South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

September 2, 2011

Mr. Gerardo Rios
Chief - Permit Office
US EPA, Region IX Air 3
75 Hawthorne Street
San Francisco, CA 94105

Dear Mr. Rios:

Subject: Transmittal of Proposed Title V Renewal Permit
Southern California Gas Company/Playa Del Rey Storage Facility ID 8582

Enclosed are the proposed Title V renewal permit, permit summary, statement of basis, public notice, and the permit evaluation for Southern California Gas Company/Playa Del Rey Storage Facility, located at 8141 Gulana Avenue, Los Angeles, CA 90293. This proposed Title V renewal permit also incorporates the conversion of Permits to Construct for the natural gas dehydration system (Application Number 391138) and the heater (Application Number 391136) to Permits to Operate.

With your receipt of the proposed Title V renewal permit, we will note that the EPA's 45-day review period will begin on September 2, 2011.

If you have any questions concerning the proposed Title V renewal permit, please contact Mr. Marcel Saulis, Air Quality Engineer, at (909) 396-3093 or by e-mail at msaulis@aqmd.gov.

Sincerely,

Brian L. Yeh
Senior Manager
Engineering and Compliance

BLY:AYL:JTY:MS

Enclosures:

Proposed Title V Renewal Permit
Permit Summary
Statement of Basis
Public Notice

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF PROPOSED TITLE V RENEWAL PERMIT

The South Coast Air Quality Management District (AQMD) is proposing to renew the existing Title V permit that was previously issued to the following facility:

Southern California Gas Company/Playa Del Rey Storage Facility
8141 Gulana Avenue
Playa Del Rey, CA 90293
Facility ID# 8582

Contact Person:

Charles Soares
Principal Environmental Specialist
8141 Gulana Avenue
Playa Del Rey, CA 90293

This is an existing facility applying for a Title V permit renewal. This natural gas storage facility operates engines, a dehydration system, crude oil loading arm, gas odorizing equipment, crude oil storage tanks, oil/water/gas separation system, a heater, and an incinerator for VOC control. Emissions are controlled by the incinerator and vapor recovery system.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, the above facility has submitted a Title V renewal application and requested the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The proposed permit is available for public review at AQMD, 21865 Copley Dr., Diamond Bar, CA 91765 and at the Playa Vista Branch Library, 6400 Playa Vista Dr., Los Angeles, CA 90094. Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the AQMD based on credible information, is also available from the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to:

South Coast Air Quality Management District
Mechanical, Chemical, and Public Services Team
21865 Copley Drive
Diamond Bar, CA 91765
Attention: Marcel Saulis

Comments must be received by October 8, 2011. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Marcel Saulis at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. A public hearing request form and the public hearing schedule may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the internet at *http://www.aqmd.gov/titlev*. The request for a public hearing is due by September 23, 2011. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.

South Coast Air Quality Management District

Statement of Basis

Proposed Renewal of Title V Permit

Facility Name:	Southern California Gas Company/Playa Del Rey Storage Facility
Facility ID:	8582
NAICS Code:	486210
Equipment Location:	8141 Gulana Avenue, Playa Del Rey, CA 90293
Application #(s):	449107
Application Submittal Date(s):	9/28/05
AQMD Contact Person:	Marcel Saulis, Air Quality Engineer
Phone Number:	(909) 396-3093
E-Mail Address:	msaulis@aqmd.gov

1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. This permit replaces the facility's other existing permits. Title V does not necessarily include any new requirements for reducing emissions. It does, however, include new permitting, noticing, recordkeeping, and reporting requirements.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, each facility is required to submit a Title V renewal application and request the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The AQMD implements Title V through Regulation XXX – Title V Permits, adopted by the AQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. CO, NO_2, SO_2, and lead are in attainment with federal standards. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment.

A Title V renewal permit is proposed to be issued to cover the operations of Southern California Gas Company/Playa Del Rey Storage Facility at 8141 Gulana Avenue, Playa Del Rey, CA 90293. This facility is subject to Title V requirements because it is a major source.

2. Facility Description

This is an existing facility, applying for a Title V permit renewal that is in the business of natural gas storage. The facility operates three (3) non-emergency engines, three (3) emergency engines, natural gas odorizing equipment, natural gas dehydration system, crude oil/water/gas separation system, wastewater treatment system, crude oil storage, a bulk loading arm, a heater, an incinerator control device and various Rule 219 exempt equipment.

3. Construction and Permitting History

This is an existing facility that received an initial Title V permit on August 23, 2001. The facility completed construction of the natural gas dehydration system in June 2009. The heater used for the glycol heat exchangers was recently source tested and the report approved by District Source Test Engineering (STE). There is a pending test required for the incinerator to verify the emission limit of 0.08 lb-VOC per mgal of oil transferred. The test plan was forwarded to STE for approval prior to the actual test.

4. Regulatory Applicability Determinations

Applicable legal requirements for which this facility is required to comply are required to be identified in the Title V permit (for example, Section D, E, and H of the proposed Title V permit). Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found in the Engineering Evaluations. This facility is subject to NESHAPS requirements of 40 CFR 63 and the permit terms and conditions are found in the Sections D and J of the permit. There are no applicable NSPS requirements that are applicable to this facility.

5. Monitoring and Operational Requirements

Applicable monitoring and operational requirements for which the facility is required to comply are identified in the Title V permit (for example, Section D, F, and J and Appendix B of the proposed Title V permit). Discussion of any applicable monitoring and operational requirements can be found in the Engineering Evaluations. All periodic monitoring requirements were developed using strict adherence to the following applicable guidance documents: SCAQMD Periodic Monitoring Guidelines for Title V Facilities (November 1997); CAPCOA/CARB/EPA Region IX Periodic Monitoring Recommendations for Generally Applicable Requirements in SIP (June 1999); and CAPCOA/CARB/EPA Region IX Recommended Periodic Monitoring for Generally Applicable Grain Loading Standards in SIP: Combustion Sources (July 2010).

The uncontrolled CO and VOC emissions from the engine are less than the major source thresholds of 50 and 10 tons per year, for CO and VOC, respectively. Therefore, the equipment is not subject to the Compliance Assurance Monitoring (CAM) requirements of 40 CFR Part 64. The reboiler and flashtank have uncontrolled VOC emissions that exceed 10 tons per year; however, the condenser vents to a vapor recovery system and does not vent to the atmosphere. Therefore, CAM requirements of 40 CFR Part 64 do not apply to any of the permitted emission sources at this facility.

