



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

June 25, 2015

Ms. Yijin Wang
Manager – Air Quality
Kinder Morgan Energy Partners, L.P.
1100 Town & Country Road
Orange, California 92868

Dear Ms. Wang:

RE: SFPP, LP - Orange
Facility ID # 800279
TV A/N 570270

Enclosed are the revised Title Page, Table of Contents, and Section H of your Title V Facility Permit. The revised sections reflect the issuance of a Permit to Construct as follows:

Section H – Permit to Construct Added

<i>Application No.</i>	<i>Previous Application No.</i>	<i>Equipment (Description of Modification)</i>
570271	482011	Modification of an existing VAPOR RECOVERY SYSTEM <ul style="list-style-type: none">• Add backup vapor holder

This revision is covered under A/N 570270 and is a “minor permit revision” to the Title V permit previously renewed May 16, 2015. EPA did not comment on the proposed permit, which was submitted for their review on May 6, 2015.

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier versions.

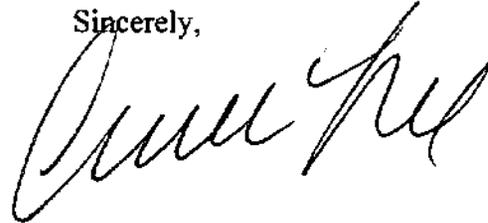
Ms. Yijin Wang
SFPP, LP - Orange
COID 800279

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June 25, 2015

The operation of your facility is bound by the conditions and/or requirements stated in the facility Permit to Operate. If you determine that there are administrative errors, or if you have any questions concerning changes to your permit, please contact Ms. Linda Dejbakhsh, Air Quality Engineer, at (909) 396-2614 within 30 days of the receipt of your permit.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Y. Lee". The signature is fluid and cursive, with a large initial "A" and "Y".

Andrew Y. Lee, P.E.
Senior Manager
Engineering and Compliance Permitting

AYL:CDT:LLD
Enclosures

cc: Gerardo Rios, EPA Region IX
Compliance
Central File
TV Application File (A/N 570270)
A/N 570271



FACILITY PERMIT TO OPERATE

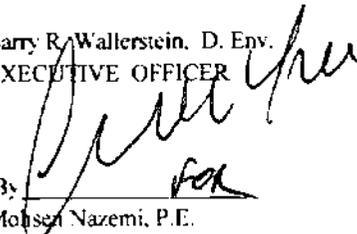
**SFPP, L.P. (NSR USE ONLY)
1350 N MAIN ST
ORANGE, CA 92867**

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
SFPP, L.P. (NSR USE ONLY)**

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**FACILITY PERMIT TO CONSTRUCT
SFPP, L.P. (NSR USE ONLY)**

**Facility Equipment and Requirements
(Section H)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, and all individual Permits to Construct issued to various equipment at the facility subject to source-specific requirements. Each permit will list operating conditions, including periodic monitoring requirements, and applicable emission limits and requirements to which the equipment is subject. Also included are the rule origin and authority of each emission limit and permit condition.



**FACILITY PERMIT TO CONSTRUCT
SFPP, L.P. (NSR USE ONLY)**

PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AT THIS FACILITY:

Application No.	Equipment description	Page
570271		3

NOTE: ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT WILL NOT BE FOUND IN THIS TITLE V PERMIT



**FACILITY PERMIT TO CONSTRUCT
SFPP, L.P. (NSR USE ONLY)**

PERMIT TO CONSTRUCT

**Granted as of 6/25/15
A/N 570271**

Equipment Description:

MODIFICATION OF AN EXISTING VAPOR RECOVERY SYSTEM, SERVING LOADING RACK 1 AND LOADING RACK 2, PREVIOUSLY PERMITTED UNDER A/N 482011:G28981) CONSISTING OF:

1. VAPOR HOLDING TANK (V-102), CAPACITY 126,420 GALLONS. 30'-0" DIA. X 24'-0" H., VENTED TO AFTERBURNER
2. AFTERBURNER, JOHN ZINK, 8'-0" DIA. X 45'-0" H., 63 MM BTU/HR., WITH A 10 H.P. BOOSTER BLOWER AND TWO AIR ASSIST BLOWERS. 2 HP EACH.

BY THE ADDITION OF AN OPTIONAL, PORTABLE VAPOR HOLDER (BACKUP), 3300 CUBIC FEET MINIMUM CAPACITY, VENTED TO AFTERBURNER

Conditions:

1. CONSTRUCTION AND OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE OPERATED SUCH THAT THE VAPORS FROM RACKS 1 AND 2 ARE COLLECTED IN ONE OF THE VAPOR HOLDERS PRIOR TO COMBUSTION IN THE AFTERBURNER.
4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE TEMPERATURE BEING MONITORED IS NOT LESS THAN 1400 DEGREES FAHRENHEIT, EXCEPT DURING THE TEMPERATURE VARYING SOURCE TEST AS DESCRIBED IN THIS CONDITION.

THE OPERATOR SHALL CONDUCT THE TEMPERATURE VARYING SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD TEST PROCEDURES AND WRITTEN RESULTS OF SUCH PERFORMANCE TESTS SHALL BE SUBMITTED TO THE SCAQMD WITHIN 60 DAYS OF TESTING. WRITTEN NOTICE OF THE TESTS SHALL BE PROVIDED TO THE SCAQMD 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.

ALL SOURCE TESTING AND ANALYTICAL METHODS SHALL BE SUBMITTED TO THE SCAQMD FOR APPROVAL AT LEAST 30 DAYS PRIOR TO START OF TESTS. THE TEST SHALL BE CONDUCTED AT THE MAXIMUM POSSIBLE TOTAL FLOW RATE AND SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET GAS TO THE COMBUSTOR AND THE COMBUSTOR EXHAUST AT EACH TEMPERATURE STEP DOWN STARTING AT 1400 DEGREES FOR:



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- A. TOTAL ORGANIC GASES/COMPOUNDS (NON-CH4, NON-CH2H6) IN PPMV AND LBS/HR
- B. DESTRUCTION EFFICIENCY FOR VOC
- C. NOX AND CO (EXHAUST ONLY)
- D. BENZENE, TOLUENE, XYLENES, ETHYLBENZENE AND MTBE (EXHAUST, IN PPMV AND LBS/HR)
- E. CARBON DIOXIDE
- F. NITROGEN
- G. OXYGEN
- H. MOISTURE CONTENT
- I. TEMPERATURE

[RULE 462, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET, 1401, 40 CFR 60 SUBPART XX]

- 5. WHEN THE BACKUP VAPOR HOLDER IS USED, THIS VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD FOR THE MAXIMUM GASOLINE THROUGHPUT OF THE LOADING RACKS ACCORDING TO THE FOLLOWING SCHEDULE:
 - A. OPERATOR SHALL APPLY TO CARB FOR CERTIFICATION NO LATER THAN 30 DAYS OF STARTUP OF THE BACKUP VAPOR HOLDER.
 - B. OPERATOR SHALL OBTAIN CARB CERTIFICATION WITHIN 180 DAYS OF STARTUP OF BACKUP VAPOR HOLDER.
 - C. OPERATOR SHALL FURNISH TO THE SCAQMD A COPY OF THE CARB CERTIFICATE WITHIN 15 DAYS OF ITS ISSUANCE. CERTIFICATION DATA AND INFORMATION SHALL BE SUBMITTED TOGETHER WITH COPY OF THE CERTIFICATE.

[RULE 462]

- 6. THIS PERMIT TO CONSTRUCT SHALL EXPIRE **JUNE 24, 2016** UNLESS AN EXTENSION IS 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.

[RULE 205]

Periodic Monitoring:

- 7. 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
VOC	Approved District Method	District Approved Averaging Time	Outlet

THE TEST(S) SHALL BE CONDUCTED AT LEAST ONCE EVERY 60 CALENDAR MONTHS.



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THE TEST SHALL BE CONDUCTED UNDER ACTUAL OPERATING CONDITIONS.

THE TEST SHALL DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.

THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH THE VOC EMISSION LIMIT ON THIS PERMIT.

[RULE 462, RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSETS, 3004(a)PERIODIC MONITORING, 40 CFR 60 SUBPART XX]

8. THE OPERATOR SHALL INSTALL AND MAINTAIN A CHART RECORDER TO RECORD THE TEMPERATURE OF THE EXHAUST GASES IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPROVED RULE 462 PLAN (APPLICATION NO. 324944), UNLESS OTHERWISE NOTED BELOW. THE RANGE OF THE CHART RECORDER SHALL BE SET SUCH THAT THE REQUIRED TEMPERATURE OF THE THERMAL OXIDIZER IS BETWEEN 30% AND 90% FULL SCALE. A DIGITAL READOUT OF THE TEMPERATURE SHALL BE MAINTAINED IN A LOCATION ACCESSIBLE TO AQMD PERSONNEL.

[RULE 462, RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING]

9. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS (EXCEPT DURING STEP TEST AS DESCRIBED IN CONDITION NO. 4):

THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,400 DEGREES FAHRENHEIT (ON A 15-MINUTE AVERAGE) WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION, EXCEPT FOR PERIODS OF START-UP AND SHUTDOWN. START-UP IS DEFINED AS THE PERIOD FROM IGNITION TO THE TIME WHEN 1400 DEGREES FAHRENHEIT IS ACHIEVED, NOT TO EXCEED 30 MINUTES. SHUTDOWN IS DEFINED AS THE PERIOD FROM WHEN THE VAPOR VALVE BEGINS TO SHUT AND IS COMPLETELY CLOSED SHUT, NOT TO EXCEED 30 MINUTES.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO



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DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.

[RULE 463, 1303(a)(1)-BACT, 1303(b)(2)-OFFSETS, 3004(a)(4)-PERIODIC MONITORING, 40CFR PART 64]

Emissions and Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: 0.1 GRAINS/SCF, RULE 409
VOC: 0.08 LBS/1000 GAL, RULE 462
VOC: 0.045 LBS/1000 GAL, RULE 1303(b)(2)-OFFSETS, RULE 1313(g)-EMISSION LIMITS
VOC: 35 MG/L, 40 CFR 60 SUBPART XX
NOX: 3127 LB/MONTH, RULE 1313(g)-EMISSION LIMITS
CO: 9198 LB/MONTH, RULE 1313(g)-EMISSION LIMITS