

Attachment G

Permits

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PERMIT NUMBER: LA0076660
 AGENCY INTEREST NO.: 12389
 ACTIVITY NO.: PER20090003

OFFICE OF ENVIRONMENTAL SERVICES
Water Discharge Permit

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit is issued authorizing

Jefferson Davis Parish Sanitary Landfill Commission
 Jefferson Davis Parish Sanitary Landfill
 16157 Landfill Road
 Welsh, LA 70591

Type Facility: municipal solid waste disposal facility serving southwest Louisiana
Location: 16157 Landfill Road in Welsh, Jefferson Davis Parish
Receiving Waters: unnamed ditch, thence into Bayou Lacassine (Subsegment 050601)

to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, and III attached hereto.

This permit shall become effective on *01 February 2011*

This permit and the authorization to discharge shall expire five (5) years from the effective date of the permit.

Issued on *24 January 2011*

Cheryl Sonnier Nolan
 Assistant Secretary



BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

AUG 24 2009

received
8-27-09

CERTIFIED MAIL 7005 1820 0002 2093 2171

Danny Hylton
Jefferson Davis Parish Sanitary Landfill Commission
16157 Landfill Road
Welsh, LA 70591

RE: Issuance of Standard Permit Renewal
Jefferson Davis Sanitary Landfill
AI# 12389/D-053-1871/P-0100R1/ PER20070002
Jefferson Davis Parish

Dear Mr. Hylton:

Under the authority of the Louisiana Environmental Quality Act (La. R.S. 30:2001 et seq.), I hereby issue the enclosed Standard Permit Renewal for the above referenced facility. This issuance authorizes you to begin construction of the subject facility. Please be advised, an Order to Commence Operations shall be obtained from the Department prior to the commencement of operations of the facility, in accordance with the referenced Standard Permit Renewal (P-0100R1).

Please note that Executive Order No. BJ 2009-7 requires that prior to issuance of the Order to Commence, you must provide the Department with a written resolution or authorization from the appropriate municipal or parish governing authority where the subject facility will be located, dated within one hundred eighty (180) days prior to such order and stating that the facility is in compliance with all existing local zoning and land use restrictions.

Upon construction of any required construction measures, a registered engineer licensed in the state of Louisiana must certify that the facility has been constructed in accordance with the representations made in the permit application and all conditions specified in this Standard Permit Renewal. These construction activities shall be completed as specified in the implementation plan or within a reasonable timeframe as determined by the Department. If construction measures are not required, a certification from the permittee shall be sent to the Department within thirty (30) days of the issuance of the Standard Permit Renewal stating that all conditions of the permit have been met.

Hylton
AI12389/P-0100R1/PER20070002
Page 2 of 3

~~Please note, in accordance with LAC 33:VII.407.C.3 and 4, the Waste Permits Division shall initiate a start-up inspection within ten (10) working days of receipt of this certification and shall issue an order authorizing commencement of operations or a written notice of deficiency within fifteen (15) working days following the start-up inspection.~~

This permit action shall become final and not subject to further administrative review unless, no later than thirty (30) days after receipt of the document, you file a written request for a hearing.

Provisions of the permit may be appealed in writing pursuant to La. R.S. 30:2024 (A) within thirty (30) days from receipt of the permit renewal. Only those provisions specifically appealed will be suspended by a request for a hearing, unless the Secretary elects to suspend other provisions as well. A request must be directed to the following:

Louisiana Department of Environmental Quality
Office of the Secretary
Attention: Hearings Clerk, Legal Division
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

A copy of this request shall be sent to the Waste Permits Division.

~~In accordance with LAC 33:VII.513.H, the permit holder shall publish a notice of the issuance of the Standard Permit Renewal no later than ten (10) days following the issuance of the permit. This notice shall be published in the official journal of the state and in the official journal of the parish where the facility is located.~~

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit (including authorization under general permits, variances and other authorizations) during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Please reference your Agency Interest (AI#12389), Facility Identification Numbers (D-053-1871), Permit Activity Number (PER20070002), and Permit Number P-0100R1 on all future correspondence regarding this matter.

