

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: Eagle Compressor Station
Company: XTO Energy Inc
Facility Type: O&G-Compressor Station
Permit No. (NSR) 7638-M2
Operating Permit No. (TV) NA
Agency Interest No. 38232 - PRN20220001
AIRS ID No. 350151863
SIC CODE: 1311: Crude petroleum and natural gas
Permit Writer: Joseph Kimbrell

Application Notarized Date: January 25, 2022
Receive Date: January 26, 2022
Timeliness of TV Application: NA
Ruled Incomplete: NR
Ruled Complete: February 14, 2022
APP. sent to Field Office: NA
Public involvement Plan (PIP): February 10, 2022
PSD APP. Sent to EPA: NA
Public Notice Date & Newspaper: February 18, 2022
Comments Due: March 20, 2022
1st Citizen Ltr. sent: March 21, 2022
2nd Citizen Ltr. sent: April 13, 2022
Public Hearing: TBD
Proposed Permit to EPA Acknowledged: NA
Permit Due: May 15, 2022
Permit Issued: TBD
PSD Permit to EPA: NA

Facility Location: This facility is located approximately 14.8 miles SE of Malaga in Eddy County, NM.
UTM Zone: 13; **Datum:** NAD83
UTM Easting: 608132 meters
UTM Northing: 3553321 meters
Elevation: 3357 ft
County: Eddy
In a Sensitive Area: No

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Consultant Name: Brett Zogas, Trinity Consultants
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Consultant Address: 1800 W Loop S, Ste 1000, Houston, TX 77027

NSR Agency* Notification:

Agency	Distance	Units	Date Email Sent
Class I - Carlsbad Caverns National Park	49.3	km	Not required
State - Texas	13	km	2/15/2022

*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 7638M1
Nitrogen Dioxide	182.8	Allowable	+14.5
Carbon Monoxide	238.3	Allowable	-4.7
Volatile Organic Compounds (VOC)	198.4	Allowable	-48.1
Sulfur Dioxide	20.3	Allowable	-3.6
Particulate Matter (total suspended)	17.86	Potential	
Particulate Matter (10 microns or less)	17.7	Potential	+0.4
Particulate Matter (2.5 microns or less)	17.6	Potential	+0.4
Carbon Dioxide (equivalent)	242,014	Potential	+10,866

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 7638M1
Acetaldehyde; (Ethyl aldehyde)	5.3	Potential	
Benzene	1.4	Potential	
Formaldehyde	25.5	Potential	+8.9
Hexane	3.7	Potential	
Total HAP	38.6	Potential	+17.3

* 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:

Unit # (Subject Item ID)	SI Description	Primary	Secondary
DEHY1 (EQPT24)	TEG Dehydrator with Condenser	Condenser	Flare
DEHY2 (EQPT25)	TEG Dehydrator with Condenser	Condenser	Flare
DEHY3 (EQPT26)	TEG Dehydrator with Condenser	Condenser	Flare
ENG1 (EQPT12)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
ENG11 (EQPT22)	Caterpillar 3516TA Natural Gas Engine-1380hp	Catalytic Converter	
ENG12 (EQPT23)	Caterpillar 3516TA Natural Gas Engine-1380hp	Catalytic Converter	
ENG13 (EQPT30)	removed-Caterpillar 3306TA Natural Gas Engine-203hp	Catalytic Converter	
ENG2 (EQPT13)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
ENG3 (EQPT14)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
ENG4 (EQPT15)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
ENG5 (EQPT16)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
ENG6 (EQPT17)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
ENG7 (EQPT18)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
ENG8 (EQPT19)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
ENG9 (EQPT20)	Caterpillar 3616TA Natural Gas Engine-5000hp	Catalytic Converter	
LPS (EQPT1)	Low Pressure Separator (Primary; emissions vented to stack FI 1,2,3)	Flare	
SKT1 (EQPT32)	Skim Tank, 1000 bbl	Flare	
SKT2 (EQPT33)	Skim Tank (Backup), 1000 bbl	Flare	
OT1 (EQPT3)	Crude Oil Tank	Flare	
OT2 (EQPT4)	Crude Oil Tank	Flare	
OT3 (EQPT5)	Crude Oil Tank	Flare	
OT4 (EQPT6)	Crude Oil Tank	Flare	
WT1 (EQPT7)	Produced Water Tank	Flare	
WT2 (EQPT8)	Produced Water Tank	Flare	

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
DEHY1 EQPT24	Glycol Dehy Still Vent/Flash Tank	NA	NA	NA			80 MM SCF/d / 80 MM SCF/d	80 MM SCF/d / 80 MM SCF/d	Active	TEG Dehydrator with Condenser
DEHY1 SSM RPNT5	Stack/Vent	NA	NA	NA	15-MAY-22		/	/	Active	Condenser vapors routed to reboilers emissions
DEHY2 EQPT25	Glycol Dehy Still Vent/Flash Tank	NA	NA	NA			80 MM SCF/d / 80 MM SCF/d	80 MM SCF/d / 80 MM SCF/d	Active	TEG Dehydrator with Condenser
DEHY2 SSM RPNT6	Stack/Vent	NA	NA	NA	15-MAY-22		/	/	Active	Condenser vapors routed to reboilers emissions
DEHY3 EQPT26	Glycol Dehy Still Vent/Flash Tank	NA	NA	NA			80 MM SCF/d / 80 MM SCF/d	80 MM SCF/d / 80 MM SCF/d	Active	TEG Dehydrator with Condenser
DEHY3 SSM RPNT7	Stack/Vent	NA	NA	NA	15-MAY-22		/	/	Active	Condenser vapors routed to reboilers emissions
ENG1 EQPT12	Internal combustion engine	Caterpillar	G3616TA	TBD	01-JAN-21	01-JAN-21	5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine- 5000hp
ENG2 EQPT13	Internal combustion engine	Caterpillar	G3616TA	TBD			5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine- 5000hp
ENG3 EQPT14	Internal combustion engine	Caterpillar	3616TA	TBD	01-JAN-21	01-JAN-21	5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine- 5000hp

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
ENG4 EQPT15	Internal combustion engine	Caterpillar	3616TA	TBD			5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine-5000hp
ENG5 EQPT16	Internal combustion engine	Caterpillar	3616TA	TBD	01-JAN-21	01-JAN-21	5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine-5000hp
ENG6 EQPT17	Internal combustion engine	Caterpillar	3616TA	TBD			5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine-5000hp
ENG7 EQPT18	Internal combustion engine	Caterpillar	3616TA	TBD			5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine-5000hp
ENG8 EQPT19	Internal combustion engine	Caterpillar	3616TA	TBD			5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine-5000hp
ENG9 EQPT20	Internal combustion engine	Caterpillar	3616TA	TBD			5000 hp / 5000 hp	5000 hp / 5000 hp	Active	Caterpillar 3616TA Natural Gas Engine-5000hp
ENG11 EQPT22	Internal combustion engine	Caterpillar	3516TA	TBD			1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar 3516TA Natural Gas Engine-1380hp
ENG12 EQPT23	Internal combustion engine	Caterpillar	3516TA	TBD			1380 hp / 1380 hp	1380 hp / 1380 hp	Active	Caterpillar 3516TA Natural Gas Engine-1380hp
FL1 -FL-3A,B-NO EQPT10	Process Flare	Tornado	TBD	TBD			70 MM SCF/d / 70 MM SCF/d	70 MM SCF/d / 70 MM SCF/d	Active	Flare 1, 2, 3 (HP and LP NO)

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
FL1 -FL-3A,B-Pilot EQPT9	Process Flare	Tornado	TBD	TBD	15-MAY-22		70 MM SCF/d / 70 MM SCF/d	70 MM SCF/d / 70 MM SCF/d	Active	Flare 1, 2, 3 (HP and LP Pilots)
FL1 -FL-3A,B-SSM EQPT11	Process Flare	Tornado	TBD	TBD			70 MM SCF/d / 70 MM SCF/d	70 MM SCF/d / 70 MM SCF/d	Active	Flare 1, 2, 3 (HP and LP SSM)
HTR1 EQPT31	Heater Treater/Stack Pak		TBD	TBD			/	.75 MM BTU/h / .75 MM BTU/h	Active	Fuel Line Heater
LOAD RPNT1	Transfer Point	TBD	TBD	TBD	01-JAN-21		72638 bbl/y /	1816 bbl/d / 72638 bbl/y	Active	Condensate Truck Loading
LOAD2 RPNT4	Transfer Point	TBD	TBD	TBD	01-JAN-21		93804 bbl/y /	521 bbl/d / 93804 bbl/y	Active	Water Truck Loading
LPS EQPT1	Separator	TBD	TBD	TBD					Active	Low Pressure Separator (Primary; emissions vented to stack FI 1,2,3)
OT1 EQPT3	Tank - Above Ground	TBD	TBD	TBD			500 bbl / 500 bbl	500 bbl / 27838588 gal/y	Active	Crude Oil Tank
OT2 EQPT4	Tank - Above Ground	TBD	TBD	TBD			500 bbl / 500 bbl	500 bbl / 27838588 gal/y	Active	Crude Oil Tank
OT3 EQPT5	Tank - Above Ground	TBD	TBD	TBD			500 bbl / 500 bbl	500 bbl / 27838588 gal/y	Active	Crude Oil Tank

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
OT4 EQPT6	Tank - Above Ground	TBD	TBD	TBD			500 bbl / 500 bbl	500 bbl / 27838588 gal/y	Active	Crude Oil Tank
RB1 EQPT27	Glycol Dehy Reboiler Burner	NA	NA	NA			2 MM BTU/h / 2 MM BTU/h	2 MM BTU/h / 2 MM BTU/h	Active	Glycol Regenerator 2 MMBtu/hr
RB2 EQPT28	Glycol Dehy Reboiler Burner	NA	NA	NA			2 MM BTU/h / 2 MM BTU/h	2 MM BTU/h / 2 MM BTU/h	Active	Glycol Regenerator 2 MMBtu/hr
RB3 EQPT29	Glycol Dehy Reboiler Burner	NA	NA	NA			2 MM BTU/h / 2 MM BTU/h	2 MM BTU/h / 2 MM BTU/h	Active	Glycol Regenerator 2 MMBtu/hr
SKT1 EQPT32	Tank - Above Ground	TBD	TBD	TBD			1000 bbl / 1000 bbl	1000 bbl / 8274184 gal/y	Active	Skim Tank, 1000 bbl
SKT2 EQPT33	Tank - Above Ground	TBD	TBD	TBD			1000 bbl / 1000 bbl	1000 bbl / 8274184 gal/y	Active	Skim Tank (Backup), 1000 bbl
WT1 EQPT7	Tank - Above Ground	TBD	TBD	TBD			500 bbl / 500 bbl	500 bbl / 7988956 bbl/y	Active	Produced Water Tank
WT2 EQPT8	Tank - Above Ground	TBD	TBD	TBD			500 bbl / 500 bbl	500 bbl / 7988956 bbl/y	Active	Produced Water Tank
ROAD AREA1	Roads	NA	NA	NA			/	/	Active	Haul Road Emissions
FUG RPNT2	Fugitives	TBD	TBD	TBD			/	/	Active	Fugitive Emissions
SSM RPNT3	Stack/Vent	TBD	TBD	TBD			/	/	Active	Startup Shutdown Maintenance

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
MALF RPNT8	Stack/Vent	TBD	TBD	TBD			/	/	Active	Malfunction Emissions

1. All TBD (to be determined) units and like-kind engine replacements must be evaluated for applicability to NSPS and MACT requirements.

2. The gun barrels are arranged as a redundant system in which one unit can be used if another is down for unforeseen circumstances. Only one gun barrel separator may operate at any given time.

3. Flare Notes: Each flare (Units FL1, FL2, and FL3) is a dual pressure flare capable of accommodating high pressure and low pressure. The facility's total gas produced can be sent to any flare (Units FL1, FL2, FL3) or a portion can be sent to each flare simultaneously. Any of the flares (Units FL1, FL2, FL3) can flare gas in the case of an emergency.

Equipment Specifications (Inactive/Retired/Removed):

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
EQPT21 ENG10	Internal combustion engine	Caterpillar	3606TA	TBD			1775 hp / 1775 hp	1775 hp / 1775 hp	Removed	removed-Caterpillar 3606TA Natural Gas Engine-1775hp
EQPT30 ENG13	Internal combustion engine	Caterpillar	3306TA	TBD			203 hp / 203 hp	203 hp / 203 hp	Removed	removed-Caterpillar 3306TA Natural Gas Engine-203hp

Equipment Specifications (Inactive/Retired/Removed):

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
EQPT2 LPS (Backup)	Separator	TBD	TBD	TBD			1000 bbl / 16 psig	1000 bbl / 4415040 gal/y	Backup/Standby	Low Pressure Separator (Back-up; emissions vented to stack FI 1,2,3)
TRMT1 VRT	Vapor Recovery System	TBD	TBD	TBD			/	/	Removed	REMOVED-Vapor Recovery Tower
TRMT2 VRU1	Vapor Recovery System	TBD	TBD	TBD			200 hp / 200 hp	200 hp / 200 hp	Removed	REMOVED-Vapor Recovery Unit (for VRT)

Emissions: Pollutant Permitted (Allowable and SSM) 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)	TSP (pph)	TSP (tpy)	PM ₁₀ (pph)	PM ₁₀ (tpy)	PM _{2.5} (pph)	PM _{2.5} (tpy)	H ₂ S (pph)	H ₂ S (tpy)
DEHY1 (EQPT24)																
DEHY2 (EQPT25)																
DEHY3 (EQPT26)																
DEHY1 SSM (RPNT5)		0.04		0.08		2.13		0.01								
DEHY2 SSM (RPNT6)		0.04		0.08		2.13		0.01								
DEHY3 SSM (RPNT7)		0.04		0.08		2.13		0.01								
ENG1 (EQPT12)	3.3	14.5	4.8	16.8	1.7	5.9	0.5	1.9			0.5	1.7	0.5	1.7		

Unit No.	NO _x (pph)	¹ NO _x (tpy)	CO (pph)	CO (tpy)	VOC (pph)	VOC (tpy)	SO ₂ (pph)	SO ₂ (tpy)	TSP (pph)	TSP (tpy)	PM ₁₀ (pph)	PM ₁₀ (tpy)	PM _{2.5} (pph)	PM _{2.5} (tpy)	H ₂ S (pph)	H ₂ S (tpy)
ENG2 (EQPT13)	4.1	14.5	4.8	16.8	1.7	5.9	0.5	1.9			0.5	1.7	0.5	1.7		
ENG3 (EQPT14)	4.1	14.5	4.8	16.8	1.7	5.9	0.5	1.9			0.5	1.7	0.5	1.7		
ENG4 (EQPT15)	4.1	14.5	4.8	16.8	1.7	5.9	0.5	1.9			0.5	1.7	0.5	1.7		
ENG5 (EQPT16)	4.1	14.5	4.8	16.8	1.7	5.9	0.5	1.9			0.5	1.7	0.4	1.7		
ENG6 (EQPT17)	4.1	14.5	4.8	16.8	4.2	18.4	0.5	1.9			0.5	1.7	0.5	1.7		
ENG7 (EQPT18)	3.3	14.5	5.1	22.2	4.2	18.4	0.5	2.3			0.4	1.7	0.4	1.7		
ENG8 (EQPT19)	3.3	14.5	5.1	22.2	4.2	18.4	0.5	2.3			0.4	1.7	0.4	1.7		
ENG9 (EQPT20)	3.3	14.5	5.1	22.2	4.2	18.4	0.5	2.3			0.4	1.7	0.4	1.7		
ENG11 (EQPT22)	1.9	6.7	1.2	4.0	1.4	6.2	0.2	0.6								
ENG12 (EQPT23)	1.9	6.7	1.2	4.0	0.7	2.5	0.2	0.6								
ENG13 (EQPT30)																
OT1 (EQPT3)																
OT3 (EQPT5)																
LPS (EQPT1)																
LPS (Backup) (EQPT2)																
LOAD (RPNT1)					64.64	9.93										
LOAD2 (RPNT4)					0.46	0.08										
FL1 -FL-3A,B-SSM (EQPT11)		19.69		39.31		35.0		0.2		0.82		0.82		0.82		
SKT1 (EQPT32)																
SKT2 (EQPT33)																
OT2 (EQPT4)																
OT4 (EQPT6)																
WT1 (EQPT7)																
WT2 (EQPT8)																
FL1 -FL-3A,B-Pilot (EQPT9)	1.63	7.15	3.26	14.28	2.02	8.85	0.29	0.07	0.07	0.32	0.07	0.32	0.07	0.32		

Unit No.	NO _x (pph)	¹ NO _x (tpy)	CO (pph)	CO (tpy)	VOC (pph)	VOC (tpy)	SO ₂ (pph)	SO ₂ (tpy)	TSP (pph)	TSP (tpy)	PM ₁₀ (pph)	PM ₁₀ (tpy)	PM _{2.5} (pph)	PM _{2.5} (tpy)	H ₂ S (pph)	H ₂ S (tpy)
FL1 -FL-3A,B-NO (EQPT10)	2.74	7.75	5.48	21.83	16.97	37.63	0.29	1.27	0.05	0.23	0.05	0.23	0.05	0.23		
RB1 (EQPT27)	0.3	1.3	0.25	1.09												
RB2 (EQPT28)	0.3	1.3	0.25	1.09												
RB3 (EQPT29)	0.3	1.3	0.25	1.09												
HTR1 (EQPT31)	0.11	0.49	0.09	0.41	0.01	0.03	0.01	0.04			0.01	0.04	0.01	0.04		
SSM (RPNT3)						10.0										
MALF (RPNT8)						10.0										
FUG					5.06	22.16										
TOTAL																

1 Nitrogen dioxide emissions include all oxides of nitrogen expressed as NO₂.

2 High pressure flare emissions are flare pilot emissions on Units FL1A, FL2A, and F3A. These units only operate to control inlet gas. Inlet gas can be routed to one or all of the flares.

3 Low Pressure flare emissions are from low pressure flare pilots on Units FL1B, FL2B, and FL3B, low pressure vapors from oil tanks (Units OT1-OT4), water tanks (Units WT1-WT-2) and the gun barrel separator (Unit LPS), and the uncondensed vapors from the dehydrator condensers (DEHY1-DEHY3). All flare emission can be routed to one or all of the flares.

4 The emission limits for the flares are a combined total for all flares, and these limits are the total allowable emissions.

5 “-” indicates the application represented emissions are not expected for this pollutant.

6 “<” 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.

7 “*” indicates hourly emission limits are not appropriate for this operating situation.

Pollutant Unpermitted (Potential) Emissions (Non-regulated, without permitted emission limits)

Unit No.	NO _x (pph)	¹ NO _x (tpy)	CO (pph)	CO (tpy)	VOC (pph)	VOC (tpy)	SO ₂ (pph)	SO ₂ (tpy)	TSP (pph)	TSP (tpy)	PM ₁₀ (pph)	PM ₁₀ (tpy)	PM _{2.5} (pph)	PM _{2.5} (tpy)	H ₂ S (pph)	H ₂ S (tpy)
ENG1 (EQPT12)									0.4	1.7	0.4	1.7	0.4	1.7		
ENG2 (EQPT13)									0.4	1.7	0.4	1.7	0.4	1.7		
ENG7 (EQPT18)									0.4	1.7	0.4	1.7	0.4	1.7		
ENG8 (EQPT19)									0.4	1.7	0.4	1.7	0.4	1.7		
ENG9 (EQPT20)									0.4	1.7	0.4	1.7	0.4	1.7		
ENG11 (EQPT22)									0.1	0.5	0.1	0.5	0.1	0.5		

Unit No.	NO _x (pph)	¹ NO _x (tpy)	CO (pph)	CO (tpy)	VOC (pph)	VOC (tpy)	SO ₂ (pph)	SO ₂ (tpy)	TSP (pph)	TSP (tpy)	PM ₁₀ (pph)	PM ₁₀ (tpy)	PM _{2.5} (pph)	PM _{2.5} (tpy)	H ₂ S (pph)	H ₂ S (tpy)
ENG12 (EQPT23)											0.1	0.5	0.1	0.5		
RB1 (EQPT27)					0.02	0.07	0.03	0.12			0.02	0.1	0.02	0.1		
RB2 (EQPT28)					0.02	0.07	0.03	0.12			0.02	0.1	0.02	0.1		
RB3 (EQPT29)					0.02	0.07	0.03	0.12			0.02	0.1	0.02	0.1		
ROAD (AREA1)									0.6	0.24		0.15		0.06		
TOTAL																

ALLOWABLE HAPS EMISSIONS FROM TEMPO: NONE

Stack No.	Unit No.(s)	Total HAPs		Formaldehyde <input checked="" type="checkbox"/> HAP or <input type="checkbox"/> TAP		n-Hexane <input checked="" type="checkbox"/> HAP or <input type="checkbox"/> TAP		Benzene <input checked="" type="checkbox"/> HAP or <input type="checkbox"/> TAP		Acetaldehyde <input checked="" type="checkbox"/> HAP or <input type="checkbox"/> TAP	
		lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
ENG1	ENG1	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG2	ENG2	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG3	ENG3	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG4	ENG4	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG5	ENG5	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG6	ENG6	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG7	ENG7	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG8	ENG8	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG9	ENG9	0.86	3.01	0.7	2.5	-	-	-	-	0.2	0.6
ENG11	ENG11	0.53	1.84	0.5	1.7	-	-	-	-	0.0	0.2
ENG12	ENG12	0.53	1.84	0.5	1.7	-	-	-	-	0.0	0.2
HTR1	HTR1	2.1E-03	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RB1	RB1	0.01	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RB1	RB2	0.01	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RB1	RB3	0.01	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FL1-FL3 Pilot	FL1-FL3 Pilot	0.03	0.13	-	-	0.028	0.122	0.001	0.005	-	-
FL1-FL3 Norm	FL1-FL3 Norm	1.89	3.06	-	-	0.70	1.55	0.48	0.76	-	-
FL1-FL3 SSM	FL1-FL3 SSM	31.90	1.35	-	-	28.59	1.19	1.16	0.05	-	-
FL1-FL3	DEHY1	Emissions Represented at FL1-FL3									
FL1-FL3	DEHY2	Emissions Represented at FL1-FL3									

FL1-FL3	DEHY3	Emissions Represented at FL1-FL3									
RB1	DEHY1 SSM	6.92	0.32	-	-	1.50	0.09	2.17	0.12	-	-
RB2	DEHY2 SSM	6.92	0.32	-	-	1.50	0.09	2.17	0.12	-	-
RB3	DEHY3 SSM	6.92	0.32	-	-	1.50	0.09	2.17	0.12	-	-
FL1-FL3	SKT1	Emissions Represented at FL1-FL3									
FL1-FL3	SKT2	Emissions Represented at FL1-FL3									
FL1-FL3	OT1	Emissions Represented at FL1-FL3									
FL1-FL3	OT2	Emissions Represented at FL1-FL3									
FL1-FL3	OT3	Emissions Represented at FL1-FL3									
FL1-FL3	OT4	Emissions Represented at FL1-FL3									
FL1-FL3	WT1	Emissions Represented at FL1-FL3									
FL1-FL3	WT2	Emissions Represented at FL1-FL3									
FL1-FL3	LPS	Emissions Represented at FL1-FL3									
LOAD	LOAD	2.9	0.4	-	-	-	-	-	-	-	-
LOAD2	LOAD2	1.5E-04	2.5E-05	-	-	-	-	-	-	-	-
FUG	FUG	0.40	1.76	-	-	0.11	0.48	0.04	0.18	-	-
SSM	SSM	-	-	-	-	-	-	-	-	-	-
ROAD	ROAD	-	-	-	-	-	-	-	-	-	-
Totals:		66.7	38.6	7.3	25.5	34.0	3.7	8.2	1.4	1.5	5.3