6. Permit Features

Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility an explicit protection from requirements that do not apply to the facility. A permit shield is a provision in a permit that states that compliance with the conditions of the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

7. Summary of Emissions and Health Risks

Criteria Pollutant Emissions (tons/year)
Annual Reported Emissions for Reporting Period 2008

Pollutant	Emissions (tons/year)
NOx	24.668
CO	1.834
VOC	17.659
TSP	1.111
SOx	0.027

Toxic Air Contaminants Emissions (TAC)
Annual Reported Emissions for Reporting Period 2006

The Following TACs Were Reported	Emissions (lbs/yr)
1,3-Butadiene	46.14
2-Methyl naphthalene [PAH, POM]	1.18
ACENAPHTHENE	0.366
ACENAPHTHYLENE	0.174
ANTHRACENE	0.039
Ammonia	996.411
Arsenic	0.004
B[GHI] PERYLENE	0.001
Benz[a]anthracene	0.018
Benzene	164.948
Benzo[a]pyrene	0
Benzo[b]fluoranthene	0
Benzo[e]pyrene [PAH, POM]	0.001
Benzo[k]fluoranthene	0
Cadmium	0.004
Carbon tetrachloride	3.353
Chromium (VI)	0
Chrysene	0.037
Ethylene dibromide	4.058
Ethylene dichloride	2.329
FLUORANTHENE	0.019
FLUORENE	0.093
Formaldehyde	3056.843
Indeno[1,2,3-cd]pyrene	0
Lead (inorganic)	0.025
Methylene chloride	8.126
Naphthalene	5.461
Nickel	0.012
PAHs, total, with components not reported	0.061
PHENANTHRENE	0.194
PYRENE	0.032
Perylene [PAH, POM]	0
Vinyl chloride	1.365

Health Risk from Toxic Air Contaminants

The facility is being tracked by the Air Toxics Information and Assessment Act (AB2588). The AQMD is tracking the status of the facility under AB2588.

8. Compliance History

The facility has been subject to both self-reporting requirements and AQMD inspections. The facility has had no citizen complaints filed, one Notice to comply issued, and no Notices of Violation issued in the last two calendar years. The facility is currently operating the three (3) non-emergency engines under a variance. AS discussed in detail in the engineering evaluation, the company is working with AQMD to determine if the older lean burn engines can meet the Rule 1110.2 VOC limit.

9. Compliance Certification

By virtue of the Title V permit application and issuance of this permit, the reporting frequency for compliance certification for the facility shall be annual.

FACILITY PERMIT TO OPERATE

SO CAL GAS CO/PLAYA DEL REY STORAGE FACI
8141 GULANA AVE
PLAYA DEL REY, CA 90293

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By_____
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	DRAFT	09/02/2011
B	RECLAIM Annual Emission Allocation	DRAFT	09/02/2011
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	09/02/2011
E	Administrative Conditions	DRAFT	09/02/2011
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	09/02/2011
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	09/02/2011
H	Permit To Construct and Temporary Permit to Operate	DRAFT	09/02/2011
I	Compliance Plans & Schedules	DRAFT	09/02/2011
J	Air Toxics	DRAFT	09/02/2011
K	Title V Administration	DRAFT	09/02/2011
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	09/02/2011
B	Rule Emission Limits	DRAFT	09/02/2011

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR:	SO CAL GAS CO/PLAYA DEL REY STORAGE FACI
LEGAL OPERATOR (if different than owner):	
EQUIPMENT LOCATION:	8141 GULANA AVE PLAYA DEL REY, CA 90293-7930
MAILING ADDRESS:	8141 GULANA AVE PLAYA DEL REY, CA 90293-7930
RESPONSIBLE OFFICIAL:	JOHN THOMPSON
TITLE:	STORAGE OPERATIONS MANAGER
TELEPHONE NUMBER:	(310) 578-2689
CONTACT PERSON:	CHARLIE SOARES
TITLE:	PRINCIPAL ENVIR. SPECIALIST
TELEPHONE NUMBER:	(310) 578-2610
INITIAL TITLE V PERMIT ISSUED:	March 26, 2001
TITLE V PERMIT EXPIRATION DATE:	March 25, 2006

TITLE V	RECLAIM	
YES	NOx:	YES
	SOx:	NO
	CYCLE:	1
	ZONE:	COASTAL

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC [1] Holding as of 01/01/2011 (pounds)	Non-Tradable [2] Non-Usable RTCs (pounds)
1/2009	12/2009	Coastal	70246	3936	3793
1/2010	12/2010	Coastal	70246	5849	5690
1/2011	12/2011	Coastal	70246	54441	7587
1/2012	12/2012	Coastal	70246	54441	7587
1/2013	12/2013	Coastal	70246	54441	7587
1/2014	12/2014	Coastal	70246	54441	7587
1/2015	12/2015	Coastal	70246	54441	7587
1/2016	12/2016	Coastal	70246	54441	7587
1/2017	12/2017	Coastal	70246	54441	7587
1/2018	12/2018	Coastal	70246	54441	7587
1/2019	12/2019	Coastal	70246	54441	7587
1/2020	12/2020	Coastal	70246	54441	7587
1/2021	12/2021	Coastal	70246	54441	7587
1/2022	12/2022	Coastal	70246	54441	7587
1/2023	12/2023	Coastal	70246	54441	7587
1/2024	12/2024	Coastal	70246	54441	7587
1/2025	12/2025	Coastal	70246	54441	7587

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	End	Zone	NOx RTC Initially Allocated	NOx RTC [1] Holding as of 01/01/2011 (pounds)	Non-Tradable [2] Non-Usable RTCs (pounds)
1/2026	12/2026	Coastal	70246	54441	7587

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Starting Allocation (pounds)	Non-Tradable Credits(NTC) (pounds)
1/1994	12/1994	Coastal	341249	270046

