

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Facility Description and Equipment Specific Conditions (Section D)

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions, including periodic monitoring requirements and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMITTED EQUIPMENT LIST

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

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C-04449	M14707	STORAGE TANK FX RF W/CTL (NO. 178013)	8
C-04450	M14709	STORAGE TANK FX RF W/CTL (NO. 178014)	9
C-04451	M14710	STORAGE TANK FX RF W/CTL (NO. 178015)	10
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253846	R-D46270	STORAGE TANK FX RF W/INT FLT MIDDLE DISTILLATE (NO. 80069)	31
253847	R-D46272	STORAGE TANK FX RF W/INT FLT MIDDLE DISTILLATE (NO. 80071)	33
253848	R-D46273	STORAGE TANK FX RF W/INT FLT MIDDLE DISTILLATE (NO. 60066)	35
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283632	D76035	ICE (>500 HP) EM FIRE FIGHTING-DIESEL (SERIAL NO. 38S16243)	43
296232	D86568	BULK LOAD/UNLD, PET. MID. DISTIL, ADDITIVES	44
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342309	R-F16480	BULK LOAD/UNLOAD (>200,000 G/D) GASOLINE/DIESEL (RACK 2-B, LANES 3&4)	54
342312	R-F16481	BULK LOAD/UNLOAD (>200,000 G/D) GASOLINE/DIESEL (RACK 2-C, LANES 5&6)	57
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342317	R-F16483	BULK LOAD/UNLOAD (>200,000 G/D) GASOLINE/DIESEL (RACK 1-B, LANES 9&10)	63
374381	F37275	VAPOR RECOVERY SYSTEM, AFTERBURNER NO. 2	66
444898	F77355	STORAGE TANK FX RF W/INT FLOATER (NO. 150051)	69
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466326	G6092	STORAGE TANK FX RF W/INT FLOATER (NO. 80005)	110
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NOTE: ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

FACILITY WIDE CONDITION(S)

Condition(s):

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 RINGLEMANN 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]
2. THE OPERATOR SHALL NOT USE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 0.05 PERCENT BY WEIGHT. ON OR AFTER JUNE 1, 2004, THE OPERATOR SHALL NOT PURCHASE DIESEL FUEL UNLESS THE FUEL IS LOW SULFUR DIESEL FOR WHICH THE SULFUR CONTENT SHALL NOT EXCEED 15 PPM BY WEIGHT.
[RULE 431.2]
3. THE OPERATOR SHALL NOT USE FUEL OIL IN ANY STATIONARY, EMERGENCY, COMPRESSION IGNITION ENGINE UNLESS THE FUEL OIL IS A CARB DIESEL FUEL OR ANY ALTERNATIVE FUEL THAT MEETS THE REQUIREMENTS OF RULE 1470.
[RULE 1470]
4. THIS FACILITY IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 1173
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCE)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M02233
A/N C-04444

Equipment Description:

STORAGE TANK NO. 9548, 48'-0" DIA. X 29'-0" H., 9500 BBL CAPACITY, FIXED ROOF WITH A PRESSURE/VACUUM RELIEF VALVE

Conditions:

1. WHEN STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS, THIS TANK MUST BE CONNECTED TO A VAPOR CONTROL SYSTEM WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE AIR POLLUTION CONTROL OFFICER.
[RULE 463]
2. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M02234
A/N C-04446

Equipment Description:

STORAGE TANK NO. 25050, 75'-0" DIA. X 51'-0" H., 25,000 BBL CAPACITY, SPHEROID, WITH A PRESSURE/VACUUM RELIEF VALVE

Conditions:

1. WHEN STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS, THIS TANK MUST BE CONNECTED TO A VAPOR CONTROL SYSTEM WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE AIR POLLUTION CONTROL OFFICER.
[RULE 463]
2. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M14707
A/N C-04449

Equipment Description:

TANK NO. 178013, 175'-0" D. X 41'-06" H., 178,000 BBL. CAPACITY, RIVETED SHELL FIXED ROOF

Conditions:

1. WHEN STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS, THIS TANK MUST BE CONNECTED TO A VAPOR CONTROL SYSTEM WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE AIR POLLUTION CONTROL OFFICER.
[RULE 463]
2. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
3. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M14709
A/N C-04450

Equipment Description:

TANK NO. 178014, 175'-0" D. X 41'-06" H., 178,000 BBL. CAPACITY, RIVETED SHELL FIXED ROOF

Conditions:

1. WHEN STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS, THIS TANK MUST BE CONNECTED TO A VAPOR CONTROL SYSTEM WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE AIR POLLUTION CONTROL OFFICER.
[RULE 463]
2. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
3. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M14710
A/N C-04451

Equipment Description:

TANK NO. 178015, 175'-0" D. X 41'-06" H., 178,000 BBL. CAPACITY, RIVETED SHELL FIXED ROOF

Conditions:

1. WHEN STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS, THIS TANK MUST BE CONNECTED TO A VAPOR CONTROL SYSTEM WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE AIR POLLUTION CONTROL OFFICER.
[RULE 463]
2. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
3. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M14651
A/N C-04452

Equipment Description:

TANK NO. 178016, 175'-0" D. X 41'-06" H., 178,000 BBL. CAPACITY, RIVETED SHELL FIXED ROOF

Conditions:

1. WHEN STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS, THIS TANK MUST BE CONNECTED TO A VAPOR CONTROL SYSTEM WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE AIR POLLUTION CONTROL OFFICER.
[RULE 463]
2. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
3. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

**Permit No. M12937
A/N C-17230**

Equipment Description:

STORAGE TANK NO. 16034, 50'-0" D. X 48'-0" H., 16,000 BBL CAPACITY, WELDED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THE ROOF MUST BE KEPT FLOATING AT ALL TIMES, EXCEPT WHEN SUPPORTED ON THE LEGS FOR THE PURPOSE OF EMPTYING THE TANK. WHEN THE ROOF IS ON ITS LEGS, THE TANK MUST BE EMPTIED OF ORGANIC MATERIALS AS RAPIDLY AS POSSIBLE. TO PREVENT EXCESSIVE FILLING LOSSES, WATER SHOULD BE USED FOR REFLOATING THE ROOF.
[RULE 463, 1149]
2. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
HAP/TOC: 40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M12938
A/N C-17231

Equipment Description:

STORAGE TANK NO. 16041, 50'-0" D. X 48'-0" H., 16,000 BBL CAPACITY, WELDED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THE ROOF MUST BE KEPT FLOATING AT ALL TIMES, EXCEPT WHEN SUPPORTED ON THE LEGS FOR THE PURPOSE OF EMPTYING THE TANK. WHEN THE ROOF IS ON ITS LEGS, THE TANK MUST BE EMPTIED OF ORGANIC MATERIALS AS RAPIDLY AS POSSIBLE.
[RULE 463, 1149]
2. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M13116
A/N C-20124

Equipment Description:

STORAGE TANK NO. 80011, 117'-0" D. X 42'-0" H., 80,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
2. THE ROOF MUST BE KEPT FLOATING AT ALL TIMES, EXCEPT WHEN SUPPORTED ON THE LEGS FOR THE PURPOSE OF EMPTYING THE TANK. WHEN THE ROOF IS ON ITS LEGS, THE TANK MUST BE EMPTIED OF ORGANIC MATERIALS AS RAPIDLY AS POSSIBLE.
[RULE 463, 1149]
3. THE CUMULATIVE GAP AREA BETWEEN THE SECONDARY SEAL AND THE TANK WALL SHALL NOT EXCEED THE GAP AREA ALLOWED FOR A SECONDARY SEAL ON A WELDED SHALL TANK OF THE SAME DIAMETER THAT MEETS THE GAP REQUIREMENTS OF RULE 463.
[RULE 463]
4. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL MUST NOT EXCEED ½" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE ½" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTTS ARE MORE THAN ½" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF ½" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RLE 463]
5. THE PRIMARY SEAL SHALL BE MADE AVAILABLE AT LEAST ANNUALLY FOR INSPECTION AT A MINIMUM OF FOUR DIFFERENT LOCATIONS SELECTED BY THE EXECUTIVE OFFICER.
[RULE 463]
6. THE GAP CRITERIA FOR THE PRIMARY METALLIC SHOE SEAL AS OUTLINED IN RULE 463 SHALL REMAIN IN EFFECT.
[RULE 463]
7. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M17087
A/N C-23796

Equipment Description:

STORAGE TANK NO. 80019, 117'-2" D. X 42'-10" H., 80,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
2. THE CUMULATIVE GAP AREA BETWEEN THE SECONDARY SEAL AND THE TANK WALL SHALL NOT EXCEED THE GAP AREA ALLOWED FOR A SECONDARY SEAL ON A WELDED SHALL TANK OF THE SAME DIAMETER THAT MEETS THE GAP REQUIREMENTS OF RULE 463.
[RULE 463]
3. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL MUST NOT EXCEED ½" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE ½" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTTS ARE MORE THAN ½" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF ½" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RULE 463]
4. THE PRIMARY SEAL SHALL BE MADE AVAILABLE AT LEAST ANNUALLY FOR INSPECTION AT A MINIMUM OF FOUR DIFFERENT LOCATIONS SELECTED BY THE EXECUTIVE OFFICER.
[RULE 463]
5. THE GAP CRITERIA FOR THE PRIMARY METALLIC SHOE SEAL AS OUTLINED IN RULE 463 SHALL REMAIN IN EFFECT.
[RULE 463]
6. AT ANY TIME THE FLOATING ROOF IS RESTING ON ITS LEGS, ORGANIC EMISSIONS FROM THE TANK MUST BE CONTROLLED BY A METHOD APPROVED BY THE EXECUTIVE OFFICER TO ACHIEVE A REDUCTION OF AT LEAST 95 PERCENT.
[RULE 1149]
7. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M14789
A/N C-23797