Hylton
A112389/P-0100R1/PER20070002
Page 3 of 3

If you have any questions concerning this matter, please contact Kathryn Berry of the Waste Permits Division at (225) 219-3099.

Sincerely,



Cheryl Sonnier Nolan
Assistant Secretary

kb

Attachment
C: Southwest Regional Office

STANDARD TYPE I and II PERMIT**Site Number:** D-053-1871**Standard Permit Number:** P-0100R1**Agency Interest:** 12389

Pursuant to the Louisiana Environmental Quality Act (La.R.S. 30:2001 et seq.; "the Act") as amended, and the Louisiana Administrative Code, Title 33, Part VII, a Standard Permit is issued to:

Jefferson Davis Parish Sanitary Landfill
16157 Landfill Road
Welsh, Louisiana 70591

(Hereinafter referred to as the "Permittee")

Limitations and conditions applicable to this Standard Permit:

1. This Standard Permit applies only to Jefferson Parish Sanitary Landfill, Type I Industrial Landfill, Type I Industrial Surface Impoundment, Type II Sanitary landfill and Type II Residential/ Commercial Surface Impoundment. Facility (hereinafter referred to as the "Facility"), is located at Section 15, Township 9, Range 5 West in Jefferson Davis Parish.
2. An Order to Commence Operations shall be obtained from the Department prior to the commencement of operations of the facility, in accordance with the referenced permit renewal (P-0100R1).
3. Executive Order No. BJ 2009-7 requires that prior to issuance of the Order to Commence, you must provide the Department with a written resolution or authorization from the appropriate municipal or parish governing authority where the subject facility will be located, dated within one hundred eighty (180) days prior to such order and stating that the facility is in compliance with all existing local zoning and land use restrictions.
4. Upon construction of any required construction measures, a registered engineer licensed in the state of Louisiana must certify that the facility has been constructed in accordance with the representations made in the permit application and all conditions specified in this Standard Permit Renewal. These construction activities shall be completed as specified in the implementation plan or within a reasonable timeframe as determined by the Department. If construction measures are not required, a certification from the permittee shall be sent to the Department within thirty (30) days of the issuance of the Standard Permit Renewal stating that all conditions of the permit have been met.

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5. The Waste Permits Division shall initiate a start-up inspection within ten (10) working days of receipt of this certification and shall issue an order authorizing commencement of operations or a written notice of deficiency within fifteen (15) working days following the start-up inspection.
 6. Upon construction of new units of the facility and receipt of certification from the permittee, the Waste Permits Division will conduct a unit start-up inspection within ten (10) working days and issue an authorization to commence or Notice of Deficiency within ten (10) working days in accordance with LAC 33:VII.407.E.2 and 3.
 7. The operation of the Facility is subject to all applicable rules and regulations and orders of the Waste Permits Division and all conditions of this Standard Permit Renewal.
 8. The operation of the Facility shall be in accordance with the representations made in the permit renewal application accepted by the Waste Permits Division and all conditions of this Standard Permit Renewal.
 9. The estimated date of final closure of the Facility as provided in LAC 33:VII.521.J. of the permit renewal application is to be used for the purpose of projecting the Facility's potential capacity. This Standard Permit Renewal expires on 28 August 2019. A new permit application shall be submitted four-hundred fifty-five (455) days prior to this expiration date unless permission for a later filing date is granted by the administrative authority, or the facility shall be closed in accordance with the closure plan outlined in the permit renewal application.
 10. No modifications to a site, facility, process or disposal method or operation may be effected without prior approval of the Assistant Secretary of the Office of Environmental Services in accordance with LAC 33:VII.517.A.
 11. Failure to operate the facility in accordance with the Act, The Louisiana Administrative Code, Title 33, Part VII, or this Standard Permit Renewal shall constitute a violation which will subject the Permittee to the possible imposition of civil penalties in accordance with LAC 33:VII.511.H.
 12. All updated financial information required by LAC 33:VII.521.K and the applicable standards in LAC 33:VII.1303 shall be submitted annually to the Department.
 13. Closure and/or post-closure estimates must be adjusted within thirty (30) days after the anniversary of the date on which the first cost estimate was prepared on the basis of either

the inflation factor derived from the Annual Implicit Price Deflator for Gross Domestic Product as published in the U.S. Department of Commerce in its Survey of Current Business or re-estimation of the closure and/or post-closure costs in accordance with LAC 33:VII.1303.A.2.c. The Permittee must submit written notice of any closure/post-closure adjustment to the Office of Environmental Services, Waste Permits Division within fifteen (15) days following such adjustment.



Cheryl Sonnier Nolan, Assistant Secretary
Department of Environmental Quality

24 August 2009
Date of Issuance

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, Ph.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY

ENVIRONMENTAL SERVICES

Certified Mail No.
7006 3450 0001 2837 9595

Activity No.: PER20050002
Agency Interest No. 12389

Mr. E. R. Giles
Chairman
Jefferson Davis Parish Sanitary Landfill Commission
16547 Landfill Rd
Welsh, LA 70591

RE: Part 70 Operating Permit
Jefferson Davis Parish Sanitary Landfill
Welsh, Jefferson Davis Parish, Louisiana

Dear Mr. Giles:

This is to inform you that the permit modification and renewal for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 23 of June, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this 23 day of June, 2009.

Permit No.: 1360-00060-V1

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN:sfp

c: EPA Region VI

Post Office Box 4313 • Baton Rouge, Louisiana 70821-4313 • Phone 225-219-3181 • Fax 225-219-3309

www.deq.louisiana.gov

READ THE INSTRUCTIONS • COMPLETE ENTIRE FORM

1. Purpose of Filing: Initial Filing Change of Address/Contact/Officer
 Annual Refiling Organization Name Change

2. OOC Code Number: P20667X 2a. PHMSA ID Number: 32457

3. Type of Operation: Gas Transmission Municipal Master Meter
 Hazardous Liquid Gas Gathering Gas Utility District Privately Owned Distribution

3a. Initial Date of LA Operation: 9/26/2007

4. Certified Intrastate Natural Gas Transporter? Yes No Certified Date: _____

5. Current Plan of Organization (Select ONLY ONE): Corporation - State Where Inc. _____ Other _____
 Company Individual Joint Venture LLC Partnership Trade Name

5a. LA Sec. of State Charter No.: _____

6. Organization - Name & Mailing Address:
JDP Renewables, LLC
16161 Landfill Rd
Welsh, LA 70591

7. Address for Official Correspondence Including Citations:
PO Box 61447
Midland, TX 79711

Contact Person for Organization: Justin Kennard
Emergency Contact Person: Jarrod Deonan
Phone Number: (785) 207-1661 Fax Number: _____
E-Mail Address (Required): jarrod@morrowenergy.com

Contact Person: Justin Kennard
(Must VP or higher for Private Entity)
Phone Number: (432) 563-0447
Fax Number: _____
E-Mail Address (Required): justin@morrowenergy.com

8. Three Primary Officers: FULL LEGAL NAME Company Federal Tax ID No.: 26-0854950

(1) Name: Luke Morrow
Address: 1703 No. 4 Street Midland, TX 79705
Title: President

(2) Name: Paul Morrow
Address: 5018 Trobaugh Midland, TX 79707
Title: VP/ Sec

(3) Name: David Morrow
Address: 11805 W CR 56 Midland TX 79707
Title: VP

9. Complete Page 2 for DOT SPECIALIST & BILLING CONTACTS (see instructions).

10. If a change of organization name, give previous name, OOC code number and the desired effective date of the company name change:
Name: _____ OOC Code Number: _____ Eff. Date: _____

11. Each registered organization shall notify this Office, in writing, following the filing of a voluntary petition for bankruptcy under any Chapters of Title 11 (Bankruptcy) of the United States Code (11 U.S.C.) by or against. The notification will indicate the name of the court and date of filing.

CERTIFICATE: I DECLARE UNDER PENALTIES AS PRESCRIBED IN LRS 30:17, THAT I AM AUTHORIZED TO MAKE THIS REPORT, THAT THIS REPORT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND DIRECTION, AND THAT DATA AND FACTS STATED THEREIN ARE TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Troy A. Kinch Agent 1/9/2014
PRINTED NAME TITLE DATE
[Signature] 903-234-0404
SIGNATURE TELEPHONE NUMBER

FOR OFFICE OF CONSERVATION USE ONLY

DATE: _____ APPROVED BY: _____

Office of Conservation (OOC) Code Number: PL0667x*(Please see the second page of your bill next to operator for the correct OOC #)*Organization Name: JBP Renewables, LLC**(To be completed by Pipeline Operators)**

ADDRESS TO WHICH DOT COMPLIANCE SPECIALIST & ANNUAL REPORT CORRESPONDENCE SHOULD BE DIRECTED:

1201 NW Loop 281, Ste. 600Longview, TX 75604CONTACT PERSON: Troy A. KinchPHONE NUMBER: 903 / 234 - 0404

AREA CODE

NUMBER

FAX NUMBER: 903 / 234 - 0494

AREA CODE

NUMBER

E-MAIL ADDRESS: troy@webesa.com**(To be completed by All Pipeline Operators)**

ADDRESS TO WHICH USER FEE & BILLING CORRESPONDENCE SHOULD BE DIRECTED:

Morrow RenewablesPO Box 61447Midland, TX 79711CONTACT PERSON: Justin KennardPHONE NUMBER: 432 / 563 - 0447

AREA CODE

NUMBER

FAX NUMBER: /

AREA CODE

NUMBER

E-MAIL ADDRESS: justin@morrowenergy.com**(To be completed only by Certified Intrastate Natural Gas Transporters)**

ADDRESS FOR PIPELINE OPERATIONS CONTACT:

Span. 16161 Landfill RdWelsh, LA 70591CONTACT PERSON: Jarrod DoonanPHONE NUMBER: 785 / 207 - 1661

AREA CODE

NUMBER

FAX NUMBER: /

AREA CODE

NUMBER

E-MAIL ADDRESS: jarrod@morrowenergy.com**INSTRUCTIONS:**

This form is to be filed **annually**. Each name and address line is limited to 30 spaces in length. Each name is limited to one line while each address is limited to four lines. Use abbreviations where necessary to conform to these limits.



PERMIT TO OPERATE

EASTERN KERN AIR POLLUTION CONTROL DISTRICT

Administrative Office: 2700 "M" Street Suite 302, Bakersfield, CA 93301
Phone: (661) 862-5250 • Fax: (661) 862-5251 • ekapcd@co.kern.ca.us
Tehachapi Field Office: Phone: (661) 823-9264 • Fax: (661) 823-0167

PERMIT NUMBER: **0274001**

PERMIT TO OPERATE IS HEREBY GRANTED TO: **CLEAN ENERGY LNG, LLC.**

FOR EQUIPMENT LOCATED AT: **14436 CONTRACTOR ROAD, BORON**

EQUIPMENT OR PROCESS DESCRIPTION: **LIQUEFIED NATURAL GAS PRODUCTION FACILITY**

OPERATIONAL CONDITIONS LISTED BELOW.

THIS PERMIT BECOMES VOID UPON ANY CHANGE OF OWNERSHIP OR LOCATION, OR ANY ALTERATION. EQUIPMENT MODIFICATION REQUIRES AN APPLICATION FOR AUTHORITY TO CONSTRUCT.

TESTING: Permittee may be required to provide adequate sampling and testing facilities.

GLEN E. STEPHENS, P.E.
AIR POLLUTION CONTROL OFFICER

REVOCABLE: This permit does not authorize emission of air contaminants in excess of those allowed by Rules and Regulations of EKAPCD.

By: _____

For Period: 09-30-13 To 09-30-14

CONDITIONS OF APPROVAL:

Pursuant to Rule 209, "conditional approval" is hereby granted. Please be aware all conditions of approval imposed by any applicable Authority to Construct remain in effect for life of project, unless modified by application.

EQUIPMENT DESCRIPTION: Liquefied Natural Gas Production Facility, including following equipment:

A. Amine System:

1. Amine Contactor (2-T-600) 36" O.D x 63'-0"H;
2. Amine Regenerator (2-T-610) 30" O.D. x 52'-0" H;
3. 2,446 MM BTU/hr Lean/Rich Amine Exchanger (2-E-400) 22" OD x 16'-0" H;
4. 0.9 MM BTU/hr Amine Cooler (2-A-800) 18" OD x 16'0" L;
5. 2.7 MM BTU/hr Amine Reboiler (2-E-410) 24" OD x 29'-0" L;
6. 1.26 MM BTU/hr Reflux Condenser (2-A-801);
7. Amine Particulate Filter (2-F-500) 20" OD x 5';
8. Amine Charcoal Filter (2-F-510) 16" OD x 4'-0";
9. 50-hp (44-gpm) Lean Amine Circulation Pump #1 (2-P300 A);
10. 50-hp (44-gpm) Lean Amine Circulation Pump #2 (2-P300 B);
11. 7.5-hp (50-gpm) Amine Booster Pump #1 (2-P-330 A);
12. 7.5-hp (50-gpm) Amine Booster Pump #2 (2-P-330 B);

CLEAN ENERGY LNG, LLC

Permit #0274001

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13. 1-hp (5-gpm) Water/Amine Make-Up Pump (2-P-235);
14. 1.5-hp (1.7-gpm) Amine Reflux Pump #1 (2-P-320 A);
15. 1.5-hp (1.7-gpm) Amine Reflux Pump #2 (2-P-320 B);
16. Amine Make-Up Tank (2-T-235A) 30" OD x 8';
17. Sweet Gas After-Scrubber (2-V-110) 6'-0 x 6';
18. Amine Flash Separator (2-V-120) 42" OD x 8'; and
19. Reflux Accumulator (2-V-140) 30" OD x 5'-0" LG.

B. LNG Liquefaction System:

1. Natural Gas Water Cooling Heat Exchanger (3-HE-601) 18" OD x 15'-0" L (capacity to be determined);
2. G-S Liquid Separator G/S-26-F8C 950;
3. 295 cu. ft. Moisture Adsorber Bed #1 (3-D-301) 5'-0" OD x 15'-0" H;
4. 295 cu. ft. Moisture Adsorber Bed #2 (3-D-302) 5'-0" OD x 15'-0" H;
5. 12.6 cu. ft. Adsorption Bed Dust Filter (3-F-302) 24" OD x 48" H;
6. 50 cu. ft. Regeneration Heater (3-HE-303) 30" OD x 10" L;
7. 7 cu. ft. Regeneration Gas Cooler (3-HE-306) 10" OD x 12'-0" L;
8. Regeneration Gas Separator (3-SP-305) (size to be determined); and
9. Heavy Hydrocarbon Reboiler (3-HE-502) (size to be determined).

10. Train 1:

- a. 5,000-hp Nitrogen Recycle Compressor (3-C-151) 8'-8" x 18'-0" L;
- b. 6.5 cu. ft. Compressor After Cooler (3-HE-(TBD)) 10" OD x 12"-0";
- c. Cold Turbo Expander w/ Booster (3-TBX-400) 10" OD x 8'-0" L;
- d. Warm Turbo Expander w/ Booster (3-TBX-410) 10" OD x 8'-0" L;
- e. 3.5 cu. ft. Cold Turbo Booster After Cooler (3-HE-430) 8" OD x 12'-0" L;
- f. 3.5 cu. ft. Warm Turbo Booster After Cooler (3-HE-440) 8" OD x 12'-0" L;
- g. 5-hp Compressor Lube Oil Pump #1 (3-M-301);
- h. 5-hp Compressor Lube Oil Pump #2 (3-M-301A);
- i. 3-kW Compressor Lube Oil Heater(3-H-301);
- j. 125-hp Natural Gas Chiller Compressor (3-R-1651) 7'-6" x 14'-0";
- k. 2-hp Chiller Lube Oil Pump #1 (3-M- 201);
- l. 2-hp Chiller Lube Oil Pump #2 (3-M- 201A);
- m. 2-kW Chiller Lube Oil Heater (3-H-201);
- n. 5-kW Thaw Heater (3-H-102);
- o. Cold Box (size to be determined) 10'-0" x 8'-6" x 63'-0"H;
- p. Main Heat Exchanger (3-HE-501) 42" x 83" OD x 166" L; and
- q. Fractionation Column (3-C-501) (size to be determined).

11. Train 2:

- a. 5,000-hp Nitrogen Recycle Compressor (3-C-151) 8'-8" x 18'-0" L;
- b. 6.5 cu. ft. Compressor After Cooler (3-HE-(TBD)) 10" OD x 12"-0";
- c. Cold Turbo Expander w/ Booster (3-TBX-400) 10" OD x 8'-0" L;
- d. Warm Turbo Expander w/ Booster (3-TBX-410) 10" OD x 8'-0" L;
- e. 3.5 cu. ft. Cold Turbo Booster After Cooler (3-HE-430) 8" OD x 12'-0" L;
- f. 3.5 cu. ft. Warm Turbo Booster After Cooler (3-HE-440) 8" OD x 12'-0" L;
- g. 5-hp Compressor Lube Oil Pump #1 (3-M-301);
- h. 5-hp Compressor Lube Oil Pump #2 (3-M-301A);
- i. 3-kW Compressor Lube Oil Heater(3-H-301);
- j. 125-hp Natural Gas Chiller Compressor (3-R-1651) 7'-6" x 14'-0";
- k. 2-hp Chiller Lube Oil Pump #1 (3-M- 201);
- l. 2-hp Chiller Lube Oil Pump #2 (3-M- 201A);
- m. 2-kW Chiller Lube Oil Heater (3-H-201);
- n. 5-kW Thaw Heater (3-H-102);
- o. Cold Box (size to be determined) 10'-0" x 8'-6" x 63'-0"H;

- p. Main Heat Exchanger (3-HE-501) 42" x 83" OD x 166" L; and
- q. Fractionation Column (3-C-501) (size to be determined).

C. Heavy Hydrocarbon Removal:

- 1. LP Separator (3-V-101) 4'-0" x 10'-0" L;
- 2. HP Separator (3-V-102) 5'-0" X 12'-6" L; and
- 3. 30,000 Gallon Heavy Hydrocarbon Storage Tank (3-V-103) 8'-0" OD x 24'-0" L (shared with 0274004).

D. LNG Storage, Boil-Off Compressor, and Regeneration Gas Compressor:

- 1. 1.5 MM Gallon LNG Storage Tank (4-TK-1) 88'-6" OD x 51'-0" H (shared with Permit 0274007);
- 2. 3.42 MM Btu/hr Preheater (4-E-6) 18" OD x 10'-0";
- 3. 0.1370 MM Btu/hr C2/C3 Aftercooler (4-E-8);
- 4. 200-hp (0.795 MM SCFD) Boil-Off /Flash Gas Compressor #1 (4-C -2 A);
- 5. 150-hp Boil-off/ Flash Gas Compressor # 2 (4-C-2 B);
- 6. 200-hp (0.795 MM SCFD) Boil-Off /Flash Gas Compressor #3 (4-C-3 A);
- 7. 150-hp Boil- Off/ Flash Gas Compressor #4 4-C- 3B;
- 8. 5-hp Boil-Off /Flash Gas Compressor Oil Pump #1 (4-P-4 A);
- 9. 5-hp Boil-Off /Flash Gas Compressor Oil Pump #2 (4-P-4 B);
- 10. 5-hp Boil-off/ Flash Gas Compressor Oil Pump #3 (4-P-5 A);
- 11. 5-hp Boil-Off/ Flash Gas Compressor Oil Pump #4 (4-P-5 B);
- 12. 25-hp (3.6 MM SCFD) Regeneration Gas Compressor (4-C -4);
- 13. 5-kW Regeneration Gas Heater #1 (4-E-9); and
- 14. 15-hp (100-gpm) Trailer Unloading LNG Pump (4-P-6).

OPERATIONAL CONDITIONS:

- 1. Liquefied natural gas (LNG) storage vessel shall be gas tight and vent to vapor recovery system or to flare. (Rule 210.1 BACT Requirement)
- 2. Permittee shall establish an inspection and maintenance program consistent with District Rules 414.1 and 414.5, and requirements described below. Where there are differences in the requirements, the more stringent requirement shall apply. (Rules 414.1, 414.5, 419 and 210.1 BACT Requirement)
 - a. All accessible pumps, compressors and pressure relief devices (pressure relief valves or rupture disks) shall be audio-visually inspected once during every eight-hour operating period.
 - b. All accessible valves, fittings, pressure relief devices (PRDs), hatches, pumps, compressors, etc. shall be inspected quarterly using a leak detection device such as a Foxboro OVA 108 calibrated for methane.
 - c. All inaccessible components shall be inspected annually using a leak detection device calibrated for methane.
 - d. Gas leak for all components shall be defined as follows:
VOC concentration greater than 100 ppmv as methane, as determined by EPA Method 21, or equivalent
 - e. Inspection frequency for accessible components, except pumps and compressors, may change to quarterly if all accessible components at the facility have operated for five consecutive quarters with no leaks.
 - f. All leaks over 100-ppmv shall be repaired within one calendar day.
 - g. Any leak over 100-ppmv detected by District inspection(s) in any 24-hour period shall constitute a violation of this Authority to Construct (ATC)/Permit to Operate (PTO).
- 3. The following component count shall be utilized to determine fugitive emissions:

Valves	Gas	550
Compressor Seals	Gas	4
Connectors	All	610
Pressure Relief Valve	Gas	69
Open-ended Lines	All	5
- 4. Equipment shall be maintained according to manufacturer's specifications to ensure compliance with emissions limitations. (Rules 210.1 and 209)

CLEAN ENERGY LNG, LLC

Permit #0274001

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5. Compliance with all operational conditions shall be verified by appropriate record keeping, including records of operational data needed to demonstrate compliance. Such records shall be kept on site in readily available format. (Rule 210.1)
6. No emission resulting from use of this equipment shall cause injury, detriment, nuisance, annoyance to or endanger comfort, repose, health, or safety of any considerable number of persons or public. (Rule 419 and CH&SC Sec 41700)
7. The District shall be notified of any breakdown conditions in accordance with Rule 111 (Equipment Breakdown). (Rule 111)
8. Clean Energy shall consult with the Kern County Roads Department regarding improvements necessary to Gephart Road. Any requirements for improvements to Gephart Road required by the Road Department shall be completed prior to implementation of this Authority to Construct (ATC) and ATC No. 0274007. (Rule 208.2)

STATE OF CALIFORNIA AIR TOXICS HOT SPOTS REQUIREMENTS:

Facility shall comply with California Health and Safety Code Sections 44300 through 44384. (Rule 208.1)

COMPLIANCE TESTING REQUIREMENTS:

Should inspection reveal conditions indicative of non-compliance, compliance with hourly and concentration emission limits for VOC shall be verified pursuant to Rule 108.1 and EKAPCD Guidelines for Compliance Testing, within 45 days of District request.

EMISSION LIMITS:

Emissions rate of each air contaminant from this unit shall not exceed following limits:

<u>Volatile Organic Compounds (VOC):</u>	0.56 lb/hr
	13.38 lb/day
	2.44 ton/yr

(Emissions limits established pursuant to Rule 210.1, unless otherwise noted.)

Compliance with maximum daily emission limits shall be verified by source operator (with appropriate operational data and record keeping to document maximum daily emission rate) each day source is operated and such documentation of compliance shall be retained and made readily available to District for period of three years. (Rules 209 and 210.1)