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, WAUKESHA, MODEL H-2476-GU, 348 HP WITH A/N: 198433 GENERATOR	D1		NOX: PROCESS UNIT**	**NOX**: 3400 LBS/MMSCF NATURAL GAS (1) **[RULE 2012, 12-7-1995;** ***RULE 2012, 4-9-1999***]; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.3, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, WAUKESHA, MODEL NO. 145-GZB, 110 HP WITH A/N: 198434 GENERATOR	D2		NOX: PROCESS UNIT**	**NOX**: 3400 LBS/MMSCF NATURAL GAS (1) **[RULE 2012, 12-7-1995;** ***RULE 2012, 4-9-1999***]; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.3, D12.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, NATURAL GAS, CATERPILLAR, MODEL NO. 3306NG, 93 HP WITH A/N: 198424 PUMP	D7		NOX: PROCESS UNIT**	**NOX**: 3400 LBS/MMSCF NATURAL GAS (1) **[RULE 2012, 12-7-1995;** ***RULE 2012, 4-9-1999***]; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.3, D12.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, 6CB, NATURAL GAS, COOPER-BESSEMER, MODEL GMVH-10, 2000 HP WITH A/N: 482122	D14	C132	NOX: LARGE SOURCE**	**CO**: 70 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **CO**: 89 PPMV NATURAL GAS (4) **[RULE 1303(a)(1)-BACT, 5-10-1996]**; **CO**: 2000 PPMV (5) [RULE 1110.2, 11-14-1997]; **NOX**: 225 PPMV NATURAL GAS (3) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: 30 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **ROG**: 250 PPMV (5) [RULE 1110.2, 11-14-1997]	C1.1
CO OXIDATION CATALYST, ENGELHARD, 24" X 24" X 3 11/16" D., WITH AN AIR TO FUEL RATIO CONTROLLER,, (WASTE GATE VALVE), EMEBEDDED IN THE ENGINE CONTROL SYSTEM.	C132	D14			H23.8
COMPRESSOR					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, 8CB, NATURAL GAS, COOPER-BESSEMER, MODEL GMVH-10, 2000 HP WITH A/N: 482123	D16	C133	NOX: LARGE SOURCE**	**CO**: 70 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **CO**: 89 PPMV NATURAL GAS (4) **[RULE 1303(a)(1)-BACT, 5-10-1996]**; **CO**: 2000 PPMV (5) [RULE 1110.2, 11-14-1997]; **NOX**: 225 PPMV NATURAL GAS (3) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: 30 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **ROG**: 250 PPMV (5) [RULE 1110.2, 11-14-1997]	C1.1
CO OXIDATION CATALYST, ENGELHARD, 24" X 24" X 3 11/16" D., WITH AN AIR TO FUEL RATIO CONTROLLER, (WASTE GATE VALVE), EMEBEDDED IN THE ENGINE CONTROL SYSTEM.	C133	D16			H23.8
COMPRESSOR					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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(9) See App B for Emission Limits
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, 9CB, NATURAL GAS, COOPER-BESSEMER, MODEL GMVH-10, 2000 HP WITH A/N: 482124	D17	C134	NOX: LARGE SOURCE**	**CO**: 70 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **CO**: 89 PPMV NATURAL GAS (4) **[RULE 1303(a)(1)-BACT, 5-10-1996]**; **NOX**: 225 PPMV NATURAL GAS (3) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: 30 PPMV NATURAL GAS (5) [RULE 1110.2, 2-1-2008]; **ROG**: 250 PPMV (5) [RULE 1110.2, 11-14-1997]	C1.1
CO OXIDATION CATALYST, ENGELHARD, 24" X 24" X 3 11/16" D, WITH AN AIR TO FUEL RATIO CONTROLLER, (WASTE GATE VALVE), EMBEDDED IN THE ENGINE CONTROL SYSTEM.	C134	D17			H23.8
COMPRESSOR					

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COMBUSTION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 4045TF150, 99 HP WITH A/N: 404783 GENERATOR, 60 KW	D135		NOX: PROCESS UNIT**	**CO**: 8.5 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1) -BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **NOX**: 6.9 GRAM/BHP-HR DIESEL (4) **[RULE 2005, 4-9-1999; RULE 2005, 4-20-2001]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 12-7-1995; RULE 2012, 5-11-2001]**; **PM10**: 0.38 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **VOC**: 1 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]	B61.1, C1.4, D12.2, E162.1, K67.3
Process 2: OIL AND GAS PRODUCTION					
System 1: NATURAL GAS ODORIZING					
ODORANT DISPENSING EQUIPMENT, 60 GALS A/N: 289177	D115	C117			E175.1
CARBON FILTER, HEIGHT: 1 FT .13 IN, DIAMETER: 4.88 IN A/N: 289177	C117	D115		**H2S**: 4 PPMV (5) **[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**	D90.1
System 2: GLYCOL DEHYDRATION					S4.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2: OIL AND GAS PRODUCTION					
VESSEL, SEPARATOR, FILTER/SEPARATOR, V-600, LENGTH: 12 FT 8 IN; DIAMETER: 5 FT A/N:	D137				
VESSEL, TEG CONTACTOR #1, V-601, HEIGHT: 35 FT ; DIAMETER: 6 FT A/N:	D138				
VESSEL, TEG CONTACTOR #2, V-602, HEIGHT: 35 FT ; DIAMETER: 6 FT A/N:	D139				
VESSEL, STILL COLUMN, V-640, HEIGHT: 13 FT ; DIAMETER: 2 FT 6 IN A/N:	D141				
VESSEL, GLYCOL REBOILER, V-642, LENGTH: 36 FT ; DIAMETER: 6 FT A/N:	D142				
VESSEL, GLYCOL FLASH TANK, V-643, LENGTH: 8 FT ; DIAMETER: 4 FT A/N:	D143				
VESSEL, STILL OVERHEAD CONDENSER, V-644, VENTED TO VAPOR RECOVERY,, HEIGHT: 6 FT 6 IN; DIAMETER: 1 FT 4 IN A/N:	D144			**HAP**: (10) **[40CFR 63 Subpart HHH, 2-22-2002]**	
System 4: OIL/WATER/GAS SEPARATION					
TANK, WASH, TK-1A, 1000 BBL; DIAMETER: 18 FT ; HEIGHT: 24 FT A/N: 137495	D67	C96 C97			E127.1, H23.1, H23.5

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: OIL AND GAS PRODUCTION					
TANK, WASH, TK-1B, 1000 BBL; DIAMETER: 18 FT ; HEIGHT: 24 FT A/N: 137495	D68	C96 C97			E127.1, H23.1, H23.5
System 7: WASTEWATER TREATMENT					
TANK, SURGE, TK-12, WASTEWATER, 2000 BBL; DIAMETER: 29 FT 8 IN; HEIGHT: 16 FT 1 IN A/N: 355183	D77	C96 C97			E127.1, H23.1, H23.4, H23.5
TANK, SURGE, TK-2, WASTE WATER, 1000 BBL; DIAMETER: 21 FT 6 IN; HEIGHT: 16 FT A/N: 355183	D78	C96			E57.5, E127.1, H23.1, H23.4, H23.5
Process 3: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, TK-3, OFF-SPEC OIL, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT A/N: 110251	D79	C96 C97			E127.1, H23.1, H23.5
STORAGE TANK, FIXED ROOF, TK-4A, CRUDE OIL, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT A/N: 110252	D80	C96 C97			E127.1, H23.1, H23.5
STORAGE TANK, FIXED ROOF, TK-4B, CRUDE OIL, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT A/N: 110253	D81	C96 C97			E127.1, H23.1, H23.5

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: PETROLEUM STORAGE					P13.1
STORAGE TANK, FIXED ROOF, TK-4C, CRUDE OIL, VENTED TO VAPOR RECOVERY SYSTEM, 2000 BBL; DIAMETER: 29 FT 9 IN; HEIGHT: 16 FT A/N: 110254	D82	C96 C97			E127.1, H23.1, H23.5
STORAGE TANK, FIXED ROOF, TK-5, CONDENSATE, 500 BBL; DIAMETER: 15 FT 6 IN; HEIGHT: 16 FT A/N: 111946	D83	C96 C97			E127.1, H23.1, H23.5
STORAGE TANK, FIXED ROOF, TK-6, SLOP, 200 BBL; DIAMETER: 9 FT 2 IN; HEIGHT: 16 FT A/N: 110255	D84	C96 C97			E127.1, H23.5
STORAGE TANK, FIXED ROOF, CRANKCASE AND DIRTY LUBE OIL, 1000 GALS; DIAMETER: 5 FT 6 IN; HEIGHT: 6 FT A/N: 165545	D85				
Process 6: FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, PUMPS A/N: 137495	D89				
FUGITIVE EMISSIONS, PRV A/N: 137495	D90				
FUGITIVE EMISSIONS, FLANGES A/N: 137495	D91				
FUGITIVE EMISSIONS, COMPRESSORS A/N: 227890	D92				
FUGITIVE EMISSIONS, VALVES A/N: 137495	D93				

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: FUGITIVE EMISSIONS					
FUGITIVE EMISSIONS, DRAINS A/N: 137495	D130				H23.4
Process 7: EXTERNAL COMBUSTION					
HEATER, H-340A, GLYCOL REGENERATION, NATURAL GAS, AMERICAN HEATING COMPANY, MODEL AHE-500-LN, WITH LOW NOX BURNER, 5.2 MMBTU/HR WITH A/N: BURNER, ALZETA, MODEL CSB50, WITH LOW NOX BURNER, 5.2 MMBTU/HR	D145		NOX: PROCESS UNIT**	**CO**: 50 PPMV (4) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1)-BACT, 12-6-2002*]; **CO**: 400 PPMV (5A) **[RULE 1146, 11-17-2000]**; **CO**: 2000 PPMV (5) **[RULE 407, 4-2-1982]**; **NOX**: 12 PPMV (4) **[RULE 2005, 4-20-2001; RULE 2005, 5-6-2005]**; **NOX**: 38.46 LBS/MMSCF (1) **[RULE 2012, 12-5-2003; RULE 2012, 1-7-2005]**; **PM**: 0.1 GRAINS/SCF (5) **[RULE 409, 8-7-1981]**	C1.5, D12.3, D29.2, I296.1, K40.2
Process 8: VAPOR RECOVERY SYSTEM					
OIL/GAS/WATER SEPARATOR, LIQUID, INLET COMPRESSOR A/N: 227890	C96	D67 D68 D77 D78 D79 D80 D81 D82 D83 D84			
OIL/GAS/WATER SEPARATOR, LIQUID, INLET COMPRESSOR (SPARE) A/N: 227890	C97	D67 D68 D77 D79 D80 D81 D82 D83 D84			
SCRUBBER, V-661 SUCTION, HEIGHT: 4 FT ; DIAMETER: 8.75 IN A/N:	D147				

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8: VAPOR RECOVERY SYSTEM					
DRUM, KNOCKOUT, V-662, 1ST STAGE, HEIGHT: 4 FT ; DIAMETER: 8.75 IN A/N:	D148				
DRUM, KNOCKOUT, V-663, 2ND STAGE, HEIGHT: 4 FT ; DIAMETER: 8.75 IN A/N:	D149				
Process 9: BULK OIL LOADING FACILITY					
LOADING ARM, TANK TRUCK, CRUDE OIL, WITH SUBMERGED FILLING, 1 TOTAL; DIAMETER: 6 IN A/N: 491695	D125	C131			C1.2, E178.1, E191.1, H23.6, K48.1
Process 10: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E126			**ROG**: (9) [RULE 1113, 5-14-1999; RULE 1171, 6-13-1997; *RULE 1171, 10-8-1999*]	K67.1
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E127				H23.3
RULE 219 EXEMPT EQUIPMENT, WELL HEADS AND PUMPS, OIL AND GAS	E128				
RULE 219 EXEMPT EQUIPMENT, PUMPS, CRUDE OIL/NATURAL GAS PIPELINE TRANSFER	E129				
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, >1 MMBTU/HR AND <= 2 MMBTU/HR	E153				

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: DEVICE ID INDEX

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	0
D2	1	1	0
D7	1	1	0
D14	2	1	0
D16	3	1	0
D17	4	1	0
D67	6	2	4
D68	7	2	4
D77	7	2	7
D78	7	2	7
D79	7	3	0
D80	7	3	0
D81	7	3	0
D82	8	3	0
D83	8	3	0
D84	8	3	0
D85	8	3	0
D89	8	6	0
D90	8	6	0
D91	8	6	0
D92	8	6	0
D93	8	6	0
C96	9	8	0
C97	9	8	0
D115	5	2	1
C117	5	2	1
D125	10	9	0
E126	10	10	0
E127	10	10	0
E128	10	10	0
E129	10	10	0
D130	9	6	0
C132	2	1	0
C133	3	1	0
C134	4	1	0

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D135	5	1	0
D137	6	2	2
D138	6	2	2
D139	6	2	2
D141	6	2	2
D142	6	2	2
D143	6	2	2
D144	6	2	2
D145	9	7	0
D147	9	8	0
D148	10	8	0
D149	10	8	0
E153	10	10	0

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 7-14-1995]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Processes subject to this condition : 3]

SYSTEM CONDITIONS

S4.1 The following condition(s) shall apply to all affected devices listed under Section H of this system for fugitive emissions of volatile organic compounds (VOC):

All valves, fittings, and flanges associated with the still column (V-641), glycol reboiler (V-642), glycol flash tank (V-643) and still overhead condenser (V664) shall be identified, tagged and inspected quarterly using EPA Method 21.

Any leak greater than 500 ppm shall be repaired within 14 days of detection.

The operator shall keep records of the quarterly inspection, subsequent repair, and re-inspection, in a manner approved by the District.

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 2, System 2]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

B61.1 The operator shall only use Diesel Fuel containing the following specified compounds:

Compound	Limit	ppm by weight
Sulfur	less than or equal to	15

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D135]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the operating time to no more than 2190 hours in any one year.

To comply with this condition, the operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

The purpose(s) of this condition is to ensure that this equipment qualifies as a large source.

[**RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D14, D16, D17]

C1.2 The operator shall limit the loading rate to no more than 800000 gallon(s) per month.

[**RULE 1303(b)(2)-Offset, 5-10-1996;** RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D125]

C1.3 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D1, D2, D7]

C1.4 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 3-4-2005; **RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D135]

C1.5 The operator shall limit the fuel usage to no more than 23000 MM Btu in any one year.

Devices D145 and D146 shall not be operating simutaneously..

For the purpose of this condition, fuel usage shall be defined as the combined usage of both heaters D145 and D146.

[**RULE 1303(b)(2)-Offset, 5-10-1996;** RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D145]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[**RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D1, D2, D7]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.2 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 3-4-2005; **RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D135]

D12.3 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the heaters.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 2012, 12-5-2003; RULE 2012, 1-7-2005**]

[Devices subject to this condition : D145]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NOX emissions	District method 100.1	15 minutes	Outlet
CO emissions	District method 100.1	15 minutes	Outlet

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The test shall be conducted at least once every year.

The test shall be conducted to demonstrate compliance with the NOx and CO BACT limits.

The test shall be conducted when the heater is operating at normal load.

The test shall be conducted and the results submitted to the District within 60 days after the test date. The AQMD shall be notified of the date and time of the test at least 10 days prior to the test..

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996;** RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 2005, 4-20-2001; RULE 2005, 5-6-2005**]

[Devices subject to this condition : D145]

D90.1 The operator shall periodically monitor the H2S concentration at the outlet according to the following specification according to the following specifications:

The operator shall monitor once during each odorant transfer and tank depressurization.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C117]

E. Equipment Operation/Construction Requirements

E57.5 The operator shall vent this equipment to an air pollution control system in full use with a valid permit issued by the Executive Officer whenever the equipment is in operation.

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1303(a)(1)-BACT, 12-6-2002]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D78]

E127.1 The operator shall keep gauge/sample hatches closed except during actual gauging/sampling operations.

[RULE 463, 3-11-1994]

[Devices subject to this condition : D67, D68, D77, D78, D79, D80, D81, D82, D83, D84]

E162.1 The operator shall use this equipment only during utility failure periods, except for maintenance purposes.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 3-4-2005]

[Devices subject to this condition : D135]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

activated carbon filter which is in proper operating condition

[RULE 402, 5-7-1976]

[Devices subject to this condition : D115]

E178.1 The operator shall load crude oil into using bottom loading.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D125]

E191.1 The operator shall vent emissions from transfer of organic liquids to equipment number C131.

[RULE 462, 5-14-1999]

[Devices subject to this condition : D125]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463

[RULE 463, 3-11-1994]

[Devices subject to this condition : D67, D68, D77, D78, D79, D80, D81, D82, D83]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415

[RULE 1415, 10-14-1994]

[Devices subject to this condition : E127]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D77, D78, D130]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	40CFR60, SUBPART	Ka

[40CFR 60 Subpart Ka, 5-5-1989]

[Devices subject to this condition : D67, D68, D77, D78, D79, D80, D81, D82, D83, D84]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462

[RULE 462, 5-14-1999]

[Devices subject to this condition : D125]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1110.2
VOC	District Rule	1110.2

The Integrated Air to Fuel Ratio Controller connected with Devices D14, D16, & D17 shall comply with all applicable Inspection and Monitoring requirements as outlined in approved compliance plan under section I of this permit.

[RULE 1110.2, 6-3-2005]

[Devices subject to this condition : D14, D16, D17]

I. Administrative

I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the annual emissions increase for the first 12 months of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

To comply with this condition, the operator shall prior to each compliance year hold a minimum NOx RTCs of 335 lbs. This condition shall commence with the initial operation of the heaters. For this condition only the RTC requirements are for D145 and D146 combined.

[RULE 2005, 4-20-2001; RULE 2005, 5-6-2005]

[Devices subject to this condition : D145]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K. Record Keeping/Reporting

K40.2 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv) corrected to 3 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM Cubic Feet. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 3 percent oxygen.

Source test results shall also include the oxygen levels in the exhaust, fuel flow rate (CFH), and the flue gas temperature under which the test was conducted.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996;** RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 2005, 4-20-2001; RULE 2005, 5-6-2005]**

[Devices subject to this condition : D145]

K48.1 The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the following condition number(s):

Condition Number C 1- 2

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 462, 5-14-1999]

[Devices subject to this condition : D125]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E126]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Date of operation, the elapsed time, in hours and the reason of operation.

Records shall be kept and maintained on file for a minimum of two years and made available to AQMD personnel upon request.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 3-4-2005]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D135]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]

   a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]

   b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]

   c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]

2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]

3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]

4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]

6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]

   a. Three years for a facility not subject to Title V; or

   b. Five years for a facility subject to Title V.

7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]

   a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]

   b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]

   c. For a large NOx source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]

   d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION E: ADMINISTRATIVE CONDITIONS

e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO2) and be averaged over 15 consecutive minutes; [407]

f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO2) at standard conditions and averaged over 15 consecutive minutes. [409]

g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O2) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]

8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NOx RECLAIM sources and Table 2 of Rule 2001 for SOx RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NOx or SOx emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NOx or SOx source, respectively. [2001]

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]

   a. Brief description of the equipment tested.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION E: ADMINISTRATIVE CONDITIONS

b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.

c. Operating conditions under which the test will be performed.

d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e,g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).

e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.

f. Description of calibration and quality assurance procedures.

g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).

10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]

a. The results of the source test.

b. Brief description of the equipment tested.

c. Operating conditions under which test will be performed.

d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).

e. Field and laboratory data forms, strip charts and analyses.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION E: ADMINISTRATIVE CONDITIONS

f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.

11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NOx Monitoring Conditions

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

B. The Operator of a NOx large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]

2. Comply at all times with the specified NOx concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

II. NOx Source Testing and Tune-up conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]

2. The operator shall, as applicable, conduct source tests for every large NOx source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NOx concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]

3. All NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
   a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
   b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
   c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The opearator shall submit a quarterly certification of emissions including the total facility NOx or SOx emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2004]

NOx Reporting Requirements

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall:

1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NOx mass emissions from each large NOx source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall:

1. Electronically report the calculated quarterly NOx emissions for each NOx process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 2: OIL AND GAS PRODUCTION					
System 7: WASTEWATER TREATMENT					
INCINERATOR, KING, BUCK & ASSOCIATES, MODEL NO. MMC-5, 150 SCFM CAPACITY, NATURAL GAS, WITH SUPPLEMENTAL GAS-FIRING AND FULLY MODULATING AUTOMATIC CONTROL SYSTEM, 1 MMBTU/HR WITH A/N: 407305 Permit to Construct Issued: 10/19/05 COMPRESSOR, VAPOR RECOVERY, 3 HP, 160 SCFM CAPACITY	C131	D125	NOX: PROCESS UNIT**	**CO**: 2000 PPMV (5) **[RULE 407, 4-2-1982]**; **NOX**: 130 LBS/MMSCF NATURAL GAS (1) **[RULE 2012, 12-7-1995;** *RULE 2012, 4-9-1999*]; **PM**: (9) **[RULE 404, 2-7-1986]**; **PM**: 0.1 GRAINS/SCF (5) **[RULE 409, 8-7-1981]**	C8.1, C409.1, D28.1, H23.7, K40.4

* (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
(10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION H: DEVICE ID INDEX

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
C131	1	2	7

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1149

[RULE 1149, 7-14-1995]

[Processes subject to this condition : 3]

SYSTEM CONDITIONS

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S4.1 The following condition(s) shall apply to all affected devices listed under Section H of this system for fugitive emissions of volatile organic compounds (VOC):

All valves, fittings, and flanges associated with the still column (V-641), glycol reboiler (V-642), glycol flash tank (V-643) and still overhead condenser (V664) shall be identified, tagged and inspected quarterly using EPA Method 21.

Any leak greater than 500 ppm shall be repaired within 14 days of detection.

The operator shall keep records of the quarterly inspection, subsequent repair, and re-inspection, in a manner approved by the District.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 2, System 2]

DEVICE CONDITIONS

C. Throughput or Operating Parameter Limits

C8.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1400 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the combustion chamber at all times..

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C131]

C409.1 The operator shall ensure that backpressure used in this equipment shall meet the following specified requirements:

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

The backpressure shall not exceed 18 inches of water column pressure..

To comply with this condition, the operator shall install and maintain a device capable of showing at all times the backpressure in the equipment..

[RULE 462, 5-14-1999]

[Devices subject to this condition : C131]

D. Monitoring/Testing Requirements

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The test shall be conducted to determine the VOC emissions at the outlet.

The test shall be conducted while the equipment ; thermal oxidizer, as well as the organic liquid loading equipment D125, operating at maximum conditions, are operating simultaneously.

The test shall be conducted to demonstrate compliance with emissions of VOC to 0.08 pounds or less per 1,000 gallons of organic liquid transferred..

The District shall be notified of the date and time of the test at least 14 days days prior to the test.

[RULE 462, 5-14-1999]

[Devices subject to this condition : C131]

H. Applicable Rules

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	462

[RULE 462, 5-14-1999]

[Devices subject to this condition : C131]

K. Record Keeping/Reporting

K40.4 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 30 days after the source test was conducted.

Source test results shall include air contaminant emissions with respect to the district rule 462..

[RULE 462, 5-14-1999]

[Devices subject to this condition : C131]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

a. The operator does not have to comply with NOx or SOx emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.

b. The operator does not have to comply with NOx or SOx emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
486471	1110.2

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION J: AIR TOXICS
[40CFR 63 Subpart HHH 02-22-2002]

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR NATURAL GAS TRANSMISSION AND STORAGE FACILITIES

1. The operator shall comply with all applicable requirements of 40 CFR 63, Subpart HHH – National Emission Standards for Hazardous Air Pollutants (NESHAP) for Natural Gas Transmission and Storage Facilities and 40 CFR 63, Subpart A - General Provisions.

2. The operator shall comply with all applicable standards specified in Section 63.1275 by using one of the options identified in Section 63.1281 for the glycol dehydration unit process vent.

3. The operator shall comply with all applicable work practice standards and startup, shutdown, and malfunction requirements pursuant to Section 63.1272.

4. The operator shall conduct all performance tests, performance evaluations, design evaluations and other compliance demonstrations that are required by this subpart pursuant to Section 63.1282, 63.1281, and 63.1283.

5. The operator shall monitor and collect all required data pursuant to Section 63.1283 and demonstrate continuous compliance with all standards specified in Section 63.1282.

6. The operator shall comply with all applicable reporting requirements that are specified in Section 63.1285.

7. The operator shall keep all required records pursuant to Section 63.1284 of this subpart and 40 CFR 63, Subpart A to demonstrate compliance with all applicable requirements. In addition, all records including data, calculations, and any supporting documentation shall be prepared in a format which is acceptable to the AQMD.

8. Alternative plans, compliance plans, and the construction and operation of new or modified air pollution control equipment that are required by this subpart shall be approved through the AQMD permit system.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]

2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

   (B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]

4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:

   (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

   (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

   (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:

   (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or

   (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

   Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:

   (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;

   (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

   (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

   (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]

12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]

13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]

15. Nothing in this permit or in any permit shield can alter or affect:

    (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;

    (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;

    (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;

    (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;

    (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and

    (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]

16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

EMERGENCY PROVISIONS

17. An emergency[1] constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:

    (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:

        (1) An emergency occurred and the operator can identify the cause(s) of the emergency;

        (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;

        (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,

        (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

    (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]

18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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1 "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

    (A) The date, place as defined in the Title V permit, and time of sampling or measurements;

    (B) The date(s) analyses were performed;

    (C) The company or entity that performed the analyses;

    (D) The analytical techniques or methods used;

    (E) The results of such analyses; and

    (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:

    (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

(B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

(C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.

(D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]

23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]

24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:

(A) Identification of each permit term or condition that is the basis of the certification;

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

(B) The compliance status during the reporting period;

(C) Whether compliance was continuous or intermittent;

(D) The method(s) used to determine compliance over the reporting period and currently, and

(E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1110.2	11-14-1997	Non federally enforceable
RULE 1110.2	2-1-2008	Non federally enforceable
RULE 1110.2	6-3-2005	Non federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1149	7-14-1995	Federally enforceable
RULE 1176	9-13-1996	Federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	3-4-2005	Non federally enforceable
RULE 1415	10-14-1994	Non federally enforceable
RULE 2005	4-20-2001	Federally enforceable
RULE 2005	4-9-1999	Federally enforceable
RULE 2005	5-6-2005	Federally enforceable
RULE 2012	1-7-2005	Federally enforceable
RULE 2012	12-5-2003	Federally enforceable
RULE 2012	5-11-2001	Federally enforceable
RULE 204	10-8-1993	Federally enforceable

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 217	1-5-1990	Federally enforceable
RULE 219	11-17-2000	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	1-14-1982	Non federally enforceable
RULE 304	5-19-2000	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	3-11-1994	Federally enforceable
RULE 464	12-7-1990	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart Ka	5-5-1989	Federally enforceable
40CFR 63 Subpart HHH	2-22-2002	Federally enforceable

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN PERMIT PURSUANT TO RULE 219

1. ICE, NATURAL GAS
2. SPACE HEATERS, NATURAL GAS
3. WATER HEATER, NATURAL GAS
4. TORCHES , OXYACETYLENE
5. PROCESS HEATERS, NATURAL GAS
6. PORTABLE AIR COMPRESSORS, GASOLINE
7. PORTABLE GENERATORS, GASOLINE
8. PORTABLE WELDERS, GASOLINE
9. PUMP, GASOLINE
10. WEED WACKER, GASOLINE

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 05-14-1999]

(1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.

(2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use; or of any rust-preventative coating for industrial use.

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 05-14-1999]
TABLE OF STANDARDS
VOC LIMITS

Grams of VOC Per Liter of Coating,
Less Water And Less Exempt Compounds

COATING	Limit*	Effective 1/1/1998	Effective 1/1/1999	Effective 5/14/99	Effective 7/1/2001	Effective 7/1/2002	Effective 1/1/2005	Effective 7/1/2006	Effective 7/1/2008
Bond Breakers	350								
Chemical Storage Tank Coatings	420							100	
Clear Wood Finishes									
Varnish	350								
Sanding Sealers	350								
Lacquer	680	550					275		
Concrete-Curing Compounds	350								
Dry-Fog Coatings	400								
Essential Public Service Coating	420					340		100	
Fire-proofing Exterior Coatings	450		350						
Fire-Retardant Coatings									
Clear	650								
Pigmented	350								
Flats	250				100				50
Floor Coatings	420					100		50	
Graphic Arts (Sign) Coatings	500								
High Temperature Industrial Maintenance Coatings						550		420	
Industrial Maintenance Coatings	420					250		100	
Japans/Faux Finishing Coatings	700		350						
Magnesite Cement Coatings	600		450						
Mastic Coatings	300								
Metallic Pigmented Coatings	500								
Multi-Color Coatings	420	250							
Non-Flat Coatings	250					150		50	
Pigmented Lacquer	680	550					275		
Pre-Treatment Wash Primers	780								
Primers, Sealers, and Undercoaters	350					200		100	
Quick-Dry Enamels	400					250		50	

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 05-14-1999]

Quick-Dry Primers, Sealers, and Undercoaters	350**					200		100	
Recycled Coatings				250		250		100	
Roof Coatings	300			250					
Bituminous Roof Coatings	300					250			
Rust Preventative Coatings	420			400				100	
Shellac									
Clear	730								
Pigmented	550								
Specialty Primers	350							100	
Stains	350					250			
Swimming Pool Coatings									
Repair	650								
Other	340								
Traffic Coatings	250	150							
Waterproofing Sealers Wood Concrete/Masonry	 400 400					250			
Wood Preservatives									
Below-Ground	350								
Other	350								

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

** The specified limit applies unless the manufacturer submits a report pursuant to Rule 1113(g)(2).

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 10-08-1999]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

	Current limits		Effective 12/1/2001	Effective 7/1/2005
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)		50 (0.42)	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	33	500 (4.2)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33	800 (6.7)	800 (6.7)
(B) Repair and Maintenance Cleaning				
(i) General	50 (0.42)		50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 10-08-1999]

	Current limits		Effective 12/1/2001	Effective 7/1/2005
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	20	900 (7.5)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33		
(I) Tools, Equipment, & Machinery			800 (6.7)	800 (6.7)
(II)General Work Surfaces			600 (5.0)	600 (5.0)
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35	550 (4.6)	25 (0.21)
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3	50 (0.42)	25 (0.21)
(ii) Flexographic Printing	100 (0.83)	3	50 (0.42)	25 (0.21)
(iii) Gravure Printing				
(I) Publication	900 (7.5)	25	750 (6.3)	100 (0.83)
(II) Packaging	100 (0.83)	3	50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 10-08-1999]

	Current limits		Effective 12/1/2001	Effective 7/1/2005
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iv) Lithographic or Letter Press Printing				
(I) Roller Wash – Step 1	900	10	600 (5.0)	100 (0.83)
(II) Roller Wash-Step 2, Blanket Wash, & On-Press Components	900	10	800 (6.7)	100 (0.83)
(III) Removable Press Components			50 (0.42)	25 (0.21)
(v) Screen Printing	1070 (8.9)	5	750 (6.3)	100 (0.83)
(vi) Ultraviolet Ink Application Equipment (except screen printing)	800 (6.7)	33	800 (6.7)	100 (0.83)
(vii) Specialty Flexographic Printing	810 (6.8)	21	600 (5.0)	100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)		50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 06-13-1997]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS		Effective 1/1/1999	
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)			
(ii) Electronic Components or Medical Devices	900 (7.5)	33		
(B) Repair and Maintenance Cleaning				
(i) General	900 (7.5)	20	50 (0.42)	
(ii) Electrical Apparatus Components	900 (7.5)	20		
(iii) Medical Devices	900 (7.5)	33		

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 06-13-1997]

	CURRENT LIMITS		Effective 1/1/1999	
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35		
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3		
(ii) Flexographic or Gravure Printing	100 (0.83)	3		
(iii) Lithographic or Letter Press Printing	900 (7.5)	25		10
(iv) Screen Printing	1070 (8.9)	5		
(v) Ultraviolet Inks (except screen printing)	800 (6.7)	33		
(vi) Specialty Flexographic Printing	810 (6.8)	21		
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)			
or		1		

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148

FACILITY PERMIT TO OPERATE
SO CAL GAS CO/PLAYA DEL REY STORAGE FACI

APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Title V Permit Summary

AQMD Facility ID: 8582	Company Name: SOUTHERN CALIFORNIA GAS COMPANY/PLAYA DEL REY STORAGE FACILITY		
Equipment Location: 8141 GULANA AVE., PLAYA DEL REY, CA 90293			SIC Code: 4922
Permit Revision #:	Revision Date:	Facility Permit Section(s) Affected:	
Application #(s): 449107		Application Submittal Date(s): 9/28/05	
AQMD Contact Person: Marcel Saulis		Phone #: (909) 396-3093	E-Mail Address: msaulis@aqmd.gov

Project Description: This is an existing facility, applying for Title V renewal permit that operates a natural gas storage complex. The facility operates emergency and non-emergency engines, crude oil production equipment, wastewater treatment, vapor recovery, and glycol dehydration system.

Permit Type: ☐ Initial Title V Permit ☐ Significant Revision ☒ Permit Renewal

Permit Features:
- ☐ Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements
- ☐ Permit Shield Applies
- ☐ Permit Contains Conditions Allowing Emission Trading
- ☐ Alternative Operating Scenario
- ☐ Permit Streamlines Overlapping or Outdated Requirements
- ☐ Other:
- ☐ Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance

Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year: 2010

☐ No TACs Reported

☒ The Following TACs Were Reported:

	Emissions (lbs/yr):
1,3 Butadiene	46.140
2-Methyl naphthalene [PAH, POM]	1.180
ACENAPHTHENE	0.366
ACENAPHTHYLENE	0.174
ANTHRACENE	0.039
Ammonia	996.411
Arsenic	0.004
B[GHI] PERYLENE	0.001
Benz[a]anthracene	0.018
Benzene	164.948
Benzo[a]pyrene	0
Benzo[b]fluoranthene	0
Benzo[e]pyrene [PAH, POM]	0.001
Benzo[k]fluoranthene	0
Cadmium	0.004
Carbon tetrachloride	3.353
Chromium (VI)	0
Chrysene	0.037
Ethylene dibromide	4.058
Ethylene dichloride	2.329
FLUORANTHENE	0.019
FLUORENE	0.093
Formaldehyde	3056.843
Indeno[1,2,3-cd]pyrene	0
Lead (inorganic)	0.025
Methylene chloride	8.126
Naphthalene	5.461
Nickel	0.012
PAHs, total, with components not reported	0.061
PHENANTHRENE	0.194
PYRENE	0.032

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Title V Permit Summary

Perylene [PAH, POM]	0
Vinyl chloride	1.365

Health Risk From Toxic Air Contaminants:

- ☐ Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____
- ☐ Health Risk Assessment Required for this Permit Action (AQMD Rule 1401)
- ☒ Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588)
  - ☐ Facility Determined to be Exempt from AB2588 Requirements
  - ☒ AQMD is Tracking Status of Facility under AB2588
  - ☐ Health Risk Assessment Submitted to AQMD and Is Being Reviewed
  - ☐ Final Facility Health Risk Approved (date) _____
  - Cancer Risk = _____ in one million
  - Acute Hazard Index = _____
  - Chronic Hazard Index = _____

Criteria Pollutant Emissions Annual Reported Emissions (tons/year) for Reporting Year: 2008				
☒ NOx	24.668	☐ PM		
☒ CO	1.834	☒ S0x	0.027	
☒ VOC	17.659	☒ Other:	Total Suspended Particulates 1.111	

Compliance History:

- ☒ Citizen Complaints Filed in Last Two Calendar Years (# 0)
- ☒ Notices to Comply Issued in Last Two Calendar Years (# 1)
- ☒ Notices of Violation Issued in Last Two Calendar Years (# 0)

Comments:

South Coast Air Quality Management District
P. O. BOX 4944
Diamond Bar, CA 91765
(909) 396- 2000

AQMD

APPLICATION FOR PLANS
FORM 400 - P

Section I - Company Information

LEGAL NAME OF APPLICANT ☐ IRS OR ☐ S.S.NUMBER

Southern California Gas Company

PERMIT TO BE ISSUED TO (SEE INSTRUCTIONS) Southern California Gas Company

BUSINESS MAILING ADDRESS 8141 Gulana Avenue, Playa del Rey, CA 90263

Section II - Facility Information

EQUIPMENT ADDRESS/LOCATION
8141 Gulana Avenue
NUMBER/STREET
Playa del Rey CA 90263
CITY OR COMMUNITY ZIP CODE

FACILITY NAME
Moreno Compressor Station

FACILITY ID NUMBER
0_ 0_ 8_ 5_ 8 _2_

NAME OF CONTACT PERSON Charles Soares

TITLE: **Principal Environmental Specialist**

CONTACT TELEPHONE NUMBER
(310) 578 - 2685

TYPE OF BUSINESS AT THIS FACILITY
Natural Gas Compressor Station

BUSINESS TYPE CODE (SEE INSTRUCTIONS)
_4_ _9_ _2_ _3_

Section III - Equipment Information

APPLICATION HEREBY SUBMITTED FOR: **Compliance Assurance Monitoring (CAM) Plan**

RULE NUMBER WHICH THIS APPLICATION APPLIES TO: **Regulation XXX**;

TYPE OF PLAN APPLICATION:
- ◆ Compliance Plan
- ☐ Excavation Plan
- ☐ Other
- ☐ Alternative Emission Control Plan (AECP)
- ☐ Extreme Performance Coating Classification

IF THIS APPLICATION IS ASSOCIATED WITH CERTAIN DISTRICT APPLICATIONS(S)/PERMIT(S), ENTER APPLICATION/PERMIT NUMBER(S):

FOR THIS PROJECT HAS A CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) DOCUMENT BEEN REQUIRED BY ANOTHER GOVERNMENTAL AGENCY?
◆ No ☐ Yes, IF YES, ENTER NAME OF AGENCY AND SUBMIT A COPY IF APPROVED.

DO YOU CLAIM CONFIDENTIALITY OF DATA? (SEE INSTRUCTIONS) ☐ Yes ◆ No

OPERATING SCHEDULE

	HOURS/DAY	DAYS/WEEK	WEEKS/YEAR
MAXIMUM	24	7	52
AVERAGE	24	7	52

FOR AECP PLEASE FILL IN THE TABLE BELOW:

	LBS/YEAR	DAYS/YEAR
ACTUAL USAGE TWO YEARS AGO		
ACTUAL USAGE LAST YEAR		
PROPOSED AVERAGE USE		

Section IV - Signature

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM: John A Thompson

TITLE OF RESPONSIBLE OFFICIAL OF FIRM: ~~FIELD~~ Storage OPERATIONS MANAGER

TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: JOHN A. THOMPSON

RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER (310) 578 - 2689

DATE SIGNED: 9/22/05

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF PREPARER:

TITLE OF PREPARER: ENVIRONMENTAL SPECIALIST

TYPE OR PRINT NAME OF PREPARER: CHARLES HUMPHREY, JR

PREPARER'S TELEPHONE NUMBER (213) 244 - 5476

DATE SIGNED: 9 /22/ 05

AQMD USE ONLY	APPLICATION/TRACKING #	PROJECT #	TYPE B C D	EQUIPMENT CATEGORY CODE:	FEE SCHEDULE:	VALIDATION
	449108			666302	$	9-28-05 9/8

CKTCK 48937 (C) # 534487 $ 115852