Equipment Description:

STORAGE TANK NO. 80023, 117'-2" D. X 41'-10" H., 80,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
2. THE CUMULATIVE GAP AREA BETWEEN THE SECONDARY SEAL AND THE TANK WALL SHALL NOT EXCEED THE GAP AREA ALLOWED FOR A SECONDARY SEAL ON A WELDED SHALL TANK OF THE SAME DIAMETER THAT MEETS THE GAP REQUIREMENTS OF RULE 463.
[RULE 463]
3. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL MUST NOT EXCEED ½" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE ½" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTTS ARE MORE THAN ½" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF ½" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RULE 463]
4. AFTER INSTALLATION OF THE SECONDARY SEAL, THE PRIMARY SEAL SHALL BE MADE AVAILABLE AT LEAST ANNUALLY FOR INSPECTION AT A MINIMUM OF FOUR DIFFERENT LOCATIONS SELECTED BY THE EXECUTIVE OFFICER.
[RULE 463]
5. THE GAP CRITERIA FOR THE PRIMARY METALLIC SHOE SEAL AS OUTLINED IN RULE 463 SHALL REMAIN IN EFFECT.
[RULE 463]
6. THE ROOF MUST BE KEPT FLOATING AT ALL TIMES, EXCEPT WHEN SUPPORTED ON THE LEGS FOR THE PURPOSE OF EMPTYING THE TANK. WHEN THE ROOF IS ON ITS LEGS, THE TANK MUST BE EMPTIED OF ORGANIC MATERIALS AS RAPIDLY AS POSSIBLE.
[RULE 463, 1149]
7. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M14790
A/N C-23798

Equipment Description:

STORAGE TANK NO. 80008, 117'-2" D. X 41'-10" H., 80,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
2. THE CUMULATIVE GAP AREA BETWEEN THE SECONDARY SEAL AND THE TANK WALL SHALL NOT EXCEED THE GAP AREA ALLOWED FOR A SECONDARY SEAL ON A WELDED SHALL TANK OF THE SAME DIAMETER THAT MEETS THE GAP REQUIREMENTS OF RULE 463.
[RULE 463]
3. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL MUST NOT EXCEED ½" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE ½" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTTS ARE MORE THAN ½" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF ½" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RULE 463]
4. AFTER INSTALLATION OF THE SECONDARY SEAL, THE PRIMARY SEAL SHALL BE MADE AVAILABLE AT LEAST ANNUALLY FOR INSPECTION AT A MINIMUM OF FOUR DIFFERENT LOCATIONS SELECTED BY THE EXECUTIVE OFFICER.
[RULE 463]
5. THE GAP CRITERIA FOR THE PRIMARY METALLIC SHOE SEAL AS OUTLINED IN RULE 463 SHALL REMAIN IN EFFECT.
[RULE 463]
6. THE ROOF MUST BE KEPT FLOATING AT ALL TIMES, EXCEPT WHEN SUPPORTED ON THE LEGS FOR THE PURPOSE OF EMPTYING THE TANK. WHEN THE ROOF IS ON ITS LEGS, THE TANK MUST BE EMPTIED OF ORGANIC MATERIALS AS RAPIDLY AS POSSIBLE.
[RULE 463, 1149]
7. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M17088
A/N C-23799

Equipment Description:

STORAGE TANK NO. 80007, 117'-2" D. X 42'-10" H., 80,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
2. THE CUMULATIVE GAP AREA BETWEEN THE SECONDARY SEAL AND THE TANK WALL SHALL NOT EXCEED THE GAP AREA ALLOWED FOR A SECONDARY SEAL ON A WELDED SHALL TANK OF THE SAME DIAMETER THAT MEETS THE GAP REQUIREMENTS OF RULE 463.
[RULE 463]
3. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL MUST NOT EXCEED ½" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE ½" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTTS ARE MORE THAN ½" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF ½" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RULE 463]
4. THE PRIMARY SEAL SHALL BE MADE AVAILABLE AT LEAST ANNUALLY FOR INSPECTION AT A MINIMUM OF FOUR DIFFERENT LOCATIONS SELECTED BY THE EXECUTIVE OFFICER.
[RULE 463]
5. THE GAP CRITERIA FOR THE PRIMARY METALLIC SHOE SEAL AS OUTLINED IN RULE 463 SHALL REMAIN IN EFFECT.
[RULE 463]
6. AT ANYTIME THE FLOATING ROOF IS RESTING ON ITS LEGS, ORGANIC EMISSIONS FROM THE TANK MUST BE CONTROLLED BY A METHOD APPROVED BY THE EXECUTIVE OFFICER TO ACHIEVE A REDUCTION OF AT LEAST 95 PERCENT.
[RULE 463, 1149]
7. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M17090
A/N C-23802

Equipment Description:

