TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 7, 2025

MRS ALENA MIRO
MANAGER - ENVIRONMENTAL
ET GATHERING & PROCESSING LLC
1706 S MIDKIFF RD
MIDLAND TX 79701-8826

Standard Permit Registration Number: 169564 Renewal Date: July 27, 2032

Location:	From Orla Go 3 Mi Se on Hwy 285 S Turn Right on Cr 437 Go 1.6 Mi to Site on Left
City/County:	Orla, Reeves County
Project Description/Unit:	Bear Gas Processing Plant
Regulated Entity Number:	RN111529814
Customer Reference Number:	CN606187110
New or Existing Site:	Existing
30 TAC § 116.620 Effective Date:	09/04/2000

ET Gathering & Processing LLC has registered the emissions associated with the Bear Gas Processing Plant under the standard permit listed above as authorized by the Commissioners pursuant to Title 30 Texas Administrative Code § 116.602 (30 TAC § 116.602). Emissions are listed on the attached table.

The company is also reminded that these facilities may be subject to and must comply with other state and federal air quality requirements.

Permittees must report the operational status for each relevant standard permit registration by December 31st of each year electronically through the State of Texas Environmental Electronic Reporting System (STEERS). More information is available at www.tceq.texas.gov/permitting/air/annual-reporting-requirements-airpermits.

If you have questions, please contact Ms. Brittiny Williams at (512) 239-1346. This action is taken under the authority delegated by the Executive Director of the TCEQ.

Sincerely,

Michael Partee, Manager
Rule Registrations Section
Air Permits Division

cc: Air Section Manager, Region 7 - Midland

Project Number: 388570

Standard Permit Maximum Emission Rates Table
Standard Permit Number: 169564

The facilities and emissions included in this table have been represented and reviewed as the maximum emissions authorized by this standard permit registration.

MAXIMUM ALLOWABLE EMISSION RATES TABLE (MAERT)																
EPN / Emission Source	VOC		NOx		CO		PM_{10}		$PM_{2.5}$		SO_2		H_2S		CH_2O	
	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
TRAIN1 (Revised Emissions)																
C-1 / Compressor Engine	1.89	8.28	5.51	24.14	2.43	10.62	0.01	0.05	0.01	0.03	0.02	0.10	-	-	0.37	1.64
C-2 / Compressor Engine	1.89	8.28	5.51	24.14	2.43	10.62	0.01	0.05	0.01	0.03	0.02	0.10	-	-	0.37	1.64
C-3 / Compressor Engine	1.89	8.28	5.51	24.14	2.43	10.62	0.01	0.05	0.01	0.03	0.02	0.10	-	-	0.37	1.64
C-4 / Compressor Engine	1.89	8.28	5.51	24.14	2.43	10.62	0.01	0.05	0.01	0.03	0.02	0.10	-	-	0.37	1.64
FUG / Fugitives	1.80	7.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEGREB / TEG Reboiler (Residue Gas)	<0.01	<0.01	0.27	1.17	0.22	0.98	<0.01	0.01	<0.01	<0.01	-	-	-	-	-	-
HMO-HTR / Hot Oil Heater (Residue Gas)	<0.01	0.01	1.75	7.65	1.47	6.43	0.01	0.04	0.01	0.03	-	-	-	-	-	-
HMO-HTR2 / Hot Oil Heater 2 (Residue Gas)	0.01	0.04	3.28	14.35	4.50	19.69	0.03	0.12	0.10	0.02	-	-	-	-	-	-
REGEN-HTR / Regen Heater (Residue Gas)	<0.01	<0.01	0.55	2.40	0.46	2.02	<0.01	0.01	<0.01	0.01	-	-	-	-	-	-
STAB-HTR / Stabilizer Heater (Residue Gas)	0.15	0.64	2.65	11.59	2.22	9.74	0.01	0.06	0.01	0.05	0.02	0.07	-	-	-	-
FLARE1 / Process Flare (VRU+100% Flash Gas)	2.25	2.82	1.54	5.98	3.07	11.94	-	-	-	-	<0.01	<0.01	-	-	-	-
FLARE3 / Truck Loading	1.56	0.77	0.23	0.15	0.46	0.29	-	-	-	-	<0.01	<0.01	-	-	-	-
TO / Thermal Oxidizer	0.94	4.10	2.99	13.10	1.76	7.70	1.52	6.68	1.52	6.68	16.45	72.04	0.09	0.39	-	-
TK1 / Slop Oil/Water Tank	1.12	0.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TKMISC / Miscellaneous VOC Storage Tanks	0.07	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOAD1 / Truck Loading Slop Oil/Water	5.02	0.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOAD2 / Truck loading Stabilized Condensate	1.03	0.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alternate Operating Scenario: TO Operating 8,322 hr/yr. Flare Control 438 hr/yr																
TO / Thermal Oxidizer	0.94	3.89	2.99	12.44	1.76	7.32	1.52	6.34	1.52	6.34	16.45	68.44	0.09	0.37	-	-
FLARE2 / Acid Gas Flare (Amine & Dehy Waste)	1.45	0.32	5.34	1.27	45.65	10.19	-	-	-	-	16.44	3.60	0.18	0.04	-	-
Amine and Dehydration Flash Gas vapors AOS: Vapors routed to the heater fuel system 7,008 hr/yr & 1,752 hr/yr routed to Flare																
TEGREB / TEG Reboiler (Flash+Residue Gas)	0.02	0.09	0.27	1.17	0.22	0.98	<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	-	-
HMO-HTR / Hot Oil Heater (Flash+Residue Gas)	0.14	0.61	1.75	7.65	1.47	6.43	0.01	0.04	0.01	0.03	<0.01	0.02	<0.01	<0.01	-	-
HMO-HTR2 / Hot Oil Heater 2 (Flash+Residue Gas)	0.42	1.86	3.28	14.35	4.50	19.69	0.03	0.112	0.02	0.10	0.02	0.07	<0.01	<0.01	-	-
REGEN-HTR / Regen Heater (Flash + Residue Gas)	0.04	0.19	0.55	2.40	0.46	2.02	<0.01	0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	-	-
TRAIN2 (Existing Emissions)																
C1-T2 / Compressor Engine Train 2	1.89	8.28	5.51	24.14	2.43	10.62	0.01	0.05	0.01	0.03	0.02	0.10	-	-	0.37	1.64
C2-T2 / Compressor Engine Train 2	1.89	8.28	5.51	24.14	2.43	10.62	0.01	0.05	0.01	0.03	0.02	0.10	-	-	0.37	1.64

C3-T2 / Compressor Engine Train 2	1.89	8.28	5.51	24.14	2.43	10.62	0.01	0.05	0.01	0.03	0.02	0.10	-	-	0.37	1.64
C4-T2 / Compressor Engine Train 2	1.89	8.28	5.51	24.14	2.43	10.62	0.01	0.05	0.01	0.03	0.02	0.10	-	-	0.37	1.64
FUG2 / Fugitives	0.76	3.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TEGREB2 / TEG Reboiler	<0.01	<0.01	0.27	1.17	0.22	0.98	<0.01	0.01	<0.01	0.01	<0.01	<0.01	-	-	-	-
HMO-HTR2 / Hot Oil Heater	<0.01	<0.01	1.75	7.65	1.47	6.43	0.01	0.04	0.01	0.03	<0.01	<0.01	-	-	-	-
HMO-HTR2a / Hot Oil Heater 2	<0.01	<0.01	3.28	14.35	4.50	19.69	0.03	0.12	0.10	0.02	<0.01	<0.01	-	-	-	-
REGEN-HTR2 / Regen Heater	<0.01	<0.01	0.55	2.40	0.46	2.02	<0.01	0.01	<0.01	0.01	<0.01	<0.01	-	-	-	-
TO2 / Thermal Oxidizer (8,760 hrs/yr)	2.57	11.26	5.01	21.93	2.95	12.90	1.82	7.95	1.82	7.95	19.21	84.15	0.10	0.46	-	-
TK1 / Truck Loading Slop Oil/Water	1.12	0.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TKMISCT2 / Miscellaneous VOC Storage Tanks	0.07	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOAD1T2 / Truck Loading Slop Oil/Water	5.02	0.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alternate Operating Scenario: TO Operating 8,322 hr/yr. Flare Control 438 hr/yr																
TO2 / Thermal Oxidizer	2.57	10.70	5.01	20.84	2.95	12.26	1.82	7.55	1.82	7.55	19.21	79.94	0.10	0.43	-	-
FLARE1T2 / Process Flare T2	3.78	0.83	6.99	1.65	59.72	13.33	-	-	-	-	19.20	4.21	0.21	0.05	-	-
TOTAL EMISSIONS (TPY):		**102.68**		**298.20**		**208.28**		**15.44**		**15.14**		**157.12**		**0.89**		**13.13**
MAXIMUM OPERATING SCHEDULE: Hours/Year														8760		

Note: VOC emissions do not include formaldehyde emissions from engines. HAPs are included in VOC emissions.

VOC - volatile organic compounds
NO_x - total oxides of nitrogen
CO - carbon monoxide
PM_{10} - particulate matter equal to or less than 10 microns in size
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in size
SO_2 - sulfur dioxide
H_2S - hydrogen sulfide
CH_2O - formaldehyde
HAPs - hazardous air pollutants

Note: Fugitive emission rates are estimates and are enforceable through compliance with the standard permit representations.