

**San Diego County Air Pollution Control District
10124 Old Grove Road San Diego CA 92131-1649
(858) 586-2600 FAX (858) 586-2601**

**TITLE V APPLICATION
Stationary Source Summary (FORM 1401-A1)**

Company Name <u>Wildflower Energy LP / Larkspur</u>	District Use Only NEDS # SITE ID # <u>2007-09109</u>
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I. FACILITY IDENTIFICATION

- Facility Name (if different than company name): _____
- Four digit SIC Code: 4911
- Parent Company (if different than Company Name): Diamond Generating Corporation
- Mailing Address: 633 West Fifth Street Suite 1000
City Los Angeles State CA Zip 90071
- Street Address or Source Location: 9355 Otay Mesa Road
City San Diego State CA Zip 92154
- UTM Coordinates: 32 34' 01.40" N, 116 56' 39.11" W
- Source Located within 50 miles of a state line: Yes No (All sources **are** within 50 miles)
- Source Located within 1000 feet of a school: Yes No
- Type of Organization: Corporation Sole Ownership Government
 Partnership Utility Company
- Legal Owner's Name: _____
- Owner's Agent name (if any): _____
- Responsible Official: Bohdan Buchynsky, Executive Vice President
- Plant Site Manager/Contact: Michael Carpenter Phone #: _____ FAX #: _____
- Application Contact: Justin Ferron, Yorke Engineering LLC
- Type of Facility: Peaker Plant
- General description of processes/products: Peaking Power Plant Using Natural Gas Powered Turbines
- Is a Federal Risk Management Plan (RMP) pursuant to Section 112(r) required? Yes No
(If application is submitted after RMP due date, attach verification that plan is registered with the appropriate agency.)

II. TYPE OF PERMIT ACTION (check)	CURRENT PERMIT (permit number)	EXPIRATION (date)
<input type="checkbox"/> Initial Title V Application	N/A	N/A
<input checked="" type="checkbox"/> Permit Renewal	2007-PTO-978248	06-14-2016
<input type="checkbox"/> Significant Permit Modification		
<input type="checkbox"/> Minor Permit Modification		
<input type="checkbox"/> Administrative Amendment		

III. DESCRIPTION OF PERMIT ACTION

- Does the permit action requested involve:

<input type="checkbox"/> Acid Rain Source	<input type="checkbox"/> Alternative Operating Scenarios	<input type="checkbox"/> Voluntary Emissions Caps
<input type="checkbox"/> CEMs	<input type="checkbox"/> Permit Shield	<input type="checkbox"/> Abatement Devices
<input type="checkbox"/> Outdated SIP Requirement Streamlining	<input type="checkbox"/> Multiple Applicable Requirement Streamlining	
<input type="checkbox"/> Source Subject to MACT Requirements [Section 112]		
<input type="checkbox"/> Source Subject to Enhanced Monitoring (40CFR64) [Compliance Assurance Monitoring]		
- Is source operating under a Compliance Schedule? Yes No Proposed
- Is source operating under a Variance Yes No (If Yes, please attach variance information)
- For permit modification, provide a general description of the proposed permit modification:

IV. SUPPLEMENTAL ATTACHMENTS*: _____

* Means all attachments to the complete application.

San Diego County Air Pollution Control District
10124 Old Grove Road San Diego CA 92131-1649
(858) 586-2600 FAX (858) 586-2601

TITLE V APPLICATION
Stationary Source Summary (FORM 1401-A2)

Company Name <u>Wildflower Energy LP / Larkspur</u>	District Use Only NEDS # SITE ID <u>2001-04105</u>
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I. MAJOR SOURCE APPLICABILITY

Check appropriate pollutant(s) for which you are a Major Source under Title V. Applicability is based on potential to emit. If more space is necessary, use additional forms. Please type or print legibly.

POLLUTANT	MAJOR SOURCE THRESHOLD TOTAL EMISSIONS, TPY	(check if appropriate)
VOC	100	<input type="checkbox"/>
PM ₁₀	100	<input type="checkbox"/>
SO ₂	100	<input type="checkbox"/>
NO _x	100	<input type="checkbox"/>
CO	100	<input checked="" type="checkbox"/>
ODC	100	<input type="checkbox"/>
LEAD COMPOUNDS	10	<input type="checkbox"/>
HAZARDOUS AIR POLLUTANTS		
SINGLE HAP	10	<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
COMBINATION HAP	25	<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>

Attach all necessary calculations to this form as applicable. NOTE: Calculations are only needed if no Emission Inventory is on file with the District

Reference _____
Bohdan Buchynsky
 Signature of Responsible Official
Bohdan Buchynsky
 Print Name of Responsible Official
Executive Vice President
 Title of Responsible Official

Inventory Year _____
 Date _____
(213) 473-0093
 Telephone No. of Responsible Official

II. EMISSIONS CALCULATIONS ATTACHED (as needed)

Yes No

DISTRICT USE ONLY

Date Application Received: 5/18/15
 Application Filing Fee: \$ 3281
 Receipt #: _____

Application # 2015-APP-004052
 District Received Stamp: 5/18/15
 Fee Code: _____

TIN TDM = 8 3186

NBF = 8 95

TA = 8 3186

**San Diego County Air Pollution Control District
10124 Old Grove Rd., San Diego, CA 92131
(858) 586-2600 FAX (858) 586-2601**

**TITLE V APPLICATION
Insignificant Activity List (FORM 1401-G)**

Company Name <u>Wildflower LP / Larkspur</u>	District Use Only NEDS # _____ SITE ID # <u>SD01-04109</u>
Facility Address: <u>9355 Otay Mesa Road</u>	

LIST OF EQUIPMENT – INSIGNIFICANT ACTIVITIES

Place a check mark in the appropriate box for equipment that is considered an insignificant activity based on throughput or equipment capacity.

Exemptions based on Size (Capacity)

<u>(Condensed Language of Rule)</u>	<u>Appendix A Citation</u>
<input checked="" type="checkbox"/> Stationary & portable internal combustion engines with ≤ 50 bhp output rating	(d)(1)(iii)
<input type="checkbox"/> Stationary gas turbines with a power rating of < 0.3 megawatt (MW) or a maximum gross heat input rating of 1 million BTUs per hour	(d)(1)(iv)
<input type="checkbox"/> Water cooling towers & ponds with a capacity < 10,000 gal/min not used for evaporative cooling of process water or not used for evaporative cooling of water, contaminated water or industrial waste water from barometric jets or from barometric condensers.	(d)(2)
<input type="checkbox"/> Fuel-burning equipment with a maximum gross heat input rate of < 1 million Btu/hour when not part of a process, process line, line, equipment, article, machine or other contrivance for which a permit to operate is required by these Rules and Regulations	(d)(4)(i)
<input type="checkbox"/> Fuel burning equipment with a maximum gross heat input of < 20 million Btu/hour, and fired exclusively with natural gas and/or liquefied petroleum gas	(d)(4)(ii)
<input type="checkbox"/> Steam boilers, process heaters, and steam generators with a maximum gross heat input of < 5 million Btu/hour	(d)(4)(iii)
<input type="checkbox"/> Crucible-type or pot-type furnaces with a brimful capacity of < 450 in ³ of any molten metal	(d)(12)
<input type="checkbox"/> Crucible, pot or induction furnaces with a capacity of ≤ 2500 in ³ , in which no sweating or distilling is conducted and from which only non-ferrous metals except yellow brass, are poured or non-ferrous metals are held in a molten state	(d)(13)
<input type="checkbox"/> Dry batch mixers with ≤ 0.5 cubic yards rated working capacity	(d)(27)
<input type="checkbox"/> Batch mixers (wet) with ≤ 1 cubic yard capacity where no organic solvents, diluents or thinners are used.	(d)(28)
<input type="checkbox"/> Roofing kettles (used to heat asphalt) with a capacity of ≤ 85 gallons	(d)(33)
<input type="checkbox"/> Abrasive blasting equipment with a manufacturer's-rated sand capacity of < 100 lbs or < 1 ft ³	(d)(34)
<input type="checkbox"/> Paper shredders and paper disintegrators that have a capacity of 600 pounds per hour or less, and the associated conveying systems and baling equipment.	(d)(41)
<input type="checkbox"/> Ovens having an internal volume of ≤ 27 ft ³ in which organic solvents or materials containing organic solvents are charged	(d)(59)
<input type="checkbox"/> Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks with a liquid surface area of ≤ 1.0 ft ²	(d)(61)(i)
<input type="checkbox"/> Cold solvent cleaning tanks, vapor degreasers, and paint stripping tanks which have a maximum capacity of ≤ 1 gallon	(d)(61)(ii)

TITLE V APPLICATION
Insignificant Activity List (FORM 1401-G)

Continued - Exemptions based on Size (Capacity)

<u>(Condensed Language of Rule)</u>	<u>Appendix A Citation</u>
<input type="checkbox"/> Stationary organic compound storage tanks with a capacity of ≤ 250 gallons	(e)(1)
<input type="checkbox"/> Liquid surface coating application operations using hand-held brushes for application of a primer coating from containers of \leq eight (8) ounces in size, to fasteners to be installed on aerospace parts	(h)(5)
<input type="checkbox"/> Liquid surface coating application operations using air brushes with a coating capacity of ≤ 2 ounces for the application of a stencil coating	(h)(6)
<input type="checkbox"/> Metal inspection tanks that: a) do not utilize a suspension of magnetic or fluorescent dye particles in volatile organic solvent, and b) have a liquid surface area $< 5 \text{ ft}^2$ and c) are not equipped with spray type flow or a means of solvent agitation	(o)(5)
<input type="checkbox"/> Bakery ovens used for baking yeast leavened products where the combined rated heat input capacity is < 2 million Btu/hr	(o)(37)

Exemptions based on Production Rates (Emission Limits)

<input type="checkbox"/> Printing or graphic arts presses located at a stationary source which emits a total of < 15 lbs/day of VOC's subject to Rule 67.16, on each day of operation	(d)(7)
<input type="checkbox"/> Solder levelers, hydrosqueegees, wave solder machines, and drag solder machines which use < 10 lbs/day of any material containing VOCs	(d)(23)
<input type="checkbox"/> Fire extinguishing equipment, using halons with a charge of < 50 lbs. of a Class I or Class II ozone depleting compound.	(d)(31)
<input type="checkbox"/> Coffee roasting equipment with a manufacturer's rating of ≤ 15 lbs/hr	(d)(45)
<input type="checkbox"/> Equipment used to manufacture bio-agricultural products for exclusive use in field testing required to obtain FDA, EPA, USDA and /or Cal-EPA approval, provided the uncontrolled emissions of VOCs from all such operations < 5 ton/yr.	(d)(49)(iii)
<input type="checkbox"/> Oil quenching tanks which use < 20 gal/yr of make-up oil	(d)(56)
<input type="checkbox"/> Equipment that is used to conduct research and develop new or improved processes/products, and is operated by technically trained personnel under the supervision of a research director, and is not used in the manufacture of products for sale or exchange for commercial profit, and all emissions are < 15 lbs/day.	(d)(48)
<input type="checkbox"/> Powder coating operations, except metalizing gun operations, where surface preparation or cleaning solvent usage is < 0.5 gal/day	(d)(62)
<input type="checkbox"/> Equipment used to transfer fuel to & from amphibious ships for maintenance purposes, provided total annual transfers $< 60,000$ gal/yr.	(f)(2)
<input type="checkbox"/> Stationary storage tanks (excluding tanks subject to Rule 61.9) used exclusively for the storage of liquid organic solvents used as dissolvers, viscosity reducers, reactants, extractants, cleaning agents or thinners provided that emissions < 15 lbs/day.	(e)(3)
<input type="checkbox"/> Liquid surface coating or adhesive application operations (portable or stationary) where not more than 20 gallons per year of material containing organic compounds are applied	(h)(1)
<input type="checkbox"/> Liquid surface coating application operations exclusively using materials with a VOC content of < 20 g/L where < 30 gal/day of such materials are applied.	(h)(2)
<input type="checkbox"/> Foam manufacturing or application operations which emit < 5 lbs/day of VOCs	(i)(1)
<input type="checkbox"/> Reinforced plastic fabrication operations using resins such as epoxy and/or polyester which emit < 5 lbs/day of VOCs	(i)(2)
<input type="checkbox"/> Plastics manufacturing or fabrication operations which emit < 5 lbs/day of VOCs	(i)(3)
<input type="checkbox"/> Cold solvent degreasers used for educational purpose and which emit < 5 lbs/day of VOCs	(i)(4)

TITLE V APPLICATION
Insignificant Activity List (FORM 1401-G)

- Golf grip application stations which exclusively use liquid materials with an initial boiling point of 450°F (232°C), or greater and which emit < 5 lbs/day of VOCs. (i)(5)
- Batch-type waste-solvent recovery stills with batch capacity of ≤ 7.5 gallons for onsite recovery provided the still is equipped with a safety device & VOC emissions are < 5 lbs/day (i)(6)
- Peptide and DNA synthesis operations which emit < 5 lbs/day of VOCs (i)(7)
- Equipment used for washing or drying articles fabricated from metal, cloth, fabric or glass, provided that no organic solvent is employed in the process and that no oil or solid fuel is burned and none of the products being cleaned has residues of organic solvent and VOC emissions are <5 lbs/day (i)(8)
- Hot wire cutting of expanded polystyrene foam which emit < 5 lbs/day of VOCs. (i)(9)
- Any coating and/or ink manufacturing operations located at a stationary source, which emit < 15 lbs/day of VOCs. (o)(9)
- Any operation producing materials for use in cosmetic or pharmaceutical products and/or manufacturing cosmetic or pharmaceutical products by chemical processes, which emit < 15 lbs/day of VOCs (o)(12)
- Refrigeration units except those used as, or with, air pollution control equipment with a charge of < 50 lbs of a Class I or II ozone depleting compound. (o)(18)
- Atmospheric organic gas sterilizer cabinets where ethylene oxide emissions are < 5 lbs/yr (o)(28)
- Aerosol can puncturing/crushing operations which vents all emissions through a properly operated/maintained carbon canister, provided < 500 cans/day are processed. (o)(29)(ii)
- Solvent wipe cleaning operations using a container applicator that minimizes emissions to the air where the uncontrolled emissions of VOCs < 5 ton/yr, or the total purchase of solvents < 1,500 gal/yr, or the total purchase of solvents containing a single HAP < 350 gal/yr. (o)(32)
- Equipment approved for use by the EPA for recovering and/or recycling CFCs provided such equipment is charged with < 50 lbs. of a Class I or II ozone depleting compound. (o)(33)
- Stationary IC engines rated at ≤ 200 bhp installed and operated before November 15, 2000, which operate < 200 hr/yr. (o)(34)(ii)

TITLE V APPLICATION
Applicable Requirements Summary Checklist (FORM 1401-H1) - continued

RULE	RULE DESCRIPTION	Test Method or Rule Section	Monitoring, Records, Reports, Rule Section	Facility																					Future Effective Date	
Subpart																										
N	Oxygen Process Furnaces																									
Na	Oxygen Process Steelmaking Facilities																									
P	Primary Copper Smelters																									
Q	Primary Zinc Smelters																									
R	Primary Lead Smelters																									
S	Primary Aluminum Reduction Plants																									
T & U	Phosphate Fertilizer Industry																									
V,W,X	Phosphate Fertilizer Industry																									
Y	Coal Preparation Plants																									
Z	Ferroalloy Production Facilities																									
AA, AAa	Steel Plants																									
BB	Kraft Pulp Mills																									
CC	Glass Manufacturing Plants																									
HH	Lime Manufacturing Plants																									
KK	Lead-Acid Battery Manufacturing Plants																									
LL	Metallic Mineral Processing Plants																									
MM	Automobile and Light-Duty Truck Surface Coating Operations																									
NN	Phosphate Rock Plants																									
PP	Ammonium Sulfate Manufacture																									
UU	Asphalt Processing and Asphalt Roofing Manufacture																									
VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry.																									
WW	Beverage Can Surface Coating Industry																									
XX	Bulk Gasoline Terminals																									
AAA	New Residential Wood Heaters																									
DDD	VOC Emissions from the Polymer Mfg. Ind.																									
GGG	Equipment Leaks of VOC in Petroleum Refineries.																									

**San Diego County Air Pollution Control District
10124 Old Grove Road San Diego CA 92131-1649
(858) 586-2600 FAX (858) 586-2601**

**TITLE V APPLICATION
Certification Statement (FORM 1401-I)**

Company Name	District Use Only
<u>Wildflower Energy LP / Larkspur</u>	NEDS # _____
Facility Address: <u>9355 Otay Mesa Road</u>	SITE ID # <u>2001-04109</u>
<u>San Diego, CA 92154</u>	

Under penalty of perjury, identify the following: (Read each statement carefully and check each box for confirmation.)

- | Applicable | Not
Applicable | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <i>Based on information and belief formed after reasonable inquiry, the source(s) identified in this application will continue to comply with the applicable requirement with which the source is in compliance. The applicable requirement(s) with which the source(s) is/are not in compliance is/are identified in Form 1401-L, Schedule of Compliance.</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <i>Based on information and belief formed after reasonable inquiry, the source(s) identified in this application will comply with the future-effective applicable requirement(s) on a timely basis.</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <i>Based on information and belief formed after reasonable inquiry, the source(s) identified in the Schedule of Compliance application form that is/are not in compliance with the applicable requirement(s), will comply in accordance with the attached compliance plan schedule.</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <i>Based on information and belief formed after reasonable inquiry, information on application forms, referenced documents, all accompanying reports, and other required certifications are true, accurate, and complete.</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <i>All fees required by Regulation III, Rule 40 have been paid.</i> |


Signature of Responsible Official

Bohdan Buchynsky
Print Name of Responsible Official

Executive Vice President
Title of Responsible Official

Date

(213) 473-0093
Telephone No. of Responsible Official



WILDFLOWER ENERGY

Wildflower Energy LP
633 W. Fifth Street, Suite 1000
Los Angeles, CA 90071-1519
Tel: (213) 473-0080
Fax: (213) 620-1170

May 6, 2015

Mr. Douglas L. Erwin, PE
Senior Air Pollution Control Engineer
San Diego Air Pollution Control District
10124 Old Grove Rd.
San Diego, California 92131

**Subject: Title V Permit Renewal Application for Wildflower Energy LP/Larkspur Energy Facility
(Site ID# APCD2001-SITE-04109)**

Dear Mr. Semerau:

Enclosed please find the Wildflower Energy LP/Larkspur Energy Facility (Larkspur) Title V Permit Renewal application for submittal to the San Diego Air Pollution Control District (SDAPCD).