STORAGE TANK NO. 80010, 117'-2" D. X 42'-10" H., 80,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
2. THE CUMULATIVE GAP AREA BETWEEN THE SECONDARY SEAL AND THE TANK WALL SHALL NOT EXCEED THE GAP AREA ALLOWED FOR A SECONDARY SEAL ON A WELDED SHALL TANK OF THE SAME DIAMETER THAT MEETS THE GAP REQUIREMENTS OF RULE 463.
[RULE 463]
3. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL MUST NOT EXCEED ½" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE ½" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTTS ARE MORE THAN ½" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF ½" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RULE 463]
4. THE PRIMARY SEAL SHALL BE MADE AVAILABLE AT LEAST ANNUALLY FOR INSPECTION AT A MINIMUM OF FOUR DIFFERENT LOCATIONS SELECTED BY THE EXECUTIVE OFFICER.
[RULE 463]
5. THE GAP CRITERIA FOR THE PRIMARY METALLIC SHOE SEAL AS OUTLINED IN RULE 463 SHALL REMAIN IN EFFECT.
[RULE 463]
6. AT ANYTIME THE FLOATING ROOF IS RESTING ON ITS LEGS, ORGANIC EMISSIONS FROM THE TANK MUST BE CONTROLLED BY A METHOD APPROVED BY THE EXECUTIVE OFFICER TO ACHIEVE A REDUCTION OF AT LEAST 95 PERCENT.
[RULE 463, 1149]
7. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. M14794
A/N C-23803

Equipment Description:

STORAGE TANK NO. 80009, 117'-2" D. X 41'-10" H., 80,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, EXTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL AND A SECONDARY SEAL.

Conditions:

1. THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
2. THE CUMULATIVE GAP AREA BETWEEN THE SECONDARY SEAL AND THE TANK WALL SHALL NOT EXCEED THE GAP AREA ALLOWED FOR A SECONDARY SEAL ON A WELDED SHALL TANK OF THE SAME DIAMETER THAT MEETS THE GAP REQUIREMENTS OF RULE 463.
[RULE 463]
3. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL MUST NOT EXCEED ½" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE ½" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTTS ARE MORE THAN ½" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NO GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF ½" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.
[RULE 463]
4. AFTER INSTALLATION OF THE SECONDARY SEAL, THE PRIMARY SEAL SHALL BE MADE AVAILABLE AT LEAST ANNUALLY FOR INSPECTION AT A MINIMUM OF FOUR DIFFERENT LOCATIONS SELECTED BY THE EXECUTIVE OFFICER.
[RULE 463]
5. THE GAP CRITERIA FOR THE PRIMARY METALLIC SHOE SEAL AS OUTLINED IN RULE 463 SHALL REMAIN IN EFFECT.
[RULE 463]
6. THE ROOF MUST BE KEPT FLOATING AT ALL TIMES, EXCEPT WHEN SUPPORTED ON THE LEGS FOR THE PURPOSE OF EMPTYING THE TANK. WHEN THE ROOF IS ON ITS LEGS, THE TANK MUST BE EMPTIED OF ORGANIC MATERIALS AS RAPIDLY AS POSSIBLE.
[RULE 463,1149]
7. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCES)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. D78448
A/N 185669

Equipment Description:

TANK, GASOLINE ADDITIVE, 12000 GALLON CAPACITY, HORIZONTAL, 8'-1/2" DIA. X 31'-9" L.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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 TANK SHALL ONLY BE USED FOR STORING GASOLINE ADDITIVE.
[RULE 204]
4. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 204]
5. RECORDS OF THRUPUT AND VAPOR PRESSURE OF STORED LIQUID SHALL BE MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE SCAQMD.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-D46271
A/N 253845

Equipment Description:

STORAGE TANK NO. 80072, 112'-0" D. X 50'-0" H., 80,000 BARREL CAPACITY, INTERNAL FLOATING ROOF WITH DISTRICT APPROVED HMT PRIMARY MINI SHOE SEAL AND HMT SECONDARY REGULAR WIPER TIP SEAL, MIDDLE DISTILLATE.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THESE TANKS SHALL BE USED TO STORE ONLY LIQUIDS WITH A TRUE VAPOR PRESSURE OF NOT MORE THAN 1.5 PSIA AT 70 DEGREES FAHRENHEIT.
[RULE 1303(b)(2)-OFFSETS, 1401]
4. AFTER CONSTRUCTION OF THE INTERNAL FLOATING ROOF HAS BEEN COMPLETED, THE DISTRICT SHALL BE NOTIFIED SO THAT THE INTERNAL FLOATING ROOF AND PRIMARY SEAL CONFIGURATION MAY BE INSPECTED.
[RULE 463, 40 CFR 60 SUBPART Kb]
5. THE HYDROCARBON VAPOR SPACE CONCENTRATION SHALL NOT EXCEED 30% OF LOWER EXPLOSIVE LIMIT.
[RULE 463, 1178]
6. INSTALLATION OF THE APPROVED SECONDARY SEAL MAY NOT COMMENCE UNTIL THE SHOE/TUBE/WIPER PRIMARY HAS BEEN INSPECTED AND APPROVED.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 463, 1178, 40 CFR 60 SUBPART Kb]
8. THROUGHPUT TO THIS TANK SHALL NOT EXCEED 96 TURNOVERS PER YEAR. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT AND PAINTING RECORDS, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 1401, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb

THIS PERMIT TO CONSTRUCT/OPERATE R-D46271 SUPERCEDES PERMIT TO CONSTRUCT/OPERATE D46271 ISSUED DECEMBER 31, 1991.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-D46270
A/N 253846

Equipment Description:

STORAGE TANK NO. 80069, 112'-0" D. X 50'-0" H., 80,000 BARREL CAPACITY, INTERNAL FLOATING ROOF WITH DISTRICT APPROVED HMT PRIMARY MINI SHOE SEAL AND HMT SECONDARY REGULAR WIPER TIP SEAL, MIDDLE DISTILLATE

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THESE TANKS SHALL BE USED TO STORE ONLY LIQUIDS WITH A TRUE VAPOR PRESSURE OF NOT MORE THAN 1.5 PSIA AT 70 DEGREES FAHRENHEIT.
[RULE 1303(b)(2)-OFFSETS, 1401]
4. AFTER CONSTRUCTION OF THE INTERNAL FLOATING ROOF HAS BEEN COMPLETED, THE DISTRICT SHALL BE NOTIFIED SO THAT THE INTERNAL FLOATING ROOF AND PRIMARY SEAL CONFIGURATION MAY BE INSPECTED.
[RULE 463, 40 CFR 60 SUBPART Kb]
5. THE HYDROCARBON VAPOR SPACE CONCENTRATION SHALL NOT EXCEED 30% OF LOWER EXPLOSIVE LIMIT.
[RULE 463, 1178]
6. INSTALLATION OF THE APPROVED SECONDARY SEAL MAY NOT COMMENCE UNTIL THE SHOE/TUBE/WIPER PRIMARY HAS BEEN INSPECTED AND APPROVED.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 463, 1178, 40 CFR 60 SUBPART Kb]
8. THROUGHPUT TO THIS TANK SHALL NOT EXCEED 96 TURNS PER YEAR. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT AND PAINTING RECORDS, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 1401, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb

THIS PERMIT TO CONSTRUCT/OPERATE R-D46270 SUPERCEDES PERMIT TO CONSTRUCT/OPERATE D46270 ISSUED DECEMBER 31, 1991

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-D46272
A/N 253847

Equipment Description:

STORAGE TANK NO. 80071, 112'-0" D. X 50'-0" H., 80,000 BARREL CAPACITY, INTERNAL FLOATING ROOF WITH DISTRICT APPROVED HMT PRIMARY MINI SHOE SEAL AND HMT SECONDARY REGULAR WIPER TIP SEAL, MIDDLE DISTILLATE

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THESE TANKS SHALL BE USED TO STORE ONLY LIQUIDS WITH A TRUE VAPOR PRESSURE OF NOT MORE THAN 1.5 PSIA AT 70 DEGREES FAHRENHEIT.
[RULE 1303(b)(2)-OFFSETS, 1401]
4. AFTER CONSTRUCTION OF THE INTERNAL FLOATING ROOF HAS BEEN COMPLETED, THE DISTRICT SHALL BE NOTIFIED SO THAT THE INTERNAL FLOATING ROOF AND PRIMARY SEAL CONFIGURATION MAY BE INSPECTED.
[RULE 463, 40 CFR 60 SUBPART Kb]
5. THE HYDROCARBON VAPOR SPACE CONCENTRATION SHALL NOT EXCEED 30% OF LOWER EXPLOSIVE LIMIT.
[RULE 463, 1178]
6. INSTALLATION OF THE APPROVED SECONDARY SEAL MAY NOT COMMENCE UNTIL THE SHOE/TUBE/WIPER PRIMARY HAS BEEN INSPECTED AND APPROVED.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 463, 1178, 40 CFR 60 SUBPART Kb]
8. THROUGHPUT TO THIS TANK SHALL NOT EXCEED 96 TURNS PER YEAR. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT AND PAINTING RECORDS, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 1401, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb

THIS PERMIT TO CONSTRUCT/OPERATE R-D46272 SUPERCEDES PERMIT TO CONSTRUCT/OPERATE D46272 ISSUED DECEMBER 31, 1991

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-D46273
A/N 253848

Equipment Description:

STORAGE TANK NO. 60066, 110'-0" D. X 40'-0" H., 60,000 BARREL CAPACITY, INTERNAL FLOATING ROOF WITH DISTRICT APPROVED HMT PRIMARY MINI SHOE SEAL AND HMT SECONDARY REGULAR WIPER TIP SEAL

