caterpillar	G3516	TBD	12-JUN-06	01-JUL-10	1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar G3516 4 SLB RICE/Compressor Option 2
ENG-3	Caterpillar G3516 4 SLB RICE/Compressors	Caterpillar	G3516	TBD	12-JUN-06	01-JUL-10	1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar G3516 4 SLB RICE/Compressors
ENG-4	Caterpillar G3516 4 SLB RICE/Compressors	Caterpillar	G3516	TBD	12-JUN-06	01-JUL-10	1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar G3516 4 SLB RICE/Compressors
¹ENG 5-8	Engine Option #1									
¹ENG-5	Caterpillar G3516 4 SLB RICE/Compressors	Caterpillar	G3516	TBD	12-JUN-06	01-JUL-10	1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar G3516 4 SLB RICE/Compressors
¹ENG-6	Caterpillar G3516 4 SLB RICE/Compressors	Caterpillar	G3516	TBD	12-JUN-06	01-JUL-10	1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar G3516 4 SLB RICE/Compressors

¹ ENG-7	Caterpillar G3516 4 SLB RICE/Compr essors	Caterpillar	G3516	TBD	12-JUN-06	01-JUL-10	1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar G3516 4 SLB RICE/Comp ressors
¹ ENG-8	Caterpillar G3516 4 SLB RICE/Compr essors	Caterpillar	G3516	TBD	12-JUN-06	01-JUL-10	1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar G3516 4 SLB RICE/Comp ressors
¹ ENG 9-12	Engine Option #2									
¹ ENG-9	Waukesha 7044 4 SLB RICE/Compr essors	Waukesha	7044	TBD	12-JUN-06	01-JUL-10	1680 hp / 1680 hp	1680 hp / 1680 hp	Active	Waukesha 7044 4 SLB RICE/Comp ressors
¹ ENG-10	Waukesha 7044 4 SLB RICE/Compr essors	Waukesha	7044	TBD	12-JUN-06	01-JUL-10	1680 hp / 1680 hp	1680 hp / 1680 hp	Active	Waukesha 7044 4 SLB RICE/Comp ressors
¹ ENG-11	Waukesha 7044 4 SLB RICE/Compr essors	Waukesha	7044	TBD	12-JUN-06	01-JUL-10	1680 hp / 1680 hp	1680 hp / 1680 hp	Active	Waukesha 7044 4 SLB RICE/Comp ressors
¹ ENG-12	Waukesha 7044 4 SLB RICE/Compr essors	Waukesha	7044	TBD	12-JUN-06	01-JUL-10	1680 hp / 1680 hp	1680 hp / 1680 hp	Active	Waukesha 7044 4 SLB RICE/Comp ressors
TK-1	Gunbarrel Tank	TBD	TBD	TBD	01-APR-18	01-APR-18	500 bbl / 500 bbl	500 bbl / 32172 gal/y	Active	Gunbarrel Tank 500 bbl
TK-2	Condensate Tank	TBD	TBD	TBD	08-JAN-18	01-APR-18	400 bbl / 400 bbl	400 bbl / 2299500 gal/y	Active	Stabilized Condensate Tank 400 bbl

TK-3	Condensate Tank	TBD	TBD	TBD	08-JAN-18	01-APR-18	400 bbl / 400 bbl	400 bbl / 2299500 gal/y	Active	Stabilized Condensate Tank 400 bbl
TK-4	Condensate Tank	TBD	TBD	TBD	08-JAN-18	01-APR-18	400 bbl / 400 bbl	400 bbl / 2299500 gal/y	Active	Stabilized Condensate Tank 400 bbl
TK-5	Condensate Tank	TBD	TBD	TBD	08-JAN-18	01-APR-18	400 bbl / 400 bbl	400 bbl / 2299500 gal/y	Active	Stabilized Condensate Tank 400 bbl
TK-6	Slop Oil Tank	TBD	TBD	TBD	08-JAN-18	01-APR-18	400 bbl / 400 bbl	400 bbl / 64644 gal/y	Active	Slop Oil Tank 400 bbl
PWTK-1	Produced Water Tank	TBD	TBD	TBD	01-APR-18	01-APR-18	400 bbl / 400 bbl	400 bbl / 64644 gal/y	Active	Produced Water 400 bbl
HTR-1	Hot Oil Heater	TBD	TBD	TBD	08-JAN-18	01-APR-18	49.42 MM BTU/h / 49.42 MM BTU/h	49.42 MM BTU/h / 49.42 MM BTU/h	Active	Hot Oil Heater
HTR-2	Regen Gas Heater	TBD	TBD	TBD	08-JAN-18	01-APR-18	11 MM BTU/h / 11 MM BTU/h	11 MM BTU/h / 11 MM BTU/h	Active	Regen Gas Heater
CONDLOAD -1	Truck Loading	NA	NA	NA	NA	NA	219000 bbl/y	219000 bbl/y	Active	Truck Loading (Condensate Loadout)
OILLOAD-1	Truck Loading	NA	NA	NA	NA	NA	1532 bbl/y	1532 bbl/y	Active	Truck Loading (Oil Loadout)
FUG-1	Fugitives	NA	NA	NA	NA	NA	NA	NA	Active	Equipment Leaks (Fugitives)

FUG-2	Fugitives	NA	NA	NA	NA	NA	NA	NA	Active	Equipment Leaks (Residue Fugitives)
AMINE-1	Amine sweetening unit	TBD	TBD	TBD	08-JAN-18	NA	60 MM SCF/d / 60 MM SCF/d	60 MM SCF/d / 60 MM SCF/d	Active	Amine Unit
TO-1	Thermal Oxidizer (Incinerator)	TBD	TBD	TBD	08-JAN-18	1-FEB-2018	TBD	TBD	Active	Thermal Oxidizer
FL-1	Process Flare	TBD	TBD	TBD	08-JAN-18	NA	TBD	TBD	Active	Upset/Maintenance Flare (pilot/purge emissions)
FL-2	Process Flare	TBD	TBD	TBD	08-JAN-18	NA	TBD	TBD	Active	Tank Flare
PLANT-BD	Plant Blowdown	TBD	TBD	NA	NA	NA	NA	NA	Active	Plant Blowdown
COMP	Compressor Blowdown	TBD	TBD	NA	NA	NA	NA	NA	Active	Compressor Blowdown
MAIN-1	Maintenance Activities	NA	NA	NA	NA	NA	NA	NA	Active	Maintenance Activities, Startup Shutdown
UP-MAL	Upsets Malfunctions	NA	NA	NA	NA	NA	NA	NA	Active	Upsets Malfunction
HR	Haul Road	NA	NA	NA	NA	NA	NA	NA	Active	Road Dust

1. The Permittee has an option of installing either Unit ENG-1 or ENG-2 and installing either ENG-5 through ENG-8, or ENG-9 through ENG-12.

EQUIPMENT SPECIFICATIONS (Inactive/Retired/Removed):

None. However, some of the equipment Unit No. has been re-labeled, thus causing some discrepancies between NSR permit 7482 and 7482-M1. For example, ENG-1a and ENG-1b are now ENG-1 and ENG-2, respectively.

EMISSIONS: Pollutant Permitted (Allowable) Emissions per piece of equipment or Subject Item as represented by applicant.

Unit No.	NO _x (pph.)	¹ NO _x (tpy.)	CO (pph)	CO (tpy)	VOC (pph)	VOC (tpy)	SO ₂ (pph)	SO ₂ (tpy)	PM ₁₀ (pph)	PM ₁₀ (tpy)	PM _{2.5} (pph)	PM _{2.5} (tpy)
¹ ENG-1	1.5	6.7	3.0	13.3	1.4	6.1	<	<	0.1	0.3	0.1	0.3
¹ ENG-2	3.0	13.3	2.4	10.4	2.4	10.5	<	<	0.1	0.5	0.1	0.5
ENG-3	3.0	13.3	2.4	10.4	2.4	10.5	<	<	0.1	0.5	0.1	0.5
ENG-4	3.0	13.3	2.4	10.4	2.4	10.5	<	<	0.1	0.5	0.1	0.5
¹ ENG-5	3.0	13.3	2.4	10.4	2.4	10.5	<	<	0.1	0.5	0.1	0.5
¹ ENG-6	3.0	13.3	2.4	10.4	2.4	10.5	<	<	0.1	0.5	0.1	0.5
¹ ENG-7	3.0	13.3	2.4	10.4	2.4	10.5	<	<	0.1	0.5	0.1	0.5
¹ ENG-8	3.0	13.3	2.4	10.4	2.4	10.5	<	<	0.1	0.5	0.1	0.5
¹ ENG-9	1.9	8.3	1.6	6.9	0.7	2.8	<	<	0.3	1.1	0.3	1.1
¹ ENG-10	1.9	8.3	1.6	6.9	0.7	2.8	<	<	0.3	1.1	0.3	1.1
¹ ENG-11	1.9	8.3	1.6	6.9	0.7	2.8	<	<	0.3	1.1	0.3	1.1
¹ ENG-12	1.9	8.3	1.6	6.9	0.7	2.8	<	<	0.3	1.1	0.3	1.1
TK-1	-	-	-	-	1.1	5.0	-	-	-	-	-	-
TK-2	-	-	-	-	<	<	-	-	-	-	-	-
TK-3	-	-	-	-	<	<	-	-	-	-	-	-
TK-4	-	-	-	-	<	<	-	-	-	-	-	-
TK-5	-	-	-	-	<	<	-	-	-	-	-	-
TK-6	-	-	-	-	<	<	-	-	-	-	-	-
HTR-1	2.4	10.6	4.1	17.8	<	1.2	<	<	0.4	1.6	0.4	1.6
HTR-2	1.1	4.7	<	4.0	<	<	<	<	0.1	0.4	0.1	0.4
CONDLOAD-1	-	-	-	-	*	9.2	-	-	-	-	-	-
OILLOAD-1	-	-	-	-	*	<	-	-	-	-	-	-
FUG-1	-	-	-	-	11.7	51.2	-	-	-	-	-	-

Unit No.	NO _x (pph.)	¹ NO _x (tpy.)	CO (pph)	CO (tpy)	VOC (pph)	VOC (tpy)	SO ₂ (pph)	SO ₂ (tpy)	PM ₁₀ (pph)	PM ₁₀ (tpy)	PM _{2.5} (pph)	PM _{2.5} (tpy)
AMINE-1	-	-	-	-	2.8	3.9	-	-	-	-	-	-
TO-1	1.6	6.8	1.3	5.7	<	<	64.5	235.2	-	-	-	-
FL-1 Pilot/Purge	0.0	0.2	0.2	0.7	0.0	0.1	0.0	0.0	6.3	0.9	6.3	0.9
FL-2	<	3.9	4.1	17.8	<	<	<	<	0.0	0.0	0.0	0.0
HR	-	-	-	-	-	-	-	-	3.2	0.1	0.3	0.0

1. The Permittee has an option of installing either Unit ENG-1 or ENG-2 and installing either ENG-5 through ENG-8, or ENG-9 through ENG-12.
2. Nitrogen dioxide emissions include all oxides of nitrogen expressed as NO₂.
3. For Title V facilities, the Title V annual fee assessments are based on the sum of allowable tons per year emission limits in Sections A106 and A107.
4. Compliance with emergency flare emission limits is demonstrated by limiting combustion to pilot and/or purge gas only.
 “.” indicates the application represented emissions of this pollutant are not expected.
 “<” indicates that the application represented the uncontrolled mass emission rates are less than 1.0 pph or 1.0 tpy for this emissions unit and this air pollutant.
 The Department determined that allowable mass emission limits were not required for this unit and this pollutant.
 “*” indicates hourly emission limits are not appropriate for this operating situation.
5. To report excess emissions for sources with no pound per hour and/or ton per year emission limits, see condition B110F.

Allowable SSM Units, Activities, and Emission Limits

Unit No.	Description	NO _x pph	NO _x tpy	CO pph	CO tpy	VOC pph	VOC tpy	SO ₂ pph	SO ₂ tpy
SSM Venting	MAIN-1 (maintenance activities) ¹	-	-	-	-	*	10.0	-	-
SSM Flaring to FL-1	COMP (compressor blowdowns), PLANT-BD (plant blowdowns), & TO-1 (thermal oxidizer downtime)	251.6	26.3	1146.8	120.0	92.9	14.1	57.1	1.3
Malfunction	Malfunction events	-	-	-	-	*	10.0	-	-

Pollutant Unpermitted (Potential) Emissions (Non-regulated, without permitted emission limits): None.

POTENTIAL HAPS EMISSIONS FROM TEMPO, Table has the most common HAPS – it is not inclusive of all HAPS that might be entered in TEMPO. All emissions are in tons/year

Unit No.(s)	Total HAPS		Formaldehyde ☑ HAP/□ TAP		Acetaldehyde ☑ HAP/□ TAP		Acrolein ☑ HAP/□ TAP		Benzene ☑ HAP/□ TAP		Toluene ☑ HAP/□ TAP		Ethylbenzene ☑ HAP/□ TAP		Xylenes ☑ HAP/□ TAP		n-Hexane ☑ HAP/□ TAP		2,2,4 TMP ☑ HAP/□ TAP		
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	
ENG-1	0.4	1.8	0.3	1.4	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--	--
ENG-2	0.4	2.0	0.3	1.2	0.1	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	--	--	
ENG 1-2*	0.4	2.0	0.3	1.4	0.1	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	--	--	
ENG-3	0.4	2.0	0.3	1.2	0.1	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	--	--	
ENG-4	0.4	2.0	0.3	1.2	0.1	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	--	--	
ENG-5	0.4	2.0	0.3	1.2	0.1	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	--	--	
ENG-6	0.4	2.0	0.3	1.2	0.1	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	--	--	
ENG-7	0.4	2.0	0.3	1.2	0.1	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	--	--	
ENG-8	0.4	2.0	0.3	1.2	0.1	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	--	--	
ENG-9	0.3	1.3	0.2	0.8	0.0	0.2	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	--	--
ENG-10	0.3	1.3	0.2	0.8	0.0	0.2	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	--	--
ENG-11	0.3	1.3	0.2	0.8	0.0	0.2	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	--	--
ENG-12	0.3	1.3	0.2	0.8	0.0	0.2	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	--	--
ENG 9-12*	1.8	7.8	1.1	4.7	0.4	1.7	0.2	1.0	0.1	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	--	--
TK-1	0.1	0.3	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	
TK 2-5	0.0	0.1	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
TK-6	0.0	0.0	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PWTK-1	0.0	0.0	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
HTR-1	0.1	0.4	0.0	0.0	--	--	--	--	0.0	0.0	0.0	0.0	--	--	--	--	0.1	0.4	--	--	
HTR-2	0.0	0.1	0.0	0.0	--	--	--	--	0.0	0.0	0.0	0.0	--	--	--	--	0.0	0.1	--	--	
CONDLOA D-1	2.1	0.6	--	--	--	--	--	--	0.3	0.1	0.3	0.1	0.0	0.0	0.0	0.0	1.3	0.4	0.0	0.0	
OILOLOAD-1	2.1	0.0	--	--	--	--	--	--	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	
FUG-1	0.1	0.5	--	--	--	--	--	--	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	
FUG-2	0.0	0.0	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
AMINE-1	0.0	0.0	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TO-1	0.0	0.0	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FL-1	0.0	0.0	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FL-2	0.0	0.0	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
COMP	0.0	0.0	--	--	--	--	--	--	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PLANT BD	15.1	0.0	--	--	--	--	--	--	5.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	
MAIN-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
UP/MAL-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
HR-1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	22.8	15.7	1.9	8.5	0.7	2.9	0.4	1.8	6.1	0.8	1.5	0.4	0.1	0.0	0.1	0.1	12.1	1.8	0.1	0.0	

*Composite emissions represent worse case engine emissions

**Totals are for information only and may not match the totals in the table “TOTAL HAPS and NM TAPS”