The following application forms are included with this submittal:

- 1401-A1 Stationary Source Summary, Title V Renewal Application
- 1401-A2 Stationary Source Summary, Title V Renewal Application
- 1401-G Insignificant Activity List, Title V Renewal Application
- 1401-H1 Applicable Requirements Summary Checklist, Title V Renewal Application
- 1401-H2 List of Permits by Equipment Category, Title V Renewal Application
- 1401-I Certification Statement, Title V Renewal Application
- 1401-K Compliance Certification Schedule, Title V Renewal Application
- 1401-M Abatement Devices, Title V Renewal Application

All forms have been signed and dated and are included in this Title V application package. A copy of Indigo's current Title V Permit is also included with the submittal package.

Please note that a Title V Administrative Permit Amendment Application for a change in Responsible Official (RO) to Bohdan Buchynsky, Executive Vice President, Diamond Generating Corporation, was submitted to the SDCAPCD in October 2014. In addition, DGC's mailing address was updated to 633 West Fifth Street, Suite 1000 earlier this year. Both these changes should be reflected on the Title V Renewal. No other changes to Indigo's Title V Permit are requested in this renewal.

The initial filing submitted with this Title V application is \$3,281.00; a check in this amount is included with the submittal package. DGC understands that the fees associated with processing this Title V renewal application for Larkspur will be determined on a time and material basis in accordance with SDAPCD Rule 40(f)(9).

Please let us know when this application is deemed complete, or if additional information is needed.

Mr. Douglas L. Erwin, SDAPCD

May 6, 2015

Page 2

If you have any questions regarding this submittal, please contact Wayne Forsyth by e-mail at w.forsyth@dgc-us.com or phone (213) 473-0093.

Sincerely,

A handwritten signature in black ink, appearing to read "Bo Buchynsky". The signature is fluid and cursive, with a large initial "B" and a long, sweeping underline.

Bo Buchynsky – Executive Vice President

633 West Fifth Street, Suite 1000

Los Angeles, California 90071

cc: Mr. Mike Carpenter, Larkspur Energy, LLC
Mr. Wayne Forsyth, Diamond Generating Corp.
Mr. Greg Wolffe, Yorke Engineering, LLC

**Wildflower Energy
Larkspur
9355 Otay Mesa Road,
San Diego, CA 92154**

**SDAPCD Site ID: 2001-
SITE-04109**

May 2015

Prepared by:

Yorke
ENGINEERING, LLC
www.YorkeEngr.com

Office Locations:
Los Angeles, Orange County, Riverside,
Ventura, Fresno, Oakland, Bakersfield

Tel: (949) 248-8490
Fax: (949) 248-8499

Title V Permit Renewal Application

Title V Permit Renewal Application

Prepared for:

**Wildflower Energy Larkspur
9355 Otay Mesa Road, San Diego,
CA 92154**

SDAPCD Site ID: 2001-SITE-04109

May 2015

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978248**

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List of Acronyms and Abbreviations

AOS	Alternative Operating Scenario
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CARB	California Air Resources Board
CFR	Code of Federal Regulations
GHG	Greenhouse Gas
GWP	Global Warming Potential
MW	Megawatt
NAICS	National Emission Standards for Hazardous Air Pollutants
NESHAPs	North American Industrial Classification System
PALs	Plant-Wide Allowable Limits
PSD	Prevention of Significant Deterioration
PTO	Permit to Operate
SCR	Selective Catalytic Reduction
SDAPCD	San Diego Air Pollution Control District
SIC	Standard Industrial Classification
TPY	Tons per Year
USEPA	United States Environmental Protection Agency

Title V Permit Renewal Application

1.0 INTRODUCTION

This application is for a Title V permit renewal for the Wildflower Energy Larkspur, San Diego Air Pollution Control District (SDAPCD) 2001-SITE-04109. Wildflower Energy owns and operates the power plant located at 9355 Otay Mesa Road, San Diego, CA 92154. The facility is subject to the United States Environmental Protection Agency's (USEPA) Title V Federal Operating Permits Program, as administered by the SDAPCD, and holds a current facility operating permit issued under this program.

1.1 Facility Overview

The Wildflower Energy Larkspur facility (Larkspur Facility) is an electric power peaker plant facility, operating under the following industrial classifications:

- North American Industrial Classification System (NAICS) NAICS Code 221112: Fossil Fuel Electric Power Generation; and
- Standard Industrial Classification (SIC) Code 4911, Electric Services (electric power generation by fossil fuels).

The facility operates two natural gas-fired turbines that are each rated at 45 megawatts (MW). The turbines are equipped with an ammonia injection and selective catalytic reduction (SCR) to reduce NOx emissions. Aqueous ammonia storage and handling is associated with operation of the SCR system.

1.2 Facility Contact Information

Applicant's Name: Wildflower Energy Larkspur

Applicant Contact Information: Wayne Forsyth
Senior Compliance Manager
(213) 473-0093
W.Forsyth@DGC-US.com

Applicant Responsible Official Information: Bohdan Buchynsky
Executive Vice President

Alternate Responsible Official Information: Michael Carpenter
Plant Manager

Alternate Responsible Official Information: Wayne Forsyth
Senior Compliance Manager

Site ID: 2001-SITE-04109

Mailing Address: 633 West Fifth Street, Suite 1000
Los Angeles, CA 90071

Equipment Location: 9355 Otay Mesa Road
 San Diego, CA 92154

1.3 Application Preparation

This permit application was prepared by Justin Ferron, with Peer Review by Greg Wolffe of Yorke Engineering, LLC.

Name: Justin Ferron
Company: Yorke Engineering, LLC
Phone: (949) 248-8490 x520
Cellular: (805) 558-7924
Email: JFerron@YorkeEngr.com

Name: Greg Wolffe, CPP
Company: Yorke Engineering, LLC
Phone: (949) 248-8490 x502
Cellular: (714) 315-9049
Email: GWolffe@YorkeEngr.com

1.4 Title V Operating Permit Renewal

Pursuant to SDAPCD Rule 1410(h), any Title V permit renewal application is due at least 12 months, but not more than 18 months, prior to the expiration of the permit. The permit expiration date is June 14, 2016. The application for renewal is due on or before June 14, 2015, for the renewal to be considered a timely submittal and protected by a permit shield. The permit shield allows the facility equipment to continue operation in the event that the Administrating Agency is delayed in issuing the renewed permit.

This application package contains the application forms necessary for processing the Title V permit renewal. A list of the application forms included with this application is provided in Table 1 1. The application forms are included in Appendix A.

Table 1-1: SDAPCD Forms Accompanying this Application

Form	Title	Device Description
1401-A1	Stationary Source Summary	Title V Renewal Application
1401-A2	Stationary Source Summary	Title V Renewal Application
1401-G	Insignificant Activity List	Title V Renewal Application
1401-H1	Applicable Requirements Summary Checklist	Title V Renewal Application
1401-H2	List of Permits by Equipment Category	Title V Renewal Application
1401-I	Certification Statement	Title V Renewal Application
1401-K	Compliance Certification Schedule	Title V Renewal Application
1401-M	Abatement Devices	Title V Renewal Application

1.5 Conformance to 40 CFR Part 70 Application Requirements

To be deemed complete, a Title V application must provide all information required pursuant to 40 Code of Federal Regulations (CFR) 70.5(c). Although the application must contain the elements specified in 40 CFR 70.5(c), information in the application may be cross-referenced from the original application or the existing permit provided the citation format describes, unambiguously, the document where the information exists, the specific portion being incorporated by reference, the purpose for which it is given, and that the responsible official certifies that he/she has reviewed the referenced information and that it is true and correct. Table B-1 in Appendix B provides a cross-reference matrix between this application document and each element of 70.5(c).

2.0 APPLICATION FEES – SDAPCD RULE 40

The fees associated with this Title V permit renewal application are determined on a time and material basis per SDAPCD Rule 40(f)(9), which requires: “The owner or operator of a stationary source subject to the requirements of Regulation XIV of these Rules and Regulations, shall pay the actual time and materials costs incurred by the District to review and act upon an application for initial permit, permit modification, administrative permit amendment, Section 502(b)(10) change, enhanced Authority to Construct and/or Title V operating permit renewal; to evaluate such source for compliance with Regulation XIV and the terms and conditions of a Title V operating permit, including but not limited to the costs incurred to document such evaluation, to prepare reports, and to take any actions necessary in cases of noncompliance; to reopen an existing Title V operating permit; and to cancel a Title V operating permit.” SDAPCD was contacted to obtain a fee estimate that is shown in Table 2-1.

Table 2-1: Summary of Application Fees

Permit Action	Fee
Title V Permit Renewal Processing Fee Estimate	\$3,186.00
Non- Refundable Base Application Fee	\$95.00
Total	\$3,281.00

A copy of the fee estimate is located under Appendix D.

3.0 EMISSIONS

3.1 Criteria Pollutant Emissions

A criteria pollutant emission inventory is required within the Title V application process only to establish the applicability of Title V to the facility. The facility is subject to the Title V permit requirements because it is a major source of CO emissions and because it is subject to the 40 CFR Part 72 (acid rain program). EPA application streamlining guidance allows for permitted units to reference regulatory agency-approved emission inventory reports and is only required when the District would need to verify emissions levels and monitoring approaches for a proposed Plant-Wide Allowable Limits (PALs) or other plant-wide emissions limits, or to support an exemption from an emissions-based applicable requirement.

The Larkspur Facility is not proposing a PAL or an exemption from an emissions-based applicable requirement with this Title V application; therefore, annual emission reports may be referenced.

The annual emission reports for prior years are located on the SDAPCD website located at http://www.sdapcd.org/toxics/fac_emissions/facilities.html under Source ID: 7630.

3.2 Hazardous Air Pollutants

A hazardous air pollutant emission inventory is required within the Title V application process to establish the applicability of Title V to the facility, and to establish the applicability of federal National Emission Standards for Hazardous Air Pollutants (NESHAPs). Major source HAP emission thresholds are based on 10 tons per year (TPY) for any individual HAP, and/or 25 TPY of cumulative HAP emissions. The Larkspur Facility is not a major source of any HAP as demonstrated in the emissions inventory reports for prior years located on the SDAPCD website.

3.3 Greenhouse Gas Emissions

Under EPA rulemaking, regulated greenhouse gas (GHG) emissions are considered a single air pollutant defined as the aggregate group of the following six gases: carbon dioxide (CO₂); methane (CH₄); nitrous oxide (N₂O); sulfur hexafluoride (SF₆); hydrofluorocarbons (HFCs); and perfluorocarbons (PFCs). GHG emissions are estimated individually and the CO₂ equivalent (CO₂e) is aggregated based on relative global warming potential (GWP) pollutants.

GHG emissions are regulated as a Prevention of Significant Deterioration (PSD) pollutant. This renewal application does not include the addition of a new major stationary source or major modification and, therefore, PSD does not apply. A GHG emission inventory is required within the Title V application process only to establish the applicability of Title V to the facility. The facility is a major source of GHG with 46,776 metric tons reported for 2013 in USEPA's electronic Greenhouse Gas Reporting Tool (e-GRRT). The facility's GHG emission inventories are on file with the California Air Resources Board (CARB) and EPA.

GHG reporting requirements for sources established under EPA's final rule for the mandatory reporting of GHGs (40 CFR Part 98: Mandatory Greenhouse Gas Reporting, referred to as the "GHG reporting rule") are currently not included in the definition of an applicable requirement in 40 CFR 70.2 and 71.2. Although the requirements contained in the GHG reporting rule currently are not considered applicable requirements under the Title V regulations, the source is not relieved from the requirement to comply with the GHG reporting rule separately from compliance with their Title V operating permit. It is the responsibility of each source to determine the applicability of the GHG reporting rule and to comply with it, as necessary. However, since the requirements of the GHG reporting rule are not considered applicable requirements under Title V, they do not need to be included in the Title V permit.¹

This Title V renewal application is not a PSD permitting action, and at this time, neither EPA nor SDAPCD have substantive requirements for GHG emissions. No additional requirements are recommended for the Title V renewal.

4.0 COMPLIANCE ASSURANCE MONITORING

The EPA developed 40 CFR Part 64, Compliance Assurance Monitoring (CAM), in order to provide reasonable assurance that facilities comply with emission limitations by monitoring the operation and maintenance of their control devices. The CAM rule was effective on November 21, 1997; however, most facilities were not affected by CAM requirements until renewal of their

¹ *Ibid.*

Title V Permit Renewal Application Wildflower Energy Larkspur

Title V permit. In general, CAM applies to emissions units that meet all of the following conditions:

- The unit is located at a major source for which a Title V permit is required; and
- The unit is subject to an emission limitation or standard; and
- The unit uses a control device to achieve compliance with a federally enforceable limit or standard; and
- The unit has potential pre-control or post-control emissions of at least 100% of the major source amount; and
- The unit is not otherwise exempt from CAM.
- CAM does not apply to any of the following emission limitations or standards:
 - Emission limitations or standards proposed by the Administrator after November 15, 1990, pursuant to Sections 111 or 112 of the Clean Air Act (CAA);
 - Stratospheric ozone protection requirements under Title VI of the CAA;
 - Acid Rain Program requirements pursuant to Sections 404, 405, 406, 407(a), 407(b), or 410 of the CAA;
 - Emission limitations or standards or other applicable requirements that apply solely under an emissions trading program approved or promulgated by the Administrator under the CAA that allows for trading emissions within a source or between sources;
 - An emissions cap that meets the requirements specified in 40 CFR Part 70.4(b)(12) or 40 CFR Part 71.6(a)(13)(iii); and
 - Emission limitations or standards for which a Part 70 or 71 permit specifies a continuous compliance determination method, as defined in 40 CFR Part 64.1.

Operators of existing or new large emission units (post-control emissions greater than major source threshold) need to include CAM Plans as part of their initial Title V permit application or if a significant permit revision involving the emission unit is submitted. CAM Plans for other sources (pre-control emissions greater than major source threshold) are due with Title V permit renewal applications.

Wildflower Energy Larkspur operates two gas turbines; each turbine is controlled by a SCR system for NO_x control. Since the gas turbines are subject to the continuous monitoring requirements for NO_x and CO, as allowed under Section 64.2(b)(vi), the units are not subject to CAM for NO_x and CO. The turbines are not equipped with control equipment for PM₁₀ or SO_x and they are not major sources for VOC, PM₁₀, or SO_x. Therefore, Wildflower Energy Larkspur is not subject to CAM.

5.0 REQUESTED TITLE V PERMIT CHANGES

5.1 Administrative Changes

Wildflower Energy is not requesting any Administrative Changes at this time.

5.2 Alternative Operating Scenario

An alternative operating scenario (AOS) is a set of provisions and conditions in a permit that allow a facility to switch back and forth between alternative modes of operation without submitting an application for a permit revision before each switch. A permitted AOS allows:

“a change for a particular emissions unit that either results in the unit being subject to one or more applicable requirements which differ from those applicable to the emissions unit prior to implementation of the change or renders inapplicable one or more requirements previously applicable to the emissions unit prior to implementation of the change”

Incorporating an AOS into a permit involves applying for a change of permit conditions. Wildflower Energy is not requesting an AOS with this Title V renewal application.

5.3 Streamlined Permit Conditions

A Title V permit applicant may request to streamline permit conditions when there are overlapping regulatory requirements. Wildflower Energy is not requesting any streamlined permit conditions with this Title V renewal application.

5.4 Permit Shield

A permit shield is an optional part of a Title V permit that gives a facility explicit protection from requirements that do not apply. A permit shield is a provision in a permit which states that compliance with the conditions of the permit shall be deemed compliance with all identified regulatory requirements. A permit shield can also identify specific regulatory requirements that do not apply to specific equipment or processes. Wildflower Energy is not requesting a permit shield with this Title V renewal application.

5.5 List of Exempt Equipment

With this application for renewal, Wildflower Energy is fulfilling its requirement under 40 CFR 70.5(c) to provide a list of the insignificant equipment which are exempted because of size or production rate. Form 1401-G in Appendix A lists the equipment and insignificant activities. No new exempt equipment are being proposed.

6.0 REQUESTED TITLE V PERMIT CHANGES

The facility has no ongoing non-compliance as of the date of submittal of this renewal application.

APPENDIX A – SDAPCD TITLE V APPLICATION FORMS

Appendix A: Schedule of Forms

Form	Title	Device Description
1401-A1	Stationary Source Summary	Title V Renewal Application
1401-A2	Stationary Source Summary	Title V Renewal Application
1401-G	Insignificant Activity List	Title V Renewal Application
1401-H1	Applicable Requirements Summary Checklist	Title V Renewal Application
1401-H2	List of Permits by Equipment Category	Title V Renewal Application
1401-I	Certification Statement	Title V Renewal Application
1401-K	Compliance Certification Schedule	Title V Renewal Application
1401-M	Abatement Devices	Title V Renewal Application

APPENDIX B – PART 70 CROSS-REFERENCE MATRIX

Table B-1: Part 70 Cross-Reference Matrix

Citation 40 CFR 70.5	Requirement	Location in Application
(c)(1)	Identifying information, including company name and address (or plant name and address if different from the company name), owner's name and agent, and telephone number and names of plant site manager/contact.	Section 1.2; Form 1401-A1, Appendix A
(c)(2)	A description of the source's processes and products (by SIC Code) including those associated with any proposed AOS identified by the source.	Section 1.1
(c)(3)	The following emission-related information:	---
(c)(3)(i)	All emissions of pollutants for which the source is major, and all emissions of regulated air pollutants. A permit application shall describe all emissions of regulated air pollutants emitted from any emissions unit, except where such units are exempted under this paragraph (c) of this section. The permitting authority shall require additional information related to the emissions of air pollutants sufficient to verify which requirements are applicable to the source, and other information necessary to collect any permit fees owed under the fee schedule approved pursuant to §70.9(b) of this part.	Section 3.0; SDAPCD AEIR
(c)(3)(ii)	Identification and description of all points of emissions described in paragraph (c)(3)(i) of this section in sufficient detail to establish the basis for fees and applicability of requirements of the Act.	Facility Permit PTO-978248, Section V, Appendix C
(c)(3)(iii)	Emissions rate in TPY and in such terms as are necessary to establish compliance consistent with the applicable standard reference test method. For emissions units subject to an annual emissions cap, TPY can be reported as part of the aggregate emissions associated with the cap, except where more specific information is needed, including where necessary to determine and/or assure compliance with an applicable requirement.	Section 3.0
(c)(3)(iv)	The following information to the extent it is needed to determine or regulate emissions: Fuels, fuel use, raw materials, production rates, and operating schedules.	Facility Permit PTO-978248, Section V, Appendix C
(c)(3)(v)	Identification and description of air pollution control equipment and compliance monitoring devices or activities.	Facility Permit PTO-978248, Section V, Appendix C

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Citation 40 CFR 70.5	Requirement	Location in Application
(c)(3)(vi)	Limitations on source operation affecting emissions or any work practice standards, where applicable, for all regulated pollutants at the part 70 source.	Facility Permit PTO-978248, Section V, Appendix C
(c)(3)(vii)	Other information required by any applicable requirement (including information related to stack height limitations developed pursuant to section 123 of the Act).	Facility Permit PTO-978248, Section V, Appendix C
(c)(3)(viii)	Calculations on which the information in paragraphs (c)(3)(i) through (vii) of this section is based.	Sections 3.0
(c)(4)	The following air pollution control requirements:	---
(c)(4)(i)	Citation and description of all applicable requirements, and	Form 1401-H1, Appendix A; Facility Permit PTO-978248, Section II, Appendix C
(c)(4)(ii)	Description of or reference to any applicable test method for determining compliance with each applicable requirement.	Form 1401-H1, Appendix A; Facility Permit PTO-978248, Section II, Appendix C
(c)(5)	Other specific information that may be necessary to implement and enforce other applicable requirements of the Act or of this part or to determine the applicability of such requirements.	Form 1401-H1, Appendix A; Facility Permit PTO-978248, Section II, Appendix C
(c)(6)	An explanation of any proposed exemptions from otherwise applicable requirements.	Form 1401-H1, Appendix A

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Citation 40 CFR 70.5	Requirement	Location in Application
(c)(7)	Additional information as determined to be necessary by the permitting authority to define proposed AOSs identified by the source pursuant to §70.6(a)(9) of this part or to define permit terms and conditions implementing any AOS under §70.6(a)(9) or implementing §70.4(b)(12) or §70.6(a)(10) of this part. The permit application shall include documentation demonstrating that the source has obtained all authorization(s) required under the applicable requirements relevant to any proposed AOSs, or a certification that the source has submitted all relevant materials to the appropriate permitting authority for obtaining such authorization(s).	Not Applicable, Section 5.2
(c)(8)	A compliance plan for all part 70 sources that contains all the following:	Form 1401-H1, Appendix A
(c)(8)(i)	A description of the compliance status of the source with respect to all applicable requirements.	Form 1401-H1, Appendix A
(c)(8)(ii)	A description as follows:	---
(c)(8)(ii)(A)	For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with such requirements.	Form 1401-I, Appendix A
(c)(8)(ii)(B)	For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis.	Form 1401-I, Appendix A
(c)(8)(ii)(C)	For requirements for which the source is not in compliance at the time or permit issuance, a narrative description of how the source will achieve compliance with such requirements.	Not Applicable
(c)(8)(ii)(D)	For applicable requirements associated with a proposed AOS, a statement that the source will meet such requirements upon implementation of the AOS. If a proposed AOS would implicate an applicable requirement that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis.	Not Applicable, Section 5.2
(c)(8)(iii)	A compliance schedule as follows:	---
(c)(8)(iii)(A)	For applicable requirements with which the source is in compliance, a statement that the source will continue to comply with such requirements.	Form 1401-I, Appendix A

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Wildflower Energy Larkspur

Citation 40 CFR 70.5	Requirement	Location in Application
(c)(8)(iii)(B)	For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis. A statement that the source will meet in a timely manner applicable requirements that become effective during the permit term shall satisfy this provision, unless a more detailed schedule is expressly required by the applicable requirement.	Form 1401-I, Appendix A
(c)(8)(iii)(C)	A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. Such a schedule shall include a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with any applicable requirements for which the source will be in noncompliance at the time of permit issuance. This compliance schedule shall resemble and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.	Not Applicable
(c)(8)(iii)(D)	For applicable requirements associated with a proposed AOS, a statement that the source will meet such requirements upon implementation of the AOS. If a proposed AOS would implicate an applicable requirement that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis. A statement that the source will meet in a timely manner applicable requirements that become effective during the permit term will satisfy this provision, unless a more detailed schedule is expressly required by the applicable requirement.	Not Applicable, Section 5.2
(c)(8)(iv)	A schedule for submission of certified progress reports no less frequently than every 6 months for sources required to have a schedule of compliance to remedy a violation.	Not Applicable
(c)(8)(v)	The compliance plan content requirements specified in this paragraph shall apply and be included in the acid rain portion of a compliance plan for an affected source, except as specifically superseded by regulations promulgated under title IV of the Act with regard to the schedule and method(s) the source will use to achieve compliance with the acid rain emissions limitations.	Facility Permit PTO-978248, Appendix D, Appendix C
(c)(9)	Requirements for compliance certification, including the following:	---
(c)(9)(i)	A certification of compliance with all applicable requirements by a responsible official consistent with paragraph (d) of this section and section 114(a)(3) of the Act;	Form 1401-I, Appendix A

Title V Permit Renewal Application
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Citation 40 CFR 70.5	Requirement	Location in Application
(c)(9)(ii)	A statement of methods used for determining compliance, including a description of monitoring, recordkeeping, and reporting requirements and test methods;	Facility Permit PTO-978248, Section I, Appendix C
(c)(9)(iii)	A schedule for submission of compliance certifications during the permit term, to be submitted no less frequently than annually, or more frequently if specified by the underlying applicable requirement or by the permitting authority; and	Form 1401-K, Appendix A; Facility Permit PTO-978248, Section I, Appendix C
(c)(9)(iv)	A statement indicating the source's compliance status with any applicable enhanced monitoring and compliance certification requirements of the Act.	Form 1401-I, Appendix A
(c)(10)	The use of nationally-standardized forms for acid rain portions of permit applications and compliance plans, as required by regulations promulgated under title IV of the Act.	Form 1401-A1-A2, Appendix A

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**APPENDIX C – COPY OF FACILITY PERMIT TO OPERATE (PTO)
APCD2007-PTO-978248**

San Diego County Air Pollution Control District

10124 Old Grove Road
San Diego, CA 92131
(858) 586-2600

**TITLE V OPERATING PERMIT
APCD2007-PTO-978248**

Issued To:

Wildflower Energy LP / Larkspur
APCD2001-SITE-04109

Site Address

9355 Otay Mesa Road
San Diego, CA 92154

Mailing Address

333 S. Grand Avenue
Los Angeles, CA 90017
(213) 473-0080

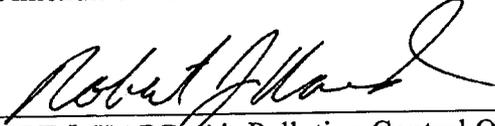
Responsible Official:

Bohdan Buchynsky, Senior Vice President
Michael Carpenter, Plant Manager (Alternate)
Wayne Forsyth, Senior Manager,
Compliance (Alternate)

Facility and Permit Information Contact: Wayne Forsyth, Senior Manager, Compliance

Issued by the San Diego County Air Pollution Control District on June 14, 2011.
This Title V Operating Permit expires on June 14, 2016.
(Administrative Amendment made under APP-003698, October 2014)

Signed by: _____


ROBERT J. KARD, Air Pollution Control Officer

October 22, 2014

Date

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PREAMBLE

This Title V Operating Permit consists of this document and all appendixes, including District permits incorporated by reference. The facility is subject to all applicable requirements identified within this permit, unless a specific permit shield is specified within this permit. If an applicable requirement is omitted from this permit, the facility is still obligated to comply with such an applicable requirement. The permittee must comply with all of the terms listed in each section of this permit.

This permit contains five major sections: Section I contains the Regulation XIV requirements required to carry out the Title V Operating Permit program. Section II contains the requirements that are applicable to the facility on a facility-wide basis. Section III contains the requirements that are applicable to individual emission units which have been issued District permits or District registration, or which have been determined to be insignificant emission units. Section IV contains terms and requirements pertaining to variance procedures and compliance schedules, if applicable to the facility. Section V contains three appendixes. Appendix A contains all the District permits incorporated within this permit. Appendix B contains a table of all rules approved by the District and the rules contained in the State Implementation Plan (SIP). Appendix C contains a list of abbreviations used within this permit. The basis for each condition is noted in brackets following each condition.

Copies of the Rules and Regulations of the Air Pollution Control District of San Diego County and the Rules and Regulations for San Diego County contained in the SIP approved by EPA may be obtained at the District. Copies are also available for review at the following locations:

SD Air Pollution Control District (Library & Public Review Area)	County of SD Law Library (Downtown)	County of SD Law Library (North County)
10124 Old Grove Rd.	1105 Front St.	325 S. Melrose Suite 300
San Diego, CA 92131	San Diego, CA 92101	Vista, CA 92083
(858) 586-2600	(619) 531-3900	(760) 940-4386

The current Rules and Regulations of the Air Pollution Control District of San Diego County may also be viewed and downloaded using the following internet address:

www.sdapcd.org

The following addresses should be used to submit any certifications, reports or other information required by this permit:

SD Air Pollution Control District Compliance Division 10124 Old Grove Rd. San Diego, CA 92131	USEPA Region IX Director of the Air Division Attn: Air-3 75 Hawthorne Street San Francisco, CA 94105
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SECTION I. REGULATION XIV PERMIT REQUIREMENTS

A. ADMINISTRATIVE PERMIT TERMS

1. This Title V Operating Permit expires on June 14, 2016. [Rule 1410]
2. Commencing or continuing operation under this permit to operate shall be deemed acceptance of all terms and conditions specified within this permit. This does not limit the right of the applicant to seek judicial review or seek federal EPA review of a permit term or condition. [Rule 1421]
3. This permit may be modified, revoked, reopened and reissued, or terminated by the District for cause. [Rule 1421]
4. The filing of a request by the facility for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay the applicability of any permit condition. [Rule 1421]
5. This permit does not convey any property rights of any sort, nor any exclusive privilege. [Rule 1421]
6. The need for the permittee to halt or reduce a permitted activity in order to maintain compliance with any term or condition of this permit shall not be a defense for any enforcement action brought as a result of a violation of any such term or condition. [Rule 1421]
7. In the event of challenge to any portion of this permit, the rest of the permit remains valid. [Rule 1421]
8. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any applicable requirement in this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. [Rule 1421]

B. RENEWAL REQUIREMENTS AND TERMS

1. The permittee shall submit a complete application for renewal of this permit to the Air Pollution Control Officer no later than June 14, 2015 and no earlier than January 14, 2015. [Rule 1410]
2. If an administratively complete application for renewal of this permit has been submitted to the Air Pollution Control Officer within the dates specified in Section I.B.1., the terms and conditions of this permit shall remain in effect and the source may continue operations under these terms and conditions after June 14, 2016 until the Air Pollution Control Officer issues or denies the permit renewal. [Rule 1410]

C. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

1. The permittee shall provide the District access to the facility and all equipment subject to this permit, and access to all required records pursuant to California Health and Safety Code Section 41510. When requested by the District, records that are maintained in an electronic format, including, but not limited to, those records also maintained as hardcopy, shall be provided in an electronic format acceptable to the District. [Rule 1421]
2. The permittee shall maintain all records required by this permit including any calibration, maintenance, and other supporting information and copies of all reports required by this permit for at least five years from their date of creation. Such records shall be maintained on-site for a minimum of five years. [Rule 1421]
3. The permittee shall submit monitoring and recordkeeping summary reports and all other monitoring and recordkeeping reports required by this permit to the District every six months, unless a shorter time frame is required by a specific permit condition contained in Section III of this permit. Unless other dates are specified in Section III, reports for data required to be collected from January 1 through June 30, shall be submitted no later than September 1 of the calendar year, and reports for data required to be collected from July 1 through December 31, shall be submitted no later than March 1 of the following calendar year. The report for the final six months of the year may be consolidated with the annual compliance certification required below. All instances of noncompliance from federally enforceable applicable requirements shall be clearly identified in these reports. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]
4. Each calendar year, the permittee shall submit to the District and to the federal EPA an annual compliance certification, in a manner and form approved in writing by the District, for the previous calendar year that includes the identification of each applicable term or condition of the final permit for which the compliance status is being certified, the compliance status and whether the facility was in continuous or intermittent compliance during the previous calendar year, identification of the method used to determine compliance during the previous calendar year, and any other information required by the District to determine the compliance status. The annual compliance certification for a calendar year shall be submitted no later than March 1 of the following calendar year and may be consolidated with the monitoring and recordkeeping report for the last six months of the year for which compliance is certified. (Timely completion of District Certification Reports Form J1 and Form J2, if applicable, and all indicated attachments, fulfills the requirements of this condition.) [Rule 1421]
5. Any report submitted to the District or federal EPA pursuant to this permit to comply with a federally enforceable applicable requirement, shall be certified by a responsible official stating that, based on information and belief formed after reasonable inquiry, the report is true, accurate and complete. [Rule 1421]

6. The permittee shall make any trade secret designations of records, documents, or other information submitted to the District or federal EPA in accordance with District Rule 176. [Rule 176]
7. The permittee shall report all deviations from any and all federally enforceable permit terms and conditions including: (a) breakdowns, whether or not they result in excess emissions, (b) deviations that result in excess emissions of any regulated air pollutant, and (c) deviations from monitoring, recordkeeping, reporting and other administrative requirements that do not result in excess emissions. For deviations that result from breakdowns under District Rule 98, the permittee shall report the breakdown within two hours of detection of the breakdown and provide a follow-up written report after corrective actions have been taken. For deviations not due to a breakdown but which result in excess emissions, the permittee shall report the deviation within ten calendar days of detection. For all other deviations where no specific time frame for reporting a deviation applies, the permittee shall report the deviation at the time of the next semi-annual monitoring summary or annual compliance certification, whichever occurs first. If an underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, then the criteria for the applicable requirement shall apply. The report must include the probable cause of such deviations and any corrective actions or preventive measures taken. [Rule 1421]

D. GENERAL PERMIT REQUIREMENTS

1. The permittee shall comply with all terms and conditions of this permit. This permit consists of this document and Appendixes A, B and C. Any noncompliance with the federally applicable terms and conditions of this permit shall constitute a violation of the federal Clean Air Act. Noncompliance with any federally applicable permit term or condition of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Noncompliance with any District permit term or condition is grounds for enforcement action by the District. [Rule 1421]
2. Upon a written request by the District, the permittee shall furnish to the District any information needed to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit; any information required to determine compliance with this permit; or any records required to be maintained pursuant to this permit. Such information shall be provided within a reasonable time, as specified within the District's written request. [Rule 1421]
3. The permittee shall pay annual fees in accordance with District Rule 40. [Rule 1421]
4. The permittee shall provide access, facilities, utilities and any necessary safety equipment for source testing and inspection upon request of the District. [Rule 19]
5. This permit shall be maintained on-site at all times and be made available to the District upon request. [Rule 1410]
6. The Rule Reference Table provided in Appendix B shall be used to determine whether a cited rule is a federally and District enforceable requirement or a District only

enforceable requirement. Any new or revised District rule shall not be considered federally enforceable until the rule is approved by EPA into the SIP. In cases where SIP approval is pending for a revised District rule, the rule citation shall refer to both the current SIP approved rule and the revised District rule. [Rule 1421]

SECTION II. FACILITY-WIDE REQUIREMENTS

A. GENERAL PERMIT PROGRAM APPLICABLE REQUIREMENTS

The permittee shall comply with the applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation.

Regulation	Rule Citation	Title
SDCAPCD Reg. II	10	Permits Required
SDCAPCD Reg. II	19	Provision of Sampling & Testing Facilities
SDCAPCD Reg. II	19.3	Emission Information
SDCAPCD Reg. II	21	Permit Conditions
SDCAPCD Reg. IV	60	Circumvention
SDCAPCD Reg. V	98	Breakdown Conditions: Emergency Variance

B. GENERAL PROHIBITORY APPLICABLE REQUIREMENTS

The permittee shall comply with the generally applicable requirements specified in the Rules and Regulations cited below, unless specifically exempted by the same Rule or Regulation. These generally applicable requirements apply on a facility-wide basis to all permitted equipment, registered equipment, and insignificant activities. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more permitted emission units, the requirement is also included in Section III.A. of this permit.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	50	Visible Emissions
SDCAPCD Reg. IV	51	Nuisance
SDCAPCD Reg. IV	67.0	Architectural Coatings
SDCAPCD Reg. IV	67.17	Storage of Materials Containing VOC
SDCAPCD Reg. IV	71	Abrasive Blasting
SDCAPCD Reg. VI	101	Burning Control
SDCAPCD Reg. XI	Subpart M, 361.145	Standard for Demolition and Renovation
SDCAPCD Reg. XI	Subpart M, 361.150	Standard for Waste Disposal for Manufacturing, Fabricating, Demolition, Renovation, and Spraying Operations
40 CFR Part 82	Subpart F	Recycling and Emissions Reduction

C. PERMIT SHIELDS

- The permittee is granted a permit shield from enforcement action for the rules cited in the table below based on the District's determination that such rules are not applicable to any operation at this facility. Permittee shall not perform any operation or activity subject to the rules cited in the table below.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	52	Particulate Matter
SDCAPCD Reg. IV	54	Dust and Fumes

2. The permittee is granted a permit shield from enforcement action for 40 CFR Part 68 for the reason that the facility does not use or store materials subject to regulation.

D. TITLE IV (ACID RAIN) REQUIREMENTS

1. The permittee shall not exceed any emission allowances that are lawfully held under Title IV of the federal Clean Air Act or the regulations promulgated thereunder. [1421]
2. The permittee shall install, operate, and maintain equipment for the continuous monitoring of CO₂ and NO_x on the common stack in accordance with 40 CFR Parts 72 and 75. [40 CFR Parts 72 and 75]
3. The permittee shall prepare and maintain onsite a written Quality Assurance program in accordance with 40 CFR Part 75, Appendix B, for the continuous monitoring of NO_x emissions from the common stack. The components of the Quality Assurance program include, but are not limited to, procedures for daily calibration testing, quarterly linearity testing, record keeping and reporting implementation, and relative accuracy testing. [40 CFR Parts 72 and 75]
4. The permit holder shall monitor SO₂ emissions in accordance with 40 CFR Part 72 and 75. [40 CFR Parts 72 and 75]
5. The permit holder shall submit quarterly Electronic Data Reports (EDRs) to EPA for the emissions from the common stack in accordance with 40 CFR Part 75. These reports must be submitted within 30 days following the end of each calendar quarter and shall include all information required in § 75.64. (40 CFR Part 75)

E. ADDITIONAL TERMS AND REQUIREMENTS

1. Any emission unit described in this Title V operating permit as being fired on natural gas, shall only use Public Utility Commission (PUC)-quality natural gas, unless the emission unit permit specifies otherwise. Permittee shall provide records of the natural gas sulfur content to the District upon request. [Rule(s) 53, 62]
2. Records required by this permit shall be considered as being maintained "on-site" if records for the previous 12-month period are available at the stationary source. [Rule 21]

SECTION III. EMISSION UNIT REQUIREMENTS

A. DISTRICT PERMITTED EMISSION UNITS

The District Permits listed below and attached in Appendix A, including all terms and conditions of such permits, constitute the emission unit portion of this Title V Operating Permit document.

Permit Number	Source Category
976094	Turbine
976138	"

B. REGISTERED AND LEASED EMISSION UNITS

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all registered and leased emission units, unless specifically exempted by the same Rule or Regulations.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	62	Sulfur Content of Fuels
SDCAPCD Reg. IV	69.4	Stationary Reciprocating Internal Combustion Engines

C. INSIGNIFICANT EMISSION UNITS AND ACTIVITIES

The permittee shall comply with the source specific applicable requirements specified in the Rules and Regulations cited below for all emission units not required to obtain a District Permit to Operate pursuant to Rule 11, unless specifically exempted by the same Rule or Regulations.

Regulation	Rule Citation	Title
SDCAPCD Reg. IV	62	Sulfur Content of Fuels
SDCAPCD Reg. IV	66	Organic Solvents

SECTION IV. VARIANCE PROCEDURES

VARIANCE PROCEDURES

The permittee may seek relief from District enforcement action in the event of a breakdown in accordance with District Rule 98. Notwithstanding the foregoing, the granting by the District of breakdown relief or the issuance by the Hearing Board of a variance does not provide relief from federal enforcement or citizen's suits. [Rule 98]

SECTION V. APPENDICES

Appendix A: DISTRICT PERMITS (ATTACHED)

Permit Number	Source Category
976094	Turbine
976138	"

COUNTY OF SAN DIEGO, AIR POLLUTION CONTROL DISTRICT
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June 14, 2016

PERMIT TO OPERATE

THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

PERMITTEE
WILDFLOWER ENERGY LP/LARKSPUR
AUDUN AABERG
333 S GRAND AVE, #1570
LOS ANGELES CA 90071-0000

EQUIPMENT ADDRESS
LARKSPUR ENERGY FACILITY

9355 OTAY MESA RD
SAN DIEGO CA 92154-0000

EQUIPMENT DESCRIPTION

ONE (1) GENERAL ELECTRIC 45 MW NOMINALLY RATED MODEL LM 6000 PC SPRINT SIMPLE CYCLE GAS TURBINE WITH A HEAT INPUT RATING OF 395 MM BTU/HR (LHV) WHEN OPERATED ON NATURAL GAS AND 398 MM BTU/HR (LHV) WHEN OPERATED ON LIQUID FUEL, EQUIPPED WITH A WATER INJECTION SYSTEM AND A TURNER COMPANY SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM INCLUDING AUTOMATIC AMMONIA INJECTION CONTROL SYSTEM FOR CONTROL OF NOX, CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS), DATA ACQUISITION AND RECORDING SYSTEMS AND THE OPTION OF AN OXIDATION CATALYST SYSTEM: UNIT 100 (WEST UNIT) THE COMBINED TOTAL ELECTRICAL NOMINAL POWER OUTPUT FROM THE LARKSPUR POWER PLANT, INCLUDES POWER FROM UNIT 100 AND UNIT 200 IS 90 MW.

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 50 AND 51.
FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

ADMINISTRATIVE

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS: 40 CFR PARTS 60, 72, AND 73.
[RULE 1421]
2. PROVIDED THE EQUIPMENT SUBJECT TO THIS PERMIT IS OPERATED IN COMPLIANCE WITH ALL OF THE SECTION (A) CONDITIONS LISTED BELOW AS THEY EXIST ON THE DATE OF ISSUANCE OF THE PERMIT, A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53, RULE 62, RULE 68, RULE 69.3, 40 CFR PART 60 SUBPART GG, AND 40 CFR PART 75.
[RULE 1421]
3. ANY VIOLATION OF ANY EMISSION STANDARD AS INDICATED BY THE CEMS SHALL BE REPORTED TO THE DISTRICT WITHIN 96 HOURS AFTER SUCH OCCURRENCE.
[CA HEALTH AND SAFETY CODE]
4. IN THE EVENT OF A BREAKDOWN IN AN AUTOMATIC AMMONIA INJECTION CONTROL SYSTEM, A TRAINED OPERATOR SHALL OPERATE THE SYSTEM MANUALLY AND THE BREAKDOWN SHALL BE REPORTED TO THE DISTRICT COMPLIANCE DIVISION PURSUANT TO RULE 98.
[RULE 98]

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5. ACCESS AND FACILITIES FOR FUEL SAMPLES FROM FUEL TANKS OR FUEL LINES SHALL BE PROVIDED TO DISTRICT PERSONNEL FOR OBTAINING SAMPLES FOR ANALYSIS. RECORDS OF FUEL SPECIFICATIONS, INCLUDING THE MATERIAL SAFETY DATA SHEETS (MSDS) AND THE SULFUR CONTENT GUARANTEE, SHALL BE MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 62]
6. AN APPLICATION FOR MODIFICATION OF DISTRICT PERMITS FOR THIS EQUIPMENT SHALL BE REQUIRED FOR ANY PROPOSED PHYSICAL OR OPERATIONAL MODIFICATION TO THE EQUIPMENT DESCRIBED HEREIN, SUCH AS A MODIFICATION TO CONVERT THIS SIMPLE CYCLE TURBINE TO COMBINED CYCLE UNIT. APPLICABLE BACT REQUIREMENTS FOR THE PROPOSED EQUIPMENT MODIFICATION SHALL BE RE-EVALUATED AT THAT TIME.
[RULE 10]

EMISSION LIMITS/OPERATIONAL LIMITS

FUEL:

7. WHEN OPERATING ON NATURAL GAS, THE UNIT SHALL BE FIRED ON PUBLIC UTILITY COMMISSION (PUC) QUALITY NATURAL GAS ONLY. THE PERMITTEE SHALL MAINTAIN, ON SITE, QUARTERLY RECORDS OF THE NATURAL GAS SULFUR CONTENT (GRAINS OF SULFUR COMPOUNDS PER 100 DSCF OF NATURAL GAS) AND THE HIGHER AND LOWER HEATING VALUES (BTU/SCF) OF THE NATURAL GAS; AND PROVIDE SUCH RECORDS TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 62]
8. ONLY CARB CERTIFIED CALIFORNIA DIESEL FUEL OR AN ALTERNATIVE LIQUID FUEL THAT HAS BEEN APPROVED IN WRITING BY THE DISTRICT WITH A SULFUR CONTENT EQUAL TO OR LESS THAN 0.05% BY WEIGHT MAY BE USED AS A BACKUP FUEL FOR THESE UNITS.
[NSR]
9. LIQUID FUEL SHALL BE USED AS FUEL IN THE UNIT ONLY DURING FORCE MAJEURE NATURAL GAS CURTAILMENTS AS DEFINED IN RULE 69 SECTION (C) SUBSECTION (8) AND TO TEST THE EMERGENCY BACK UP FUEL SYSTEM. TESTING OF THE BACK UP FUEL SYSTEM FOR THE UNIT SHALL BE LIMITED TO 24 HOURS PER CALENDAR YEAR. THE TOTAL CUMULATIVE OPERATION ON LIQUID BACK UP FUEL DURING NATURAL GAS CURTAILMENT PERIODS, AND FOR TESTING OR EMERGENCIES FOR THIS UNIT SHALL NOT EXCEED 680 HOURS PER CALENDAR YEAR.
[NSR]

STARTUP/SHUTDOWN:

10. FOR THE PURPOSES OF THIS PERMIT TO OPERATE, STARTUP PERIOD SHALL BE DEFINED AS THE 30 MINUTE TIME PERIOD STARTING WHEN FUEL FLOW BEGINS. SHUTDOWN PERIOD SHALL BE DEFINED AS THE 30-MINUTE PERIOD PRECEDING THE MOMENT AT WHICH FUEL FLOW CEASES. THE DATA ACQUISITION AND HANDLING SYSTEM (DAHS), AS REQUIRED BY 40 CFR PART 75, SHALL RECORD THESE EVENTS.
[RULE 69.3.1]
11. THE UNIT EXHAUST SHALL NOT BYPASS THE EMISSION CONTROL SCR SYSTEM EXCEPT FOR THE FIRST 10 MINUTES OF A STARTUP WHEN OPERATING ON LIQUID FUEL. THE UNIT EXHAUST SHALL NOT BYPASS THE CEMS AT ANY TIME.
[NSR, RULE 69.3.1]

OXIDES OF NITROGEN:

12. WHEN OPERATING ON NATURAL GAS, EMISSIONS OF OXIDES OF NITROGEN (NOX), CALCULATED AS NITROGEN DIOXIDE, FROM THE UNIT EXHAUST STACK SHALL NOT EXCEED 9 PARTS PER MILLION VOLUME ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN AND AVERAGED OVER EACH CLOCK HOUR AND SHALL NOT EXCEED 5 PPMVD CORRECTED TO 15% OXYGEN AND AVERAGED OVER EACH CONTINUOUS ROLLING 3-HOUR PERIOD. WHEN OPERATING ON LIQUID FUEL, EMISSIONS OF OXIDES OF NITROGEN (NOX),

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CALCULATED AS NITROGEN DIOXIDE, FROM THE UNIT EXHAUST STACK SHALL NOT EXCEED 13 PARTS PER MILLION VOLUME ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN AVERAGED OVER EACH CLOCK HOUR. COMPLIANCE WITH THESE LIMITS SHALL BE DEMONSTRATED CONTINUOUSLY BASED ON CEMS DATA AND BY SOURCE TESTING CALCULATED AS THE AVERAGE OF THREE SUBTESTS. THESE LIMITS SHALL NOT APPLY DURING STARTUP AND SHUTDOWN PERIODS.
[RULE 69.3.1, RULE 69.3, NSR]

13. WHEN OPERATING ON NATURAL GAS, THE NOX MASS EMISSION RATE FROM THE UNIT SHALL NOT EXCEED 8.4 POUNDS PER HOUR OF NITROGEN OXIDES (NOX) CALCULATED AS NITROGEN DIOXIDE AVERAGED OVER EACH CONTINUOUS ROLLING THREE HOUR PERIOD. WHEN OPERATING ON LIQUID FUEL, THE NOX MASS EMISSION RATE FROM THE UNIT SHALL NOT EXCEED 22.6 POUNDS PER HOUR OF NITROGEN OXIDES (NOX) CALCULATED AS NITROGEN DIOXIDE AND AVERAGED OVER EACH CLOCK HOUR. COMPLIANCE WITH THESE LIMITS SHALL BE DEMONSTRATED CONTINUOUSLY BASED UPON CEMS DATA, AND BASED UPON SOURCE TESTING, CALCULATED AS AN AVERAGE OF THREE SUBTESTS.
[NSR]
14. TOTAL COMBINED OXIDES OF NITROGEN MASS EMISSIONS FROM BOTH UNITS OPERATING AT THIS FACILITY SHALL NOT EQUAL OR EXCEED 50 TONS PER CALENDAR YEAR. THE DAILY NOX MASS EMISSIONS FROM EACH UNIT SHALL BE RECORDED DAILY. THE AGGREGATE NOX MASS EMISSIONS FROM BOTH UNITS FOR EACH CALENDAR MONTH, AND FOR EACH ROLLING 12-MONTH PERIOD, SHALL BE CALCULATED AND RECORDED BY THE 15TH CALENDAR DAY OF THE FOLLOWING MONTH. IN THE EVENT THAT THE 50 TONS PER CALENDAR YEAR EMISSION LIMIT IS PROJECTED TO BE EXCEEDED, THE PERMITTEE SHALL SUBMIT A COMPLETE APPLICATION TO MODIFY THIS PERMIT AT LEAST 6 MONTHS PRIOR TO THE PROJECTED DATE OF EXCEEDANCE, DEMONSTRATING HOW COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS WILL BE ACHIEVED.
[NSR]

CARBON MONOXIDE:

15. EMISSIONS OF CARBON MONOXIDE (CO) FROM THE UNIT EXHAUST STACK SHALL NOT EXCEED 70 PARTS PER MILLION VOLUME ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN AND AVERAGED OVER EACH CLOCK HOUR. COMPLIANCE WITH THIS LIMIT SHALL BE DEMONSTRATED CONTINUOUSLY BASED ON CEMS DATA AND BY SOURCE TESTING CALCULATED AS THE AVERAGE OF THREE SUBTESTS. THIS LIMIT SHALL NOT APPLY DURING STARTUP AND SHUTDOWN PERIODS.
[NSR]
16. TOTAL COMBINED CARBON MONOXIDE (CO) EMISSIONS FROM BOTH UNITS SHALL NOT EQUAL OR EXCEED THE PREVENTION OF SIGNIFICANT DETERIORATION (PSD) THRESHOLD OF 250 TONS PER CALENDAR YEAR. THE DAILY CO MASS EMISSIONS FROM EACH UNIT SHALL BE RECORDED DAILY. THE AGGREGATE CO MASS EMISSIONS FROM BOTH UNITS FOR EACH CALENDAR MONTH, AND FOR EACH ROLLING 12-MONTH PERIOD SHALL BE CALCULATED AND RECORDED MONTHLY BY THE 15TH CALENDAR DAY OF THE FOLLOWING MONTH. IN THE EVENT THAT AN ANNUAL PSD STATIONARY SOURCE THRESHOLD IS PROJECTED TO BE TRIGGERED, THE APPLICANT SHALL SUBMIT A COMPLETE APPLICATION TO MODIFY THIS PERMIT AT LEAST 6 MONTHS PRIOR TO THE PROJECTED DATE OF EXCEEDANCE, DEMONSTRATING HOW COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS WILL BE ACHIEVED.
[NSR]

VOLATILE ORGANIC COMPOUNDS:

17. EMISSIONS OF VOLATILE ORGANIC COMPOUNDS (VOCS), CALCULATED AS METHANE, FROM THE UNIT EXHAUST STACK SHALL NOT EXCEED 2 PARTS PER MILLION ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN. COMPLIANCE WITH THIS LIMIT SHALL BE DEMONSTRATED BY SOURCE TESTING CALCULATED AS THE AVERAGE OF THREE SUBTESTS. THIS LIMIT SHALL NOT APPLY DURING STARTUP AND SHUTDOWN PERIODS
[NSR]

Permit Conditions Continued...

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AMMONIA:

18. AMMONIA EMISSIONS SHALL NOT EXCEED 10 PARTS PER MILLION VOLUME ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN. COMPLIANCE WITH THIS LIMIT SHALL BE DEMONSTRATED BY SOURCE TESTING CALCULATED AS THE AVERAGE OF THREE SUBTESTS. THIS LIMIT SHALL NOT APPLY DURING STARTUP AND SHUTDOWN PERIODS.
[RULE 1200]

PARTICULATE MATTER:

19. THE DISCHARGE OF PARTICULATE MATTER FROM THE EXHAUST STACK OF THE UNIT SHALL NOT EXCEED 0.10 GRAINS PER DRY STANDARD CUBIC FOOT (0.23 GRAMS/DSCM). THE DISTRICT MAY REQUIRE PERIODIC TESTING WHEN OPERATING ON LIQUID FUEL TO VERIFY COMPLIANCE WITH THIS STANDARD.
[RULE 53]
20. VISIBLE EMISSIONS FROM THE LUBE OIL VENTS AND THE EXHAUST STACK OF THE UNIT SHALL NOT EXCEED 20% OPACITY FOR MORE THAN THREE (3) MINUTES IN ANY PERIOD OF 60 CONSECUTIVE MINUTES.
[RULE 50]

RECORDKEEPING/MONITORING

21. THE UNIT SHALL BE EQUIPPED WITH CONTINUOUS PARAMETRIC MONITORS TO MEASURE, CALCULATE AND TO RECORD THE FOLLOWING OPERATIONAL CHARACTERISTICS:
HOURS OF OPERATION (HOURS),
NATURAL GAS FLOW RATE (SCFH),
LIQUID FUEL FLOW RATE (GAL/HR),
EXHAUST GAS TEMPERATURE (DEG. F),
AMMONIA INJECTION RATE,
WATER INJECTION RATE,
RATIO OF WATER INJECTION RATE TO FUEL CONSUMPTION RATE (LB OF WATER TO LB OF FUEL),
RATIO OF AMMONIA INJECTION RATE TO OUTLET NOX MASS EMISSION RATE (LB OF AMMONIA TO LB OF NOX)
INLET TEMPERATURE OF THE SCR AND OXIDATION CATALYST BEDS (DEG. F), AND
POWER OUTPUT (MW).
THESE MONITORS SHALL BE INSTALLED, CALIBRATED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES AND A PROTOCOL APPROVED BY THE DISTRICT.
[RULE 69.3.1, NSR]
22. WATER INJECTION (FOR NOX CONTROL), AND AMMONIA FLOW METERS SHALL BE INSTALLED AND MAINTAINED TO MEASURE THE FLOW RATE. FLOW METERS SHALL BE CALIBRATED AND MAINTAINED TO BE ACCURATE TO AT LEAST +/-2%. FLOW RATES CALIBRATION REPORTS, CORRECTION FACTORS AND CONSTANTS FOR THE PREVIOUS FIVE YEARS SHALL BE MAINTAINED ON SITE OR AT A DISTRICT-APPROVED ALTERNATE LOCATION AND MADE AVAILABLE TO THE DISTRICT WITHIN 48 HOURS AFTER REQUEST.
[RULE 20.3 AND RULE 69.3.1]
23. NON-RESETTABLE TOTALIZING METERS WITH AN ACCURACY OF AT LEAST +/-2% SHALL BE INSTALLED IN EACH NATURAL GAS FUEL LINE TO MEASURE VOLUMETRIC FLOW RATE CORRECTED FOR TEMPERATURE AND PRESSURE OF NATURAL GAS. NON-RESETTABLE TOTALIZING METERS WITH AN ACCURACY OF AT LEAST +/-2% SHALL BE INSTALLED IN EACH LIQUID FUEL LINE TO MEASURE VOLUMETRIC FLOW RATE OF LIQUID FUEL. FUEL FLOW METERS SHALL MEET THE APPLICABLE QUALITY ASSURANCE REQUIREMENTS OF 40 CFR PART 75, APPENDIX D, SECTION 2.1.6.
[RULE 69.3.1 AND 40 CFR PART 75]

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24. MONTHLY AND ANNUAL RECORDS OF FUEL USAGE SHALL BE MAINTAINED AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. THESE RECORDS SHALL INDICATE ACTUAL TIMES AND DURATION OF ALL STARTUPS, SHUTDOWNS, FUEL CHANGES, QUANTITY OF FUEL USED, AND THE PURPOSE OF FUEL SWITCHES.
[NSR]
25. A CONTINUOUS EMISSION MONITORING SYSTEM (CEMS) SHALL BE INSTALLED AND PROPERLY MAINTAINED AND CALIBRATED IN ACCORDANCE WITH AN APPROVED CEMS PROTOCOL TO MEASURE, CALCULATE AND RECORD THE FOLLOWING, IN ACCORDANCE WITH THE APPROVED CEMS PROTOCOL:
 - A. HOURLY AVERAGE CONCENTRATION OF OXIDES OF NITROGEN (NOX) CORRECTED TO 15% OXYGEN, IN PARTS PER MILLION (PPM);
 - B. HOURLY AVERAGE CONCENTRATION OF CARBON MONOXIDE (CO) CORRECTED TO 15% OXYGEN, IN PARTS PER MILLION (PPM);
 - C. PERCENT OXYGEN (O₂) IN THE EXHAUST GAS (%);
 - D. HOURLY MASS EMISSIONS OF OXIDES OF NITROGEN (NOX), IN POUNDS;
 - E. DAILY MASS EMISSION OF CARBON MONOXIDE (CO), IN POUNDS;THE CEMS SHALL BE OPERATED IN ACCORDANCE WITH THE APPROVED CEMS MONITORING PROTOCOL AT ALL TIMES WHEN THE UNIT IS IN OPERATION. A COPY OF THE CEMS MONITORING PROTOCOL SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 69.3.1, NSR]
26. THE DISTRICT SHALL BE NOTIFIED AT LEAST TWO WEEKS PRIOR TO ANY CHANGES MADE IN CEMS SOFTWARE THAT AFFECT THE MEASUREMENT, CALCULATION OR CORRECTION OF DATA DISPLAYED AND/OR RECORDED BY THE CEMS.
[RULE 69.3.1, NSR, 40 CFR PART 75]
27. THE DATA ACQUISITION SYSTEM AND HANDLING SYSTEM (DAHS), AS REQUIRED BY 40 CFR 75, SHALL RECORD THE ACTUAL TIMES AND DURATIONS OF THE FOLLOWING EVENTS: STARTUPS, SHUTDOWNS QUANTITY OF EACH FUEL USED, HOURS OF DAILY OPERATION AND CUMULATIVE HOURS OF OPERATION EACH CALENDAR YEAR.
[40 CFR PART 75]
28. WHEN THE CEMS IS NOT RECORDING DATA AND THE UNIT IS OPERATING, HOURLY NOX EMISSIONS SHALL BE DETERMINED IN ACCORDANCE WITH 40 CFR 75 APPENDIX C. ADDITIONALLY, HOURLY CO EMISSIONS SHALL BE DETERMINED USING THE HOURLY EMISSION RATE RECORDED BY THE CEMS DURING THE MOST RECENT HOURS IN WHICH THE UNIT OPERATED 3 CONTINUOUS HOURS AT NO LESS THAN 80% OF FULL POWER RATING. ALTERNATE CO EMISSION FACTORS SHALL BE DETERMINED FROM COMPLIANCE SOURCE TEST EMISSIONS DATA. THE ALTERNATE HOURLY CO EMISSION RATE SHALL BE REVIEWED AND APPROVED BY THE DISTRICT, IN WRITING.
[NSR]
29. THE OXIDES OF NITROGEN (NOX) AND OXYGEN (O₂) CEMS SHALL BE CERTIFIED AND MAINTAINED IN ACCORDANCE WITH APPLICABLE FEDERAL REGULATIONS INCLUDING THE REQUIREMENTS OF SECTIONS 75.10 AND 75.12 OF TITLE 40, CODE OF FEDERAL REGULATIONS PART 75 (40 CFR 75), THE PERFORMANCE SPECIFICATIONS OF APPENDIX A OF 40 CFR 75, THE QUALITY ASSURANCE PROCEDURES OF APPENDIX B OF 40 CFR 75 AND THE CEMS PROTOCOL APPROVED BY THE DISTRICT. THE CARBON MONOXIDE (CO) CEMS SHALL BE CERTIFIED AND MAINTAINED IN ACCORDANCE WITH 40 CFR 60,
[40 CFR PART 75, RULE 69.3.1]
30. THE AIR POLLUTION CONTROL SYSTEM (WATER INJECTION, IF EQUIPPED WITH WATER INJECTION FOR NOX CONTROL), AND THE AMMONIA INJECTION SYSTEM SERVING THE SCR, SHALL BE IN OPERATION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AT ALL TIMES WHEN THE UNIT IS IN OPERATION EXCEPT DURING STARTUPS AND SHUTDOWNS. ALL MANUFACTURER'S SPECIFICATIONS SHALL BE MAINTAINED ON SITE OR

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AT A DISTRICT-APPROVED ALTERNATE LOCATION AND MADE AVAILABLE TO DISTRICT PERSONNEL WITH 48 HOURS AFTER REQUEST.
[NSR]

31. A RELATIVE ACCURACY TEST AUDIT (RATA) AND ALL OTHER REQUIRED CERTIFICATION TESTS SHALL BE PERFORMED AND COMPLETED ON THE CEMS IN ACCORDANCE WITH 40 CFR PART 75 APPENDIX A AND B (PERFORMANCE SPECIFICATIONS). AT LEAST 21 DAYS PRIOR TO THE TEST DATE, THE PERMITTEE SHALL SUBMIT TEST PROTOCOL TO THE DISTRICT FOR APPROVAL. ADDITIONALLY, THE DISTRICT SHALL BE NOTIFIED A MINIMUM OF 21 DAYS PRIOR TO THE TEST SO THAT OBSERVERS MAY BE PRESENT. WITHIN 30 DAYS OF COMPLETION OF THIS TEST, A WRITTEN TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT FOR APPROVAL.
[40 CFR PART 75]
32. THE CEM SHALL BE MAINTAINED AND OPERATED, AND REPORTS SUBMITTED, IN ACCORDANCE WITH THE REQUIREMENTS OF RULE 19.2 SECTIONS (d), (e), (f)(1)(i), (f)(2), (f)(3), (f)(4) AND (f)(5).
[RULE 19.2]
33. THIS UNIT SHALL BE SOURCE TESTED TO DEMONSTRATE COMPLIANCE WITH THE NOX, CO, VOC, AND AMMONIA EMISSION STANDARDS OF THIS PERMIT, USING DISTRICT APPROVED METHODS. THE SOURCE TEST AND THE NOX AND CO RATA TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE RATA FREQUENCY REQUIREMENTS OF 40 CFR 75, APPENDIX B, SECTIONS 2.3.1 AND 2.3.3.
[NSR]
34. THIS EQUIPMENT SHALL BE SOURCE TESTED DURING OIL FIRED OPERATIONS AT LEAST ONCE PER PERMIT YEAR, BEFORE THE PERMIT TO OPERATE RENEWAL DATE, OR AT LEAST ONCE EVERY 300 HOURS OF LIQUID FUEL OPERATION, WHICHEVER IS LESS FREQUENT, TO DEMONSTRATE COMPLIANCE WITH THE OUTLET NOX, CO, VOC, AND AMMONIA EMISSION STANDARDS OF THIS PERMIT, USING DISTRICT APPROVED METHODS, UNLESS OTHERWISE DIRECTED IN WRITING BY THE DISTRICT.
[RULE 69.3.1, NSR]
35. THE SOURCE TEST PROTOCOL REQUIRED TO BE SUBMITTED TO THE DISTRICT 45 DAYS PRIOR TO RENEWAL SOURCE TESTS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - A. MEASUREMENTS OF OUTLET OXIDES OF NITROGEN (NOX), CARBON MONOXIDE (CO), AND STACK GAS OXYGEN CONTENT (O₂%) SHALL BE CONDUCTED IN ACCORDANCE WITH THE DISTRICT SOURCE TEST METHOD 100, OR THE AIR RESOURCES BOARD (ARB) TEST METHOD 100 AS APPROVED BY THE US ENVIRONMENTAL PROTECTION AGENCY (EPA).
 - B. MEASUREMENTS OF OUTLET VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE SAN DIEGO AIR POLLUTION CONTROL DISTRICT METHODS 25A AND/OR 18.
 - C. MEASUREMENTS OF OUTLET AMMONIA SHALL BE CONDUCTED IN ACCORDANCE WITH BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) TEST METHOD ST-1B.
 - D. WHEN OPERATING ON LIQUID FUEL, MEASUREMENTS OF OUTLET PARTICULATE MATTER EMISSIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE SAN DIEGO AIR POLLUTION CONTROL DISTRICT METHOD 5.
 - E. SOURCE TESTING SHALL BE PERFORMED AT OR ABOVE THE NORMAL LOAD LEVEL, AS SPECIFIED IN 40 CFR PART 75 APPENDIX A SECTION 6.5.2.1.D, AND AT NO LESS THAN 80% OF THE UNIT RATED LOAD UNLESS IT IS DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT THAT THE UNIT CANNOT OPERATE UNDER THESE CONDITIONS.
[RULE 69.3.1, NSR]
36. WITHIN 30 DAYS AFTER COMPLETION OF THE RENEWAL SOURCE TEST OR RATA, A FINAL TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL.
[RULE 69.3.1, 40 CFR PART 75, NSR]

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B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

37. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
38. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
[AIR TOXICS HOTS SPOTS]
39. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
40. THE EXHAUST STACK OF THE UNIT SHALL BE EQUIPPED WITH SOURCE TEST PORTS AND A PLATFORM TO ALLOW FOR THE MEASUREMENT AND COLLECTION OF STACK GAS SAMPLES CONSISTENT WITH ALL APPROVED TEST PROTOCOLS. THE PORTS AND THE PLATFORM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SAN DIEGO APCD METHOD 3A APPENDIX FIGURE 2 AND APPROVED BY THE DISTRICT.
[RULE 19]

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THE FOLLOWING IS HEREBY GRANTED A PERMIT TO OPERATE THE ARTICLE, MACHINE, EQUIPMENT OR CONTRIVANCE DESCRIBED BELOW. THIS PERMIT IS NOT TRANSFERABLE TO A NEW OWNER NOR IS IT VALID FOR OPERATION OF THE EQUIPMENT AT ANOTHER LOCATION, EXCEPT FOR PORTABLE EQUIPMENT. RULE 10C REQUIRES THIS PERMIT TO OPERATE OR COPY BE POSTED ON OR WITHIN 25 FEET OF THE EQUIPMENT, OR MAINTAINED READILY AVAILABLE AT ALL TIMES ON THE OPERATING PREMISES. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.

PERMITTEE
WILDFLOWER ENERGY LP/LARKSPUR
AUDUN AUBERG
333 S GRAND AVE # 1570
LOS ANGELES CA 90071-0000

EQUIPMENT ADDRESS
LARKSPUR ENERGY FACILITY

9355 OTAY MESA RD
SAN DIEGO CA 92154-0000

EQUIPMENT DESCRIPTION

ONE (1) GENERAL ELECTRIC 45 MW NOMINALLY RATED MODEL LM 6000 PC SPRINT SIMPLE CYCLE GAS TURBINE WITH A HEAT INPUT RATING OF 395 MM BTU/HR (LHV) WHEN OPERATED ON NATURAL GAS AND 398 MM BTU/HR (LHV) WHEN OPERATED ON LIQUID FUEL, EQUIPPED WITH A WATER INJECTION SYSTEM AND CORMETECH SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM INCLUDING AUTOMATIC AMMONIA INJECTION CONTROL SYSTEM FOR CONTROL OF NOX, CONTINUOUS EMISSIONS MONITORING SYSTEM (CEMS), DATA ACQUISITION AND RECORDING SYSTEMS AND THE OPTION OF AN OXIDATION CATALYST SYSTEM: UNIT 200 (EAST UNIT). THE COMBINED TOTAL ELECTRICAL NOMINAL POWER OUTPUT FROM THE LARKSPUR POWER PLANT, INCLUDING THE POWER FROM UNIT 100 AND UNIT 200 IS 90 MW

EVERY PERSON WHO OWNS OR OPERATES THIS EQUIPMENT IS REQUIRED TO COMPLY WITH THE CONDITIONS LISTED BELOW AND ALL APPLICABLE REQUIREMENTS AND DISTRICT RULES, INCLUDING BUT NOT LIMITED TO RULES 50 AND 51.
FAILURE TO OPERATE IN COMPLIANCE IS A MISDEMEANOR AND IS SUBJECT TO CIVIL AND CRIMINAL PENALTIES.

A. FEDERALLY-ENFORCEABLE AND DISTRICT-ENFORCEABLE CONDITIONS

ADMINISTRATIVE

1. THE PERMITTEE SHALL COMPLY WITH THE FOLLOWING APPLICABLE REQUIREMENTS:
40 CFR PARTS 60, 72, AND 73.
[RULE 1421]
2. PROVIDED THE EQUIPMENT SUBJECT TO THIS PERMIT IS OPERATED IN COMPLIANCE WITH ALL OF THE SECTION (A) CONDITIONS LISTED BELOW AS THEY EXIST ON THE DATE OF ISSUANCE OF THE PERMIT, A PERMIT SHIELD IS GRANTED FROM ENFORCEMENT ACTION FOR THE FOLLOWING APPLICABLE REQUIREMENTS: RULE 53, RULE 62, RULE 68, RULE 69.3, 40 CFR PART 60 SUBPART GG, AND 40 CFR PART 75.
[RULE 1421]
3. ANY VIOLATION OF ANY EMISSION STANDARD AS INDICATED BY THE CEMS SHALL BE REPORTED TO THE DISTRICT WITHIN 96 HOURS AFTER SUCH OCCURRENCE.
[CA HEALTH AND SAFETY CODE]
4. IN THE EVENT OF A BREAKDOWN IN AN AUTOMATIC AMMONIA INJECTION CONTROL SYSTEM, A TRAINED OPERATOR SHALL OPERATE THE SYSTEM MANUALLY AND THE BREAKDOWN SHALL BE REPORTED TO THE DISTRICT COMPLIANCE DIVISION PURSUANT TO RULE 98.
[RULE 98]

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5. ACCESS AND FACILITIES FOR FUEL SAMPLES FROM FUEL TANKS OR FUEL LINES SHALL BE PROVIDED TO DISTRICT PERSONNEL FOR OBTAINING SAMPLES FOR ANALYSIS. RECORDS OF FUEL SPECIFICATIONS, INCLUDING THE MATERIAL SAFETY DATA SHEETS (MSDS) AND THE SULFUR CONTENT GUARANTEE, SHALL BE MADE READILY AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 62]
6. AN APPLICATION FOR MODIFICATION OF DISTRICT PERMITS FOR THIS EQUIPMENT SHALL BE REQUIRED FOR ANY PROPOSED PHYSICAL OR OPERATIONAL MODIFICATION TO THE EQUIPMENT DESCRIBED HEREIN, SUCH AS A MODIFICATION TO CONVERT THIS SIMPLE CYCLE TURBINE TO COMBINED CYCLE UNIT. APPLICABLE BACT REQUIREMENTS FOR THE PROPOSED EQUIPMENT MODIFICATION SHALL BE RE-EVALUATED AT THAT TIME.
[RULE 10]

EMISSION LIMITS/OPERATIONAL LIMITS

FUEL:

7. WHEN OPERATING ON NATURAL GAS, THE UNIT SHALL BE FIRED ON PUBLIC UTILITY COMMISSION (PUC) QUALITY NATURAL GAS ONLY. THE PERMITTEE SHALL MAINTAIN, ON SITE, QUARTERLY RECORDS OF THE NATURAL GAS SULFUR CONTENT (GRAINS OF SULFUR COMPOUNDS PER 100 DSCF OF NATURAL GAS) AND THE HIGHER AND LOWER HEATING VALUES (BTU/SCF) OF THE NATURAL GAS; AND PROVIDE SUCH RECORDS TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 62]
8. ONLY CARB CERTIFIED CALIFORNIA DIESEL FUEL OR AN ALTERNATIVE LIQUID FUEL THAT HAS BEEN APPROVED IN WRITING BY THE DISTRICT WITH A SULFUR CONTENT EQUAL TO OR LESS THAN 0.05% BY WEIGHT MAY BE USED AS A BACKUP FUEL FOR THESE UNITS.
[NSR]
9. LIQUID FUEL SHALL BE USED AS FUEL IN THE UNIT ONLY DURING FORCE MAJEURE NATURAL GAS CURTAILMENTS AS DEFINED IN RULE 69 SECTION (C) SUBSECTION (8) AND TO TEST THE EMERGENCY BACK UP FUEL SYSTEM. TESTING OF THE BACK UP FUEL SYSTEM FOR THE UNIT SHALL BE LIMITED TO 24 HOURS PER CALENDAR YEAR. THE TOTAL CUMULATIVE OPERATION ON LIQUID BACK UP FUEL DURING NATURAL GAS CURTAILMENT PERIODS, AND FOR TESTING OR EMERGENCIES FOR THIS UNIT SHALL NOT EXCEED 680 HOURS PER CALENDAR YEAR.
[NSR]

STARTUP/SHUTDOWN:

10. FOR THE PURPOSES OF THIS PERMIT TO OPERATE, STARTUP PERIOD SHALL BE DEFINED AS THE 30 MINUTE TIME PERIOD STARTING WHEN FUEL FLOW BEGINS. SHUTDOWN PERIOD SHALL BE DEFINED AS THE 30-MINUTE PERIOD PRECEDING THE MOMENT AT WHICH FUEL FLOW CEASES. THE DATA ACQUISITION AND HANDLING SYSTEM (DAHS), AS REQUIRED BY 40 CFR PART 75, SHALL RECORD THESE EVENTS.
[RULE 69.3.1]
11. THE UNIT EXHAUST SHALL NOT BYPASS THE EMISSION CONTROL SCR SYSTEM EXCEPT FOR THE FIRST 10 MINUTES OF A STARTUP WHEN OPERATING ON LIQUID FUEL. THE UNIT EXHAUST SHALL NOT BYPASS THE CEMS AT ANY TIME.
[NSR, RULE 69.3.1]

OXIDES OF NITROGEN:

12. WHEN OPERATING ON NATURAL GAS, EMISSIONS OF OXIDES OF NITROGEN (NOX), CALCULATED AS NITROGEN DIOXIDE, FROM THE UNIT EXHAUST STACK SHALL NOT EXCEED 9 PARTS PER MILLION VOLUME ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN AND AVERAGED OVER EACH CLOCK HOUR AND SHALL NOT EXCEED 5 PPMVD CORRECTED TO 15% OXYGEN AND AVERAGED OVER EACH CONTINUOUS ROLLING 3-HOUR PERIOD. WHEN OPERATING ON LIQUID FUEL, EMISSIONS OF OXIDES OF NITROGEN (NOX),

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CALCULATED AS NITROGEN DIOXIDE, FROM THE UNIT EXHAUST STACK SHALL NOT EXCEED 13 PARTS PER MILLION VOLUME ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN AVERAGED OVER EACH CLOCK HOUR. COMPLIANCE WITH THESE LIMITS SHALL BE DEMONSTRATED CONTINUOUSLY BASED ON CEMS DATA AND BY SOURCE TESTING CALCULATED AS THE AVERAGE OF THREE SUBTESTS. THESE LIMITS SHALL NOT APPLY DURING STARTUP AND SHUTDOWN PERIODS.
[RULE 69.3.1, RULE 69.3, NSR]

13. WHEN OPERATING ON NATURAL GAS, THE NOX MASS EMISSION RATE FROM THE UNIT SHALL NOT EXCEED 8.4 POUNDS PER HOUR OF NITROGEN OXIDES (NOX) CALCULATED AS NITROGEN DIOXIDE AVERAGED OVER EACH CONTINUOUS ROLLING THREE-HOUR PERIOD. WHEN OPERATING ON LIQUID FUEL, THE NOX MASS EMISSION RATE FROM THE UNIT SHALL NOT EXCEED 22.6 POUNDS PER HOUR OF NITROGEN OXIDES (NOX) CALCULATED AS NITROGEN DIOXIDE AND AVERAGED OVER EACH CLOCK HOUR. COMPLIANCE WITH THESE LIMITS SHALL BE DEMONSTRATED CONTINUOUSLY BASED UPON CEMS DATA, AND BASED UPON SOURCE TESTING, CALCULATED AS AN AVERAGE OF THREE SUBTESTS.
[NSR]
14. TOTAL COMBINED OXIDES OF NITROGEN MASS EMISSIONS FROM BOTH UNITS OPERATING AT THIS FACILITY SHALL NOT EQUAL OR EXCEED 50 TONS PER CALENDAR YEAR. THE DAILY NOX MASS EMISSIONS FROM EACH UNIT SHALL BE RECORDED DAILY. THE AGGREGATE NOX MASS EMISSIONS FROM BOTH UNITS FOR EACH CALENDAR MONTH, AND FOR EACH ROLLING 12-MONTH PERIOD, SHALL BE CALCULATED AND RECORDED BY THE 15TH CALENDAR DAY OF THE FOLLOWING MONTH. IN THE EVENT THAT THE 50 TONS PER CALENDAR YEAR EMISSION LIMIT IS PROJECTED TO BE EXCEEDED, THE PERMITTEE SHALL SUBMIT A COMPLETE APPLICATION TO MODIFY THIS PERMIT AT LEAST 6 MONTHS PRIOR TO THE PROJECTED DATE OF EXCEEDANCE, DEMONSTRATING HOW COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS WILL BE ACHIEVED.
[NSR]

CARBON MONOXIDE:

15. EMISSIONS OF CARBON MONOXIDE (CO) FROM THE UNIT EXHAUST STACK SHALL NOT EXCEED 70 PARTS PER MILLION VOLUME ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN AND AVERAGED OVER EACH CLOCK HOUR. COMPLIANCE WITH THIS LIMIT SHALL BE DEMONSTRATED CONTINUOUSLY BASED ON CEMS DATA AND BY SOURCE TESTING CALCULATED AS THE AVERAGE OF THREE SUBTESTS. THIS LIMIT SHALL NOT APPLY DURING STARTUP AND SHUTDOWN PERIODS.
[NSR]
16. TOTAL COMBINED CARBON MONOXIDE (CO) EMISSIONS FROM BOTH UNITS SHALL NOT EQUAL OR EXCEED THE PREVENTION OF SIGNIFICANT DETERIORATION (PSD) THRESHOLD OF 250 TONS PER CALENDAR YEAR. THE DAILY CO MASS EMISSIONS FROM EACH UNIT SHALL BE RECORDED DAILY. THE AGGREGATE CO MASS EMISSIONS FROM BOTH UNITS FOR EACH CALENDAR MONTH, AND FOR EACH ROLLING 12-MONTH PERIOD SHALL BE CALCULATED AND RECORDED MONTHLY BY THE 15TH CALENDAR DAY OF THE FOLLOWING MONTH. IN THE EVENT THAT AN ANNUAL PSD STATIONARY SOURCE THRESHOLD IS PROJECTED TO BE TRIGGERED, THE APPLICANT SHALL SUBMIT A COMPLETE APPLICATION TO MODIFY THIS PERMIT AT LEAST 6 MONTHS PRIOR TO THE PROJECTED DATE OF EXCEEDANCE, DEMONSTRATING HOW COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS WILL BE ACHIEVED.
[NSR]

VOLATILE ORGANIC COMPOUNDS:

17. EMISSIONS OF VOLATILE ORGANIC COMPOUNDS (VOCs), CALCULATED AS METHANE, FROM THE UNIT EXHAUST STACK SHALL NOT EXCEED 2 PARTS PER MILLION ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN. COMPLIANCE WITH THIS LIMIT SHALL BE DEMONSTRATED BY SOURCE TESTING CALCULATED AS THE AVERAGE OF THREE SUBTESTS. THIS LIMIT SHALL NOT APPLY DURING STARTUP AND SHUTDOWN PERIODS
[NSR]

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AMMONIA:

18. AMMONIA EMISSIONS SHALL NOT EXCEED 10 PARTS PER MILLION VOLUME ON A DRY BASIS (PPMVD) CORRECTED TO 15% OXYGEN. COMPLIANCE WITH THIS LIMIT SHALL BE DEMONSTRATED BY SOURCE TESTING CALCULATED AS THE AVERAGE OF THREE SUBTESTS. THIS LIMIT SHALL NOT APPLY DURING STARTUP AND SHUTDOWN PERIODS.
[RULE 1200]

PARTICULATE MATTER:

19. THE DISCHARGE OF PARTICULATE MATTER FROM THE EXHAUST STACK OF THE UNIT SHALL NOT EXCEED 0.10 GRAINS PER DRY STANDARD CUBIC FOOT (0.23 GRAMS/DSCM). THE DISTRICT MAY REQUIRE PERIODIC TESTING WHEN OPERATING ON LIQUID FUEL TO VERIFY COMPLIANCE WITH THIS STANDARD.
[RULE 53]
20. VISIBLE EMISSIONS FROM THE LUBE OIL VENTS AND THE EXHAUST STACK OF THE UNIT SHALL NOT EXCEED 20% OPACITY FOR MORE THAN THREE (3) MINUTES IN ANY PERIOD OF 60 CONSECUTIVE MINUTES.
[RULE 50]

RECORDKEEPING/MONITORING

21. THE UNIT SHALL BE EQUIPPED WITH CONTINUOUS PARAMETRIC MONITORS TO MEASURE, CALCULATE AND TO RECORD THE FOLLOWING OPERATIONAL CHARACTERISTICS:
HOURS OF OPERATION (HOURS),
NATURAL GAS FLOW RATE (SCFH),
LIQUID FUEL FLOW RATE (GAL/HR),
EXHAUST GAS TEMPERATURE (DEG. F),
AMMONIA INJECTION RATE,
WATER INJECTION RATE,
RATIO OF WATER INJECTION RATE TO FUEL CONSUMPTION RATE (LB OF WATER TO LB OF FUEL),
RATIO OF AMMONIA INJECTION RATE TO OUTLET NOX MASS EMISSION RATE (LB OF AMMONIA TO LB OF NOX),
INLET TEMPERATURE OF THE SCR AND OXIDATION CATALYST BEDS (DEG. F), AND
POWER OUTPUT (MW).
THESE MONITORS SHALL BE INSTALLED, CALIBRATED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES AND A PROTOCOL APPROVED BY THE DISTRICT.
[RULE 69.3.1, NSR]
22. WATER INJECTION (FOR NOX CONTROL), AND AMMONIA FLOW METERS SHALL BE INSTALLED AND MAINTAINED TO MEASURE THE FLOW RATE. FLOW METERS SHALL BE CALIBRATED AND MAINTAINED TO BE ACCURATE TO AT LEAST +/-2%. FLOW RATES CALIBRATION REPORTS, CORRECTION FACTORS AND CONSTANTS FOR THE PREVIOUS FIVE YEARS SHALL BE MAINTAINED ON SITE OR AT A DISTRICT-APPROVED ALTERNATE LOCATION AND MADE AVAILABLE TO THE DISTRICT WITHIN 48 HOURS AFTER REQUEST.
[RULE 20.3 AND RULE 69.3.1]
23. NON-RESETTABLE TOTALIZING METERS WITH AN ACCURACY OF AT LEAST +/-2% SHALL BE INSTALLED IN EACH NATURAL GAS FUEL LINE TO MEASURE VOLUMETRIC FLOW RATE CORRECTED FOR TEMPERATURE AND PRESSURE OF NATURAL GAS. NON-RESETTABLE TOTALIZING METERS WITH AN ACCURACY OF AT LEAST +/-2% SHALL BE INSTALLED IN EACH LIQUID FUEL LINE TO MEASURE VOLUMETRIC FLOW RATE OF LIQUID FUEL. FUEL FLOW METERS SHALL MEET THE APPLICABLE QUALITY ASSURANCE REQUIREMENTS OF 40 CFR PART 75, APPENDIX D, SECTION 2.1.6.
[RULE 69.3.1 AND 40 CFR PART 75]

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24. MONTHLY AND ANNUAL RECORDS OF FUEL USAGE SHALL BE MAINTAINED AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. THESE RECORDS SHALL INDICATE ACTUAL TIMES AND DURATION OF ALL STARTUPS, SHUTDOWNS, FUEL CHANGES, QUANTITY OF FUEL USED, AND THE PURPOSE OF FUEL SWITCHES.
[NSR]
25. A CONTINUOUS EMISSION MONITORING SYSTEM (CEMS) SHALL BE INSTALLED AND PROPERLY MAINTAINED AND CALIBRATED IN ACCORDANCE WITH AN APPROVED CEMS PROTOCOL TO MEASURE, CALCULATE AND RECORD THE FOLLOWING, IN ACCORDANCE WITH THE APPROVED CEMS PROTOCOL:
 - A. HOURLY AVERAGE CONCENTRATION OF OXIDES OF NITROGEN (NOX) CORRECTED TO 15% OXYGEN, IN PARTS PER MILLION (PPM);
 - B. HOURLY AVERAGE CONCENTRATION OF CARBON MONOXIDE (CO) CORRECTED TO 15% OXYGEN, IN PARTS PER MILLION (PPM);
 - C. PERCENT OXYGEN (O₂) IN THE EXHAUST GAS (%);
 - D. HOURLY MASS EMISSIONS OF OXIDES OF NITROGEN (NOX), IN POUNDS; AND
 - E. DAILY MASS EMISSION OF CARBON MONOXIDE (CO), IN POUNDS;THE CEMS SHALL BE OPERATED IN ACCORDANCE WITH THE APPROVED CEMS MONITORING PROTOCOL AT ALL TIMES WHEN THE UNIT IS IN OPERATION. A COPY OF THE CEMS MONITORING PROTOCOL SHALL BE MAINTAINED ON SITE AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 69.3.1, NSR]
26. THE DISTRICT SHALL BE NOTIFIED AT LEAST TWO WEEKS PRIOR TO ANY CHANGES MADE IN CEMS SOFTWARE THAT AFFECT THE MEASUREMENT, CALCULATION OR CORRECTION OF DATA DISPLAYED AND/OR RECORDED BY THE CEMS.
[RULE 69.3.1, NSR, 40 CFR PART 75]
27. THE DATA ACQUISITION SYSTEM AND HANDLING SYSTEM (DAHS), AS REQUIRED BY 40 CFR 75, SHALL RECORD THE ACTUAL TIMES AND DURATIONS OF THE FOLLOWING EVENTS: STARTUPS, SHUTDOWNS QUANTITY OF EACH FUEL USED, HOURS OF DAILY OPERATION AND CUMULATIVE HOURS OF OPERATION EACH CALENDAR YEAR.
[40 CFR PART 75]
28. WHEN THE CEMS IS NOT RECORDING DATA AND THE UNIT IS OPERATING, HOURLY NOX EMISSIONS SHALL BE DETERMINED IN ACCORDANCE WITH 40 CFR 75 APPENDIX C. ADDITIONALLY, HOURLY CO EMISSIONS SHALL BE DETERMINED USING THE HOURLY EMISSION RATE RECORDED BY THE CEMS DURING THE MOST RECENT HOURS IN WHICH THE UNIT OPERATED 3 CONTINUOUS HOURS AT NO LESS THAN 80% OF FULL POWER RATING. ALTERNATE CO EMISSION FACTORS SHALL BE DETERMINED FROM COMPLIANCE SOURCE TEST EMISSIONS DATA. THE ALTERNATE HOURLY CO EMISSION RATE SHALL BE REVIEWED AND APPROVED BY THE DISTRICT, IN WRITING.
[NSR]
29. THE OXIDES OF NITROGEN (NOX) AND OXYGEN (O₂) CEMS SHALL BE CERTIFIED AND MAINTAINED IN ACCORDANCE WITH APPLICABLE FEDERAL REGULATIONS INCLUDING THE REQUIREMENTS OF SECTIONS 75.10 AND 75.12 OF TITLE 40, CODE OF FEDERAL REGULATIONS PART 75 (40 CFR 75), THE PERFORMANCE SPECIFICATIONS OF APPENDIX A OF 40 CFR 75, THE QUALITY ASSURANCE PROCEDURES OF APPENDIX B OF 40 CFR 75 AND THE CEMS PROTOCOL APPROVED BY THE DISTRICT. THE CARBON MONOXIDE (CO) CEMS SHALL BE CERTIFIED AND MAINTAINED IN ACCORDANCE WITH 40 CFR 60,
[40 CFR PART 75, RULE 69.3.1]
30. THE AIR POLLUTION CONTROL SYSTEM (WATER INJECTION, IF EQUIPPED WITH WATER INJECTION FOR NOX CONTROL), AND THE AMMONIA INJECTION SYSTEM SERVING THE SCR, SHALL BE IN OPERATION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AT ALL TIMES WHEN THE UNIT IS IN OPERATION EXCEPT DURING STARTUPS AND SHUTDOWNS. ALL MANUFACTURER'S SPECIFICATIONS SHALL BE MAINTAINED ON SITE OR

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AT A DISTRICT-APPROVED ALTERNATE LOCATION AND MADE AVAILABLE TO DISTRICT PERSONNEL WITH 48 HOURS AFTER REQUEST.
[NSR]

31. A RELATIVE ACCURACY TEST AUDIT (RATA) AND ALL OTHER REQUIRED CERTIFICATION TESTS SHALL BE PERFORMED AND COMPLETED ON THE CEMS IN ACCORDANCE WITH 40 CFR PART 75 APPENDIX A AND B (PERFORMANCE SPECIFICATIONS). AT LEAST 21 DAYS PRIOR TO THE TEST DATE, THE PERMITTEE SHALL SUBMIT TEST PROTOCOL TO THE DISTRICT FOR APPROVAL. ADDITIONALLY, THE DISTRICT SHALL BE NOTIFIED A MINIMUM OF 21 DAYS PRIOR TO THE TEST SO THAT OBSERVERS MAY BE PRESENT WITHIN 30 DAYS OF COMPLETION OF THIS TEST, A WRITTEN TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT FOR APPROVAL.
[40 CFR PART 75]
32. THE CEM SHALL BE MAINTAINED AND OPERATED, AND REPORTS SUBMITTED, IN ACCORDANCE WITH THE REQUIREMENTS OF RULE 19.2 SECTIONS (d), (e), (f)(1)(i), (f)(2), (f)(3), (f)(4) AND (f)(5).
[RULE 19.2]
33. THIS UNIT SHALL BE SOURCE TESTED TO DEMONSTRATE COMPLIANCE WITH THE NOX, CO, VOC, AND AMMONIA EMISSION STANDARDS OF THIS PERMIT, USING DISTRICT APPROVED METHODS. THE SOURCE TEST AND THE NOX AND CO RATA TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE RATA FREQUENCY REQUIREMENTS OF 40 CFR 75, APPENDIX B, SECTIONS 2.3.1 AND 2.3.3.
[NSR]
34. THIS EQUIPMENT SHALL BE SOURCE TESTED DURING OIL FIRED OPERATIONS AT LEAST ONCE PER PERMIT YEAR, BEFORE THE PERMIT TO OPERATE RENEWAL DATE, OR AT LEAST ONCE EVERY 300 HOURS OF LIQUID FUEL OPERATION, WHICHEVER IS LESS FREQUENT, TO DEMONSTRATE COMPLIANCE WITH THE OUTLET NOX, CO, VOC, AND AMMONIA EMISSION STANDARDS OF THIS PERMIT, USING DISTRICT APPROVED METHODS, UNLESS OTHERWISE DIRECTED IN WRITING BY THE DISTRICT.
[RULE 69.3.1, NSR]
35. THE SOURCE TEST PROTOCOL REQUIRED TO BE SUBMITTED TO THE DISTRICT 45 DAYS PRIOR TO RENEWAL SOURCE TESTS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:
 - A. MEASUREMENTS OF OUTLET OXIDES OF NITROGEN (NOX), CARBON MONOXIDE (CO), AND STACK GAS OXYGEN CONTENT (O₂%) SHALL BE CONDUCTED IN ACCORDANCE WITH THE DISTRICT SOURCE TEST METHOD 100, OR THE AIR RESOURCES BOARD (ARB) TEST METHOD 100 AS APPROVED BY THE US ENVIRONMENTAL PROTECTION AGENCY (EPA).
 - B. MEASUREMENTS OF OUTLET VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE SAN DIEGO AIR POLLUTION CONTROL DISTRICT METHODS 25A AND/OR 18.
 - C. MEASUREMENTS OF OUTLET AMMONIA SHALL BE CONDUCTED IN ACCORDANCE WITH BAY AREA AIR QUALITY MANAGEMENT DISTRICT (BAAQMD) TEST METHOD ST-1B.
 - D. WHEN OPERATING ON LIQUID FUEL, MEASUREMENTS OF OUTLET PARTICULATE MATTER EMISSIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE SAN DIEGO AIR POLLUTION CONTROL DISTRICT METHOD 5.
 - E. SOURCE TESTING SHALL BE PERFORMED AT OR ABOVE THE NORMAL LOAD LEVEL, AS SPECIFIED IN 40 CFR PART 75 APPENDIX A SECTION 6.5.2.1.D, AND AT NO LESS THAN 80% OF THE UNIT RATED LOAD UNLESS IT IS DEMONSTRATED TO THE SATISFACTION OF THE DISTRICT THAT THE UNIT CANNOT OPERATE UNDER THESE CONDITIONS.
[RULE 69.3.1, NSR]
36. WITHIN 30 DAYS AFTER COMPLETION OF THE RENEWAL SOURCE TEST OR RATA, A FINAL TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL.
[RULE 69.3.1, 40 CFR PART 75, NSR]

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B. DISTRICT-ONLY--ENFORCEABLE CONDITIONS

37. ACCESS, FACILITIES, UTILITIES AND ANY NECESSARY SAFETY EQUIPMENT FOR SOURCE TESTING AND INSPECTION SHALL BE PROVIDED UPON REQUEST OF THE AIR POLLUTION CONTROL DISTRICT.
38. THE PERMITTEE, SHALL UPON DETERMINATION OF APPLICABILITY AND WRITTEN NOTIFICATION BY THE DISTRICT, COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE AIR TOXICS 'HOT SPOTS' INFORMATION AND ASSESSMENT ACT (CALIFORNIA HEALTH AND SAFETY CODE SECTION 44300 ET. SEQ.).
[AIR TOXICS HOTS SPOTS]
39. THIS AIR POLLUTION CONTROL DISTRICT PERMIT DOES NOT RELIEVE THE HOLDER FROM OBTAINING PERMITS OR AUTHORIZATION REQUIRED BY OTHER GOVERNMENTAL AGENCIES.
40. THE EXHAUST STACK OF THE UNIT SHALL BE EQUIPPED WITH SOURCE TEST PORTS AND A PLATFORM TO ALLOW FOR THE MEASUREMENT AND COLLECTION OF STACK GAS SAMPLES CONSISTENT WITH ALL APPROVED TEST PROTOCOLS. THE PORTS AND THE PLATFORM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SAN DIEGO APCD METHOD 3A APPENDIX FIGURE 2 AND APPROVED BY THE DISTRICT.
[RULE 19]

APPENDIX B. RULE REFERENCE TABLE (LAST UPDATED 06/14/11)

Rule Citation ¹	RULE TITLE	A/R ²	District Adoption Date ³	SIP FR Approval Date
	REGULATION I - GENERAL PROVISIONS			
1	Title	F	04/30/80	09/28/81
2	Definitions	F	06/30/99	02/03/00 ⁴
4	Review of Rules	F	01/01/70 [†]	09/22/72
5	Authority to Arrest	F	03/24/76 [†]	05/11/77
	REGULATION II - PERMITS			
10	Permits Required	F	07/25/95	03/11/98
10.1 ^{††}	NSPS & NESHAPS Requirements	D	11/8/76	N/A
11	Exemptions	F	09/20/78	07/06/82
11	Exemptions from Rule 10 Permit Requirements	D/F	04/25/07	Pending
12	Registration of Specified Equipment	D	11/15/00	N/A
12.1	Portable Equipment Registration	D	05/21/97	N/A
14	Applications	F	04/30/80	09/28/81
15	Permit Process - Public Notifications	D/F	09/18/90	Pending
17	Cancellation of Applications	F	11/25/81	03/11/98
18	Action on Applications	F	01/17/72	09/22/72
18	Action on Applications	D/F	09/18/90	Pending
19	Provision of Sampling and Testing Facilities	F	04/06/93	03/11/98
19.1 ^{††}	NSPS & NESHAPS Provision of Sampling and Testing Facilities Requirements	D	11/08/76	N/A
19.2	Continuous Emission Monitoring Requirements	F	12/13/78	09/28/81
19.3	Emission Information	F	5/15/96	03/09/00
20	Standards for Granting Applications	F	01/17/72	09/22/72
20	Standards for Granting Permits	D/F	06/10/86	Pending
20.1	Definitions, Emission Calculations, Emission Offsets and Banking, Exemptions, and Other Requirements	F	07/05/79	04/14/81
20.1	NSR - General Provisions	D/F	11/04/98	Pending
20.2	Standards for Authority to Construct - Best Available Air Pollution Control Technology	F	07/05/79	04/14/81
20.2	NSR - Non-major Stationary Sources	D/F	11/04/98	Pending

1. Rule Citations marked with an “††” contain no substantive requirements and are listed for informational purposes only.
2. ‘A/R’ Denotes enforceability of the listed applicable requirement as follows:
‘F’ Denotes a Federal applicable requirement that is federally enforceable and District enforceable.
‘D/F’ Denotes a District applicable requirement which is pending SIP approval. When such a rule receives SIP approval, it supersedes the existing SIP rule and becomes the Federal applicable requirement.
‘D’ Denotes a District only applicable requirement. This may include some state requirements that are enforceable by the District.
3. District adoption dates marked with an “+” are the effective date of the rule, the actual adoption date is uncertain.
4. On September 17, 2010, EPA approved the District’s November, 4, 2009, revision to the table of exempt compounds in Rule 2, which can be administratively amended without Board action to amend the rule.

20.3	Standards for Authority to Construct - Air Quality Analysis	F	07/05/79	04/14/81
20.3	NSR - Major Stationary Source and PSD Stationary Source	D/F	11/04/98	Pending
20.4	Standards for Authority to Construct - Major Stationary Sources	F	07/05/79	04/14/81
20.4	NSR - Portable Emission Units	D/F	11/04/98	Pending
20.5	Power Plants	F	07/05/79	04/14/81
20.6	Standards for Permit to Operate - Air Quality Analysis	F	07/05/79	04/14/81
20.6	Standards for Permit to Operate Air Quality Analysis	D/F	12/15/87	Pending
20.8	Special Offset Requirement Relating to Banking	D	2/16/83	N/A
21	Permit Conditions	F	11/29/94	03/11/98
22	Denial of Applications	F	01/01/69 [†]	09/22/72
23	Further Information	F	01/01/69 [†]	09/22/72
24	Temporary Permit to Operate	F	03/20/96	10/24/08
25	Appeals	F	01/01/69 [†]	09/22/72
25	Appeals	D/F	06/21/00	Pending
26.0	Banking of Emission Reduction Credits (ERCs) - General Requirements	D/F	10/22/97	Pending
26.1	Standards for Granting Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.2	Use of Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.3	Reclassification of Class B Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.4	Permanency of Banked Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.5	Transfer of Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.6	District Banking of Emission Reduction Credits (ERCs)	D/F	10/22/97	Pending
26.7	Shutdown and Related Emission Unit	D/F	10/22/97	Pending
26.8	Banking of Limited Emission Reductions	D/F	10/22/97	Pending
26.9	Emission Reduction Credit Certificates and The Emission Reduction Credit Register	D/F	10/22/97	Pending
26.10	Banking For BRAC Military Base Closure or Realignment Actions	D/F	10/22/97	Pending
27	Banking of Mobile Source Emission Reduction Credits	D/F	11/29/94	Pending
27.1	Federal Requirements for San Diego County APCD Alternative Mobile Source Emission Reduction Program Approved On 9/8/2000	F	08/06/08	06/03/09
	REGULATIONS III - FEES			
40	Permit Fees	D	8/13/03	N/A
42	Hearing Board Fees	D	06/21/00	N/A
44	Technical Reports, Charges for	D	12/7/83	N/A
	REGULATIONS IV - PROHIBITIONS			
50	Visible Emissions	F	08/13/97	12/7/98
50.1 ^{††}	NSPS & NESHAPS Visible Emissions Requirements	D	11/08/76	N/A
51	Nuisance	F	01/01/69 [†]	09/22/72
52	Particular Matter	F	01/22/97	12/9/98
52.1 ^{††}	NSPS & NESHAPS Particular Matter Requirements	D	11/08/76	N/A
53	Specific Contaminants	F	01/22/97	12/9/98
53.1	Scavenger Plants	F	01/01/69 [†]	09/22/72
53.2 ^{††}	NSPS & NESHAPS Specific Contaminants Requirements	D	11/08/76	N/A

54	Dusts and Fumes	F	01/22/97	12/9/98
54.1	NSPS & NESHAP Dust and Fumes Requirement	D	11/08/76	N/A
58	Incinerator Burning	F	01/17/73 [†]	05/11/77
59	Control of Waste Disposal - Site Emissions	D	11/03/87	Withdrawn
59.1	Municipal Solid Waste Landfills	D	06/17/98	N/A
60	Circumvention	F	05/17/94	03/09/00
60.2	Limiting Potential to Emit - Synthetic Minor Sources	D	08/13/03	N/A
61.0	Definitions Pertaining to the Storage & Handling of Organic Compounds	F	10/16/90	09/13/93
61.1	Receiving & Storing Volatile Organic Compounds at Bulk Plants & Bulk Terminals	F	01/10/95	08/08/95
61.2	Transfer of Volatile Organic Compounds into Mobile Transport Tanks	F	07/26/00	08/26/03
61.3	Transfer of Volatile Organic Compounds into Stationary Storage Tanks	F	10/16/90	06/30/93
61.3.1	Transfer of Gasoline into Stationary Underground Storage Tanks	D	03/01/06	N/A
61.4	Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks	F	10/16/90	05/13/93
61.4	Transfer of Volatile Organic Compounds into Vehicle Fuel Tanks	D/F	03/26/08	Pending
61.4.1	Transfer of Gasoline from Stationary Underground Storage Tanks into Vehicles Fuel Tanks	D	03/01/06	N/A
61.5	Visible Emission Standards for Vapor Control Systems	F	09/20/78 [†]	04/14/81
61.6	NSPS Requirements for Storage of Volatile Organic Compounds	D	01/13/87	Withdrawn
61.7	Spillage and Leakage of Volatile Organic Compounds	F	01/13/87	03/11/98
61.8	Certification Requirements for Vapor Control Equipment	F	01/13/87	03/11/98
62	Sulfur Content of Fuels	F	10/21/81	07/06/82
62.1 ^{††}	NSPS Requirements for Sulfur Content of Fuels	D	11/08/76	N/A
64	Reduction of Animal Matter	F	07/22/81	07/06/82
66	Organic Solvents	F	07/25/95	08/11/98
66.1	Miscellaneous Surface Coating Operations and Other Processes Emitting VOCs	D/F	2/24/10	Pending
67.0	Architectural Coatings	F	05/15/96	03/27/97
67.0	Architectural Coatings	D/F	12/12/01	Pending
67.1	Alternative Emission Control Plans	F	05/15/96	03/27/97
67.2	Dry Cleaning Equipment Using Petroleum - Based Solvent	F	05/15/96	03/27/97
67.3	Metal Parts and Products Coating Operations	F	05/15/96	03/27/97
67.4	Metal Container, Metal Closure and Metal Coil Coating Operations	F	05/15/96	11/03/97
67.5	Paper, Film and Fabric Coating Operations	F	05/15/96	03/27/97
67.6.1	Cold Solvent Cleaning and Stripping Operations	F	5/23/07	10/13/09
67.6.2	Vapor Degreasing Operations	F	5/23/07	10/13/09
67.7	Cutback and Emulsified Asphalts	F	05/15/96	03/27/97
67.9	Aerospace Coating Operations	F	04/30/97	08/17/98
67.10	Kelp Processing and Bio-Polymer Manufacturing	F	06/25/97	06/22/98
67.11	Wood Parts and Products Coating Operations	D/F	09/25/02	Pending

67.11.1	Large Coating Operations for Wood Products	F	09/25/02	06/05/03
67.12	Polyester Resin Operations	F	05/15/96	03/27/97
67.15	Pharmaceutical and Cosmetic Manufacturing Operations	F	05/15/96	03/27/97
67.16	Graphic Arts Operations	F	05/15/96	03/27/97
67.17	Storage of Materials Containing Volatile Organic Compounds	F	05/15/96	03/27/97
67.18	Marine Coating Operations	F	05/15/96	03/27/97
67.19	Coating and Printing Inks Manufacturing Operations	F	05/15/96	01/19/00
67.20	Motor Vehicle & Mobile Equipment Refinishing Operations	D	11/13/96	N/A
67.20.1	Motor Vehicle and Mobile Equipment Coating Operations	D	06/30/10	N/A
67.21	Adhesive Material Application Operations	D	12/16/98	N/A
67.22	Expandable Polystyrene Foam Products Manufacturing Operations	D	05/15/96	N/A
67.24	Bakery Ovens	F	05/15/96	03/27/97
68	Fuel-Burning Equipment – Oxides of Nitrogen	F	09/20/94	04/09/96
68.1 ^{††}	NSPS Requirements for Oxides of Nitrogen from Fuel-Burning Equipment	D	11/08/76	N/A
69	Electrical Generating Steam Boilers, Replacement Units & New Units	D	12/12/95	N/A
69.2	Industrial & Commercial Boilers, Process Heaters & Steam Generators	F	09/27/94	02/09/96
69.2.1	Small Boilers, Process Heaters and Steam Generators	D	03/25/10	N/A
69.3	Stationary Gas Turbine Engines	F	09/27/94	06/17/97
69.3	Stationary Gas Turbine Engines – RACT	D/F	12/16/98	Pending
69.3.1	Stationary Gas Turbine Engines – BARCT	D	12/16/98	N/A
69.4	Stationary Internal Combustion Engines	F	09/27/94	01/22/97
69.4	Stationary Internal Combustion Engines – RACT	D/F	07/30/03	2/25/04
69.4.1	Stationary Internal Combustion Engines - BARCT	D	11/15/00	N/A
69.5	Natural Gas-Fired Water Heaters	D	06/17/98	N/A
69.6	Natural Gas-Fired Fan-Type Central Furnaces	D	06/17/98	N/A
70	Orchard Heaters	F	01/17/72	09/22/72
71	Abrasive Blasting	F	03/30/77	08/31/78
	REGULATION V - PROCEDURES BEFORE THE HEARING BOARD			
75	Procedure Before the Hearing Board	D/F	09/17/85	Pending
75.1 ^{††}	NSPS & NESHAPS Variance Procedures	D	09/17/85	7/30/79
97	Emergency Variance	D/F	07/25/95	Pending
98	Breakdown Conditions: Emergency Variance	D	07/25/95	Withdrawn
	REGULATION VI - BURNING CONTROL			
101–112	Burning Control	F	09/25/02	04/30/03
	REGULATION VII - VALIDITY AND EFFECTIVE DATE			
140	Validity	F	01/01/69 [†]	09/22/72
141	Effective Date	F	01/01/69 [†]	09/22/72

REGULATION VIII - SAN DIEGO AIR POLLUTION EMERGENCY PLAN				
126	Applicability	F	05/25/77	08/31/78
127	Episode Criteria Levels	F	09/17/91	03/18/99
128	Episode Declaration	F	09/17/91	03/18/99
129	Episode Termination	F	05/25/77	08/31/78
130	Episode Actions	F	09/17/91	03/18/99
131	Stationary Source Curtailment Plan	F	04/01/81	06/21/82
132	Traffic Abatement Plan	F	04/01/81	06/21/82
132	Traffic Abatement Plan	D/F	12/17/97	Pending
133	Schools	F	05/25/77	08/31/78
134	Source Inspection	F	04/01/81	06/21/82
135	Air Monitoring Stations	F	05/25/77	08/31/78
136	Interdistrict and Interbasin Coordination	F	05/25/77	08/31/78
137	Emergency Action Committee	F	05/25/77	08/31/78
138	Procedures and Plans	F	05/25/77	08/31/78
	APPENDIX A - Persons to be Notified on Episode Declaration	F		
REGULATION IX - PUBLIC RECORDS				
175	General	F	05/22/74 [†]	05/11/77
176	Information Supplied to District	F	05/22/74 [†]	05/11/77
177	Inspection of Public Records	F	03/30/77	08/31/78
177	Inspection of Public Records	D/F	06/20/01	Pending
REGULATION XII - TOXIC AIR CONTAMINANTS				
1200	Toxic Air Contaminants - New Source Review	D	06/12/96	N/A
1202	Hexavalent Chromium - Cooling Towers	D	07/25/95	N/A
1203	Ethylene Oxide Sterilizers and Aerators	D	07/26/00	N/A
1205	Control of Dioxins Emissions from Medical Waste Incinerators	D	01/01/94	N/A
1210	Toxic Air Contaminant Public Health Risks - Public Notification and Risk Reduction	D	06/12/96	N/A

REGULATION XIV - TITLE V OPERATING PERMITS				
1401	General Provisions	F	05/23/01	02/27/04
1410	Permit Required	F	05/23/01	02/27/04
1411	Exemption from Permit to Operate for Insignificant Units	F	01/18/94	11/30/01
1412	Federal Acid Rain Program Requirements	F	01/18/94	11/30/01
1413	Early Reduction of Hazardous Air Pollutants	F	03/07/95	11/30/01
1414	Applications	F	03/07/95	11/30/01
1415	Permit Process-Public Notification	F	05/23/01	02/27/04
1417	Pendency & Cancellation of Applications	F	03/07/95	11/30/01
1418	Action on Applications	F	03/07/95	11/30/01
1419	Provisions of Sampling & Testing Facilities & Emission Information	F	03/07/95	11/30/01
1420	Standards for Granting Permits	F	03/07/95	11/30/01
1421	Permit Conditions	F	03/07/95	02/27/04
1422	Denial or Cancellation Of Applications	F	03/07/95	11/30/01
1423	Further Information	F	01/18/94	11/30/01
1424	Applications Deemed Denied	F	01/18/94	11/30/01
1425	Appeals & Judicial Review	F	03/07/95	02/27/04
	APPENDIX A - Insignificant Units	F	01/18/94	11/30/01
	APPENDIX A - Insignificant Units	F	05/23/01	11/30/01
	REGULATION XV - FEDERAL CONFORMITY			
1501	Conformity of General Federal Actions	F	03/07/95	04/23/99

The following NSPS and NESHAP have been adopted locally by the District. EPA has granted the District delegation for each of these rules. Therefore, these rules, as adopted by the District are the federally applicable requirements. For all other NSPS and NESHAP, the versions cited in the CFR are the federally applicable requirements.

Subpart & Citation	RULE TITLE	District Adoption Date	Federal Delegation Date
Part 60	REGULATION X - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES		
A	General Provisions	Unknown 11/03/92	11/08/76
E	Standards of Performance for Incinerators	Unknown	03/30/77
I	Standards of Performance for Asphalt Concrete Plants	Unknown 01/13/87	11/08/76
L	Standards of Performance for Secondary Lead Smelters	Unknown	11/08/76
M	Standards of Performance for Secondary Brass and Bronze Ingot Production Plants	Unknown 09/17/85*	03/30/77
O	Standards of Performance for Sewage Treatment Plants	01/13/87	09/17/87
DD	Standards of Performance for Grain Elevators	Unknown	05/24/82
EE	Standards of Performance for Surface Coating Metal Furniture	03/04/86 11/03/92	03/19/87
QQ	Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing	08/24/83	12/22/83
RR	Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations	09/17/86 11/03/92	03/19/87
SS	Standards of Performance for the Industrial Surface Coating Large Appliances	02/22/84 11/03/92*	04/24/84
TT	Standards of Performance for Metal Coil Surface Coating	02/22/84 11/03/92*	04/24/84
BBB	Standards of Performance for the Rubber Tire Manufacturing Industry	03/14/89	07/18/89
FFF	Standards of Performance for Flexible Vinyl and Urethane Coating and Printing	09/17/86	03/19/87
JJJ	Standards of Performance for Petroleum Dry Cleaners	12/15/87	07/18/89
Part 61	REGULATION XI- NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS)		
A	General Provisions	01/13/87	05/24/82
C	National Emission Standard for Beryllium	Unknown	11/08/76
D	National Emission Standard for Beryllium Rocket Motor Firing	Unknown	11/08/76
E	National Emission Standard for Mercury	03/27/90	05/17/91
F	National Emission Standard for Vinyl Chloride	08/17/77 06/16/78	11/21/77
M	National Emission Standard for Asbestos	06/04/85 02/01/95	07/18/89

The following ATCM and NESHAP have not been adopted by the District, but are being implemented and enforced by the District as ATCM's.

Subpart & Citation	RULE TITLE	A/R	Most Recent Adoption Date
DISTRICT RULES AND REGULATIONS APPENDIX A - CALIFORNIA AIRBORNE TOXIC CONTROL MEASURES (ATCM)			
17 CCR § 93102	Hexavalent Chromium ATCM for Chrome Plating & Chromic Acid Anodizing Operations	D/F	12/7/06
17 CCR § 93109	ATCM For Emissions of Perchloroethylene From Dry Cleaning Operations	F	01/25/07
17 CCR § 93101.5	ATCM to Reduce Emissions of Hexavalent Chromium and Nickel from Thermal Spraying	D	09/30/05
17 CCR § 93105	ATCM for Construction, Grading, Quarrying, and Surface Mining Operations	D	07/26/01
17 CCR § 93106	Asbestos ATCM for Surface Applications	D	07/20/00
17 CCR § 93107	ATCM For Emissions of Toxic Metals From Non-Ferrous Metal Melting	D	01/14/93
17 CCR § 93111	ATCM for Emissions of Chlorinated Toxic Air Contaminants from Automotive Maintenance & Repair Activities	D	04/27/00
17 CCR § 93112	ATCM for Emissions of Hexavalent Chromium and Cadmium from Motor Vehicle and Motor Equipment Coatings	D	09/20/01
17 CCR § 93113	ATCM to Reduce Emissions of Toxic Air Contaminants from Outdoor Residential Waste Burning	D	02/03/03
17 CCR § 93115	ATCM for Stationary Compression Ignition Engines	D	05/19/11
17 CCR § 93116	ATCM for Portable Diesel-Fueled Engines	D	02/19/11
DISTRICT RULES AND REGULATIONS APPENDIX B - NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES			
Part 63			
A	General Provisions	F	05/16/07
N	Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	F	04/20/06
O	Ethylene Oxide Sterilization Facilities	F	12/28/07
R	Gasoline Distribution	F	01/24/11
T	Halogenated Solvent Cleaning	F	09/08/00
DD	Off-site Waste & Recovery Operations	F	07/20/99
GG	Aerospace Manufacturing and Rework Facilities	F	12/08/00
II	Shipbuilding and Ship Repair (Surface Coating)	F	12/15/95
JJ	Wood Furniture Manufacturing Operations	F	12/28/98
VVV	Publicly Owned Treatment Works	F	10/21/02
AAAA	Municipal Solid Waste Landfills	F	01/16/03
EEEE	Organic Liquids Distribution (non-gasoline)	F	07/17/08
MMMM	Surface Coating of Miscellaneous Metal Parts and Products	F	04/26/04
PPPP	Plastic Parts (surface coating)	F	04/24/07
SSSS	Surface Coating of Metal Coil	F	03/17/03
VVVV	Boat Manufacturing	F	08/22/01
WWWW	Reinforced Plastic Composites Production	F	8/25/05
YYYY	Stationary Combustion Turbines	F	08/18/04

ZZZZ	Stationary Reciprocating Internal Combustion Engines	F	03/09/11
DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	F	05/18/11
GGGGG	Site Remediation	F	11/29/06
HHHHH	Miscellaneous Coating Manufacturing	F	10/04/06
PPPPP	Engine Test Cells/Stand	F	08/28/03
WWWWW	Hospital Ethylene Oxide Sterilizers Area Sources	F	12/28/07
BBBBBB	Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	F	01/24/11
CCCCC	Gasoline Dispensing Facilities	F	01/24/11
HHHHHH	Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources	F	01/09/08
QQQQQQ	Wood Preserving Area Sources	F	07/16/07
VVVVVV	Chemical Manufacturing Area Sources	F	11/29/09
WWWWW	Plating and Polishing Operations Area Sources	F	07/01/08
XXXXXX	Metal Fabrication and Finishing Area Sources	F	7/23/08
AAAAAAA	Asphalt Processing and Asphalt Roofing Manufacturing Area Sources	F	12/02/09
CCCCCCC	Paint and Allied Products Manufacture Area Sources	F	12/03/09

The following NSPS have been adopted by the District by reference. The rules listed below are the CFR versions of these rules which are federally applicable requirements.

Subpart & Citation	RULE TITLE	Latest EPA Promulgation Date	District Adoption Date	Delegation Date
Part 60	DISTRICT RULES AND REGULATIONS APPENDIX C - STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES (NSPS)			
D	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971	10/17/00 01/28/09	10/17/01 06/24/09	01/03/08 Pending
Da	Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	06/11/01 01/28/09	10/17/01 06/24/09	01/03/08 Pending
Db	Standards of Performance for Industrial-Commercial - Institutional Steam Generating Units	10/01/01 01/28/09	04/25/01 06/24/09	01/03/08 Pending
Dc	Standards of Performance for Small Industrial-Commercial -Institutional Steam Generating Units	05/08/96 01/28/09	08/13/97 06/24/09	06/24/98 Pending
GG	Standards of Performance for Stationary Gas Turbines	06/27/89 02/24/06	10/17/01 02/25/09	01/03/08 Pending
K	Standards of Performance for Storage Vessels for Petroleum Liquids Construct After June 11, 1973 and Prior to May 19, 1978	10/17/00	06/20/07	01/03/08
Ka	Standards of Performance for Storage Vessels for Petroleum Liquids Construction after May 18, 1978	12/14/00	06/20/07	01/03/08
Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984	10/15/03	06/20/07	01/03/08
AAA	Standards of Performance for New Residential Wood Heaters	06/12/99 10/17/00	04/12/00 N/A	01/03/08 N/A
OOO	Standards of Performance for Nonmetallic Mineral Processing Plants	06/09/97 10/17/00	04/28/99 N/A	05/28/02 N/A
UUU	Standards of Performance for Calciners and Dryers in Mineral Industries	07/29/93 10/17/00	11/17/99 N/A	05/28/02 N/A
VVV	Standards for Polymeric Coating of Supporting Substrates Facilities	09/11/89	05/23/07	01/03/08
WWW	Standards of Performance for Municipal Solid Waste Landfills	04/10/00	08/13/97	06/24/98
AAAA	Standards of Performance for Small Municipal Waste Combustion Units	12/06/00	06/20/07	01/03/08
CCCC	Standards of Performance for Commercial and Industrial Solid Waste Incineration Units	12/01/00	06/20/07	01/03/08
EEEE	Standards of Performance for Other Solid Waste Incineration Units	12/16/05	06/20/07	01/03/08
KKKK	Standards of Performance for Stationary Combustion Turbines	07/06/06	02/25/09	06/01/09

The following NSPS have not been adopted by the District and are not delegated to the District. However, the District has the authority to enforce the NSPS through the Title V program. The rules listed below are the CFR versions of these rules, which are federally applicable requirements.

Subpart & Citation	RULE TITLE	Latest EPA Promulgation Date	District Adoption Date	Delegation Date
Part 60				
III	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	07/11/06	N/A	N/A
JJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	01/18/08	N/A	N/A

APPENDIX C: ABBREVIATIONS

LIST OF ABBREVIATIONS USED IN THIS PERMIT

APCO	Air Pollution Control Officer
ASTM	American Society for Testing and Methods
BACT	Best Available Control Technology
CAA	federal Clean Air Act
CFR	Code of Federal Regulations
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
District	San Diego County Air Pollution Control District
EF	Emission Factor
EPA	US Environmental Protection Agency
HAP	Hazardous Air Pollutant
I&M	Inspection and Maintenance
NESHAP	National Emission Standard for Hazardous Air Pollutants
NSPS	New Source Performance Standards
NSR	New Source Review
[NSR]	New Source Review based condition
NO _x	Oxides of nitrogen
O ₂	Oxygen
OES	Office of Environmental Services
O&M	Operation and maintenance
Pb	Lead
PM	Total Particulate Matter
PM ₁₀	Particulate matter with aerodynamic equivalent diameter of ≤ 10 microns
PSD	Prevention of Significant Deterioration
RMP	Risk Management Plan
SDCAPCD	San Diego County Air Pollution Control District
SIP	State Implementation Plan
SO _x	Oxides of sulfur
Title IV	Title IV of the federal Clean Air Act
Title V	Title V of the federal Clean Air Act
VOC	Volatile organic compound
Units of Measure:	
dscf	= Dry standard cubic foot
g	= grams
gal	= gallon
gr/dscf	= Grains per dry standard cubic foot
hr	= hour
lb	= pound
in	= inches
max	= maximum
min	= minute
MM Btu	= Million British thermal units

psia = pounds per square inch, absolute
scf = Standard cubic foot
scfm = standard cubic feet per minute
yr = year

APPENDIX D: TITLE IV PERMIT

Acid Rain Permit (Title IV)

Issued to: Diamond Generating Corporation

Operated by: Wildflower Energy LP/Larkspur

ORIS Code: 55542

Effective: June 14, 2011

1) Statement of Basis

Statutory and Regulatory Authorities: In accordance with District Regulation XIV and Titles IV and V of the federal Clean Air Act, the San Diego County Air Pollution Control District issues this permit pursuant to Regulation XIV.

2) SO₂ Allowance Allocations for Each Affected Unit

If the number of allowances allocated to a Phase II unit identified below is revised by EPA, this permit does not need to be reopened to revise the unit SO₂ allowance allocations.

		2010	2011	2012	2013	2014	2015
Permit No. 976094	SO ₂ annual allowances (tons) pursuant to 40 CFR part 73	NA	NA	NA	NA	NA	NA
Permit No. 976138	SO ₂ annual allowances (tons) pursuant to 40 CFR part 73	NA	NA	NA	NA	NA	NA

3) Comments, Notes and Justifications

No NO_x limit was included in Section 2 because none of the units are affected units subject to 40 CFR part 76.

Robert Kard
Air Pollution Control Officer
San Diego County Air Pollution Control District
San Diego, CA 92131
(858) 586-2600
(858) 586-2601 - Fax

Title V Permit Renewal Application
Wildflower Energy Larkspur

APPENDIX D – COPY OF PERMIT RENEWAL FEE ESTIMATE

SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT

APPLICATION FEE ESTIMATE

Applicant DBA: Wild Flower Energy (Larkspur) Fee Schedule: _____

APCD Engineer: Doug Erwin Estimate Date: 2/17/2015

Application: Title V- Renewal
Yorke Engineering on behalf of Wild Flower Energy

ACTIVITY	LABOR CODE	CLASSIFICATION	LABOR HOURS	LABOR RATE	COST	SUBTOTAL
TV	EG3	Associate Engineer		\$150		
	EG4	Senior Engineer	18	\$177	\$3,186	
	EG2	Assistant Engineer		\$131		
P/O	EG3	Associate Engineer		\$150		
	EG4	Senior Engineer		\$177		
		(fixed fee)			\$3,186	\$3,186

NSR	EG3	Associate Engineer		\$150		
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HRA	EG3	Associate Engineer		\$150		
	MET3	Associate Meteorologist		\$101		

*A C E fee				\$116		
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IT Fees	ITA			\$13		
	ITP			\$13		
	ITE			\$3		

Deficit	EG3	Associate Engineer		\$150		
	CH3	Associate Chemist		\$99		
	ST1	Source Test Technician		\$76		
		Non-refundable Base Fee	1	\$95	\$95	\$95

Renewal Fee						
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Notes: _____

* ACE fee is the Air Contaminant Emissions Fee

Work records are kept, which may result in a final fee more or less than this estimate.

ESTIMATE TOTAL: \$3,281