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THESE TANKS SHALL BE USED TO STORE ONLY LIQUIDS WITH A TRUE VAPOR PRESSURE OF NOT MORE THAN 1.5 PSIA AT 70 DEGREES FAHRENHEIT.
[RULE 1303(b)(2)-OFFSETS, 1401]
4. AFTER CONSTRUCTION OF THE INTERNAL FLOATING ROOF HAS BEEN COMPLETED, THE DISTRICT SHALL BE NOTIFIED SO THAT THE INTERNAL FLOATING ROOF AND PRIMARY SEAL CONFIGURATION MAY BE INSPECTED.
[RULE 463, 40 CFR 60 SUBPART Kb]
5. THE HYDROCARBON VAPOR SPACE CONCENTRATION SHALL NOT EXCEED 30% OF LOWER EXPLOSIVE LIMIT.
[RULE 463, 1178]
6. INSTALLATION OF THE APPROVED SECONDARY SEAL MAY NOT COMMENCE UNTIL THE SHOE/TUBE/WIPER PRIMARY HAS BEEN INSPECTED AND APPROVED.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 463, 1178, 40 CFR 60 SUBPART Kb]
8. THROUGHPUT TO THIS TANK SHALL NOT EXCEED 96 TURNS PER YEAR. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT AND PAINTING RECORDS, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 1401, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb

THIS PERMIT TO CONSTRUCT/OPERATE R-D46273 SUPERCEDES PERMIT TO CONSTRUCT/OPERATE D46273 ISSUED DECEMBER 31, 1991

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-D46274
A/N 253849

Equipment Description:

STORAGE TANK NO. 60067, 110'-0" D. X 40'-0" H., 60,000 BARREL CAPACITY, INTERNAL FLOATING ROOF WITH DISTRICT APPROVED HMT PRIMARY MINI SHOE SEAL AND HMT SECONDARY REGULAR WIPER TIP SEAL, MIDDLE DISTILLATE

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THESE TANKS SHALL BE USED TO STORE ONLY LIQUIDS WITH A TRUE VAPOR PRESSURE OF NOT MORE THAN 1.5 PSIA AT 70 DEGREES FAHRENHEIT.
[RULE 1303(b)(2)-OFFSETS, 1401]
4. AFTER CONSTRUCTION OF THE INTERNAL FLOATING ROOF HAS BEEN COMPLETED, THE DISTRICT SHALL BE NOTIFIED SO THAT THE INTERNAL FLOATING ROOF AND PRIMARY SEAL CONFIGURATION MAY BE INSPECTED.
[RULE 463, 40 CFR 60 SUBPART Kb]
5. THE HYDROCARBON VAPOR SPACE CONCENTRATION SHALL NOT EXCEED 30% OF LOWER EXPLOSIVE LIMIT.
[RULE 463, 1178]
6. INSTALLATION OF THE APPROVED SECONDARY SEAL MAY NOT COMMENCE UNTIL THE SHOE/TUBE/WIPER PRIMARY HAS BEEN INSPECTED AND APPROVED.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 463, 1178, 40 CFR 60 SUBPART Kb]
8. THROUGHPUT TO THIS TANK SHALL NOT EXCEED 96 TURNS PER YEAR. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT AND PAINTING RECORDS, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 1401, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb

THIS PERMIT TO CONSTRUCT/OPERATE R-D46274 SUPERCEDES PERMIT TO CONSTRUCT/OPERATE D46274 ISSUED DECEMBER 31, 1991

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-D46275
A/N 253850

Equipment Description:

STORAGE TANK NO. 60068, 110'-0" D. X 40'-0" H., 60,000 BARREL CAPACITY, INTERNAL FLOATING ROOF WITH DISTRICT APPROVED HMT PRIMARY MINI SHOE SEAL AND HMT SECONDARY REGULAR WIPER TIP SEAL, MIDDLE DISTILLATE,

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THESE TANKS SHALL BE USED TO STORE ONLY LIQUIDS WITH A TRUE VAPOR PRESSURE OF NOT MORE THAN 1.5 PSIA AT 70 DEGREES FAHRENHEIT.
[RULE 1303(b)(2)-OFFSETS, 1401]
4. AFTER CONSTRUCTION OF THE INTERNAL FLOATING ROOF HAS BEEN COMPLETED, THE DISTRICT SHALL BE NOTIFIED SO THAT THE INTERNAL FLOATING ROOF AND PRIMARY SEAL CONFIGURATION MAY BE INSPECTED.
[RULE 463, 40 CFR 60 SUBPART Kb]
5. THE HYDROCARBON VAPOR SPACE CONCENTRATION SHALL NOT EXCEED 30% OF LOWER EXPLOSIVE LIMIT.
[RULE 463, 1178]
6. INSTALLATION OF THE APPROVED SECONDARY SEAL MAY NOT COMMENCE UNTIL THE SHOE/TUBE/WIPER PRIMARY HAS BEEN INSPECTED AND APPROVED.
[RULE 463, 40 CFR 60 SUBPART Kb]
7. GAUGE HATCHES SHALL BE KEPT CLOSED EXCEPT DURING ACTUAL GAUGING OPERATIONS.
[RULE 463, 1178, 40 CFR 60 SUBPART Kb]
8. THROUGHPUT TO THIS TANK SHALL NOT EXCEED 96 TURNS PER YEAR. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT AND PAINTING RECORDS, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 1401, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1178
VOC: 40 CFR 60 SUBPART Kb

THIS PERMIT TO CONSTRUCT/OPERATE R-D46275 SUPERCEDES PERMIT TO CONSTRUCT/OPERATE D46275 ISSUED DECEMBER 31, 1991

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-D74374
A/N 282085

Equipment Description:

FOUR POSITION, TANK CAR, LPG AND ALCOHOL UNLOADING, PETROLEUM DISTILLATE TOP LOADING FACILITY, CONSISTING OF:

1. TWO 2" DIA. LPG UNLOADING ARM ASSEMBLIES
2. TWO 2" DIA. PRESSURE EQUALIZING VAPOR RETURN HOSE ASSEMBLIES
3. ONE 4" DIA. ADDITIVE BOTTOM UNLOADING LINE WITH HOSE CONNECTION
4. FOUR 3" DIA. PETROLEUM DISTILLATE TOP LOADING ARM ASSEMBLIES, EACH WITH 6" DROP TUBES.
5. TWO PETROLEUM DISTILLATE LOADING PUMPS, CENTRIFUGAL TYPE WITH MECHANICAL SEALS, ONE WITH A 60 HP MOTOR AND ONE WITH A 30 HP MOTOR (BOTH PUMPS ARE COMMON TO TRUCK LOADING RACK 2-A)
6. PUMP, LPG UNLOADING, ROTARY TYPE WITH MECHANICAL SEAL, WITH 10 HP MOTOR (COMMON TO LPG TRUCK UNLOADING FACILITY.
7. PUMP, ALCOHOL UNLOADING, TANDEM SEAL, WITH 10 HP MOTOR

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 14,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF ALL PRODUCTS TRANSFERRED AT TRUCK LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE PRIMARY THERMAL OXIDATION UNIT.
[RULE 462]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,800,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF GASOLINE, JET AND DIESEL FUELS TRANSFERRED TO CARGO TANKS AT THE LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE BACKUP THERMAL OXIDIZER.
[RULE 462]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 16,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE

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DEFINED AS THE THROUGHPUT FOR THE ENTIRE FACILITY (INCLUDING INCOMING CRUDE PRODUCTS).
[RULE 462]

Periodic Monitoring: NONE

Emissions and Requirements:

6. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

HAP/TOC: 60 CFR 63 SUBPART EEEE (MINOR SOURCE)

THIS PERMIT TO OPERATE R-D74374 SUPERCEDES PERMIT TO OPERATE D74374 ISSUED 6/18/93.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. D76035
A/N 283632

Equipment Description:

INTERNAL COMBUSTION ENGINE, FIRE PUMP, CATERPILLAR, DIESEL FUELED, MODEL NO. 3412T, SERIAL NO. 38S16243, 12 CYLINDERS, FOUR CYCLE, TURBOCHARGED, 660 BHP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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 ENGINE SHALL BE USED FOR FIREFIGHTING SERVICES ONLY.
[RULE 204, 1304(a)(4)-MODELING/OFFSET EXEMPTION]

Periodic Monitoring:

4. OPERATOR SHALL MAINTAIN PURCHASE RECORDS TO DEMONSTRATE THE FUEL USED IN THIS EQUIPMENT MEETS ARB SPECIFICATIONS.
[RULE 431.2, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. D86568
A/N 296232

Equipment Description:

ONE POSITION TRUCK, PETROLEUM PRODUCT BOTTOM UNLOADING, ADDITIVE BOTTOM LOADING FACILITY CONSISTING OF:

1. ONE 4" DIA. ADDITIVE BOTTOM LOADING ARM ASSEMBLY WITH API DRY-BREAK COUPLER
2. ONE 4" DIA. DIESEL BOTTOM UNLOADING ARM ASSEMBLY WITH HOSE CONNECTION AND BUTTERFLY BLOCK VALVE.
3. TWO 4" DIA. GASOLINE/TRANSMIX BOTTOM UNLOADING ARM ASSEMBLIES WITH HOSE CONNECTIONS AND BUTTERFLY BLOCK VALVES.
4. THREE 4" DIA. (TWO ALCOHOL AND ONE SLOPS) BOTTOM UNLOADING ARM ASSEMBLIES WITH HOSE CONNECTIONS AND BUTTERFLY BLOCK VALVES.
5. PUMP NO. 22, GASOLINE/TRANSMIX UNLOADING, GEAR TYPE WITH MECHANICAL SEAL AND 30 HP MOTOR.
6. PUMP NO. 56, ALCOHOL UNLOADING, CENTRIFUGAL WITH MECHANICAL SEAL AND 25 HP MOTOR.
7. PUMP NO. 41, ADDITIVE LOADING/UNLOADING, GEAR TYPE WITH MECHANICAL SEAL AND A 5 HP MOTOR.
8. ONE 1000 GALLON UNDERGROUND SLOP TANK

IN PLACE OF THE 2 HP MOTOR ASSOCIATED WITH THE ADDITIVE PUMPS:

9. PUMP NO. 25, SLOPS UNLOADING, CENTRIFUGAL WITH MECHANICAL SEAL AND 15 HP MOTOR AND A 2 HP MOTOR.
10. PUMP NO. 26, DIESEL UNLOADING, CENTRIFUGAL WITH MECHANICAL SEAL AND 20 HP MOTOR AND A 2 HP MOTOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE USED FOR LOADING MORE THAN 20,000 GALLONS PER DAY OF ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL LOADING CONDITIONS.
[RULE 1303(b)(1)-OFFSETS]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 14,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF ALL PRODUCTS TRANSFERRED AT TRUCK LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE PRIMARY THERMAL OXIDATION UNIT.
[RULE 462]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,800,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF GASOLINE, JET AND DIESEL FUELS TRANSFERRED TO CARGO TANKS AT THE LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE BACKUP THERMAL OXIDIZER.
[RULE 462]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 16,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE THROUGHPUT FOR THE ENTIRE FACILITY (INCLUDING INCOMING CRUDE PRODUCTS).
[RULE 462]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: 0.08 LB/1000 GALLONS, RULE 462
TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC: 10 MG/L, 40 CFR 63 SUBPART R (MAJOR SOURCE)

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PERMIT TO OPERATE

Permit No. D96665
A/N 311520

Equipment Description:

VAPOR RECOVERY SYSTEM CONSISTING OF:

1. SPHERICAL GAS HOLDER, 35,000 CU. FT. CAPACITY, 34'-0" DIA.
2. TWO COMPRESSORS, EACH WITH A CAPACITY OF 34,500 CFM AND EACH WITH A 100 HP MOTOR (ONE SPARE)
3. VAPOR ENRICHER, 4'-0" DIA. X 6'-6" H.
4. ABSORBER, 3'-0" DIA. X 8'-0" H. (BOTTOM), AND 2'-0" DIA. X 14'-0" H. (TOP)
5. TWO COMPRESSOR INTERSTAGE COOLERS
6. ENRICHER FEED PUMP (NO.P-2), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND 20 HP MOTOR.
7. ABSORBER FEED PUMP (NO. P-1), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND 50 HP MOTOR.
8. GAS TRAP, FLOW EQUIPMENT COMPANY
9. TWO FIRST STAGE DISCHARGE GAS SCRUBBERS
10. TWO 2" NEPTUNE RED SEAL METERS
11. AIR ELIMINATOR, 3'-0" DIA., SPHERICAL
12. TWO LAMSON MODEL D-3, 3 STAGE CENTRIFUGAL BLOWERS, EACH WITH A 20 HP MOTOR

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THE VAPOR SPHERE SHALL BE PREVENTED FROM VENTING BY CONTROLLING THE ORGANIC LIQUIDS LOADING OPERATIONS SO AS NOT TO EXCEED THE EFFECTIVE TOTAL CAPACITY OF THE COMPRESSOR AND THE VAPOR SPHERE AT ANY TIME.
[RULE 204]
4. TANK STORAGE EMISSIONS SHALL NOT BE VENTED TO THIS LOADING RACK VAPOR RECOVERY SYSTEM.
[RULE 204]
5. ANY VENT GAS OR TAIL GAS SHALL BE ROUTED EITHER TO THE VAPOR SPHERE OR TO THE THERMAL OXIDIZER WHICH IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. F13886
A/N 338818

Equipment Description:

BULK TERMINAL NO. 1 VAPOR COLLECTION/BURNER/INCINERATION SYSTEM CONSISTING OF:

1. VAPOR COLLECTION UNIT WITH A LIQUID KNOCKOUT DRUM, 3' DIA. X 7'-6" H., AN INFLUENT DETONATION ARRESTOR, AND TWO 1.4 TO 50 H.P. VARIABLE FREQUENCY DRIVE VAPOR BLOWERS EQUIPPED WITH TANDEM SEALS WITH AN EXIT DETONATION ARRESTOR, COMMON TO INCINERATORS 1 AND 2, SERVING TANKS NOS. 80001 THROUGH 80012, 80017, 80022, 80065, 150050 THROUGH 150055, 150062, 100057 THROUGH 100061, 100063 AND 100064.
2. VAPOR RECOVERY HEADER, SERVING TANKS 9548, 25050, 178013 THROUGH 178016, 178018 AND SERVING FIVE LOADING RACKS, COMMON TO INCINERATORS 1 AND 2.
3. VAPOR BLADDER TANK, WITH A VAPOR COMPRESSION/ABSORPTION UNIT, COMMON TO INCINERATORS 1 AND 2.
4. BURNER/INCINERATOR NO. 1, DIRECT GAS FIRED, 12'-0" DIA. X 40'-0" H., WITH FOUR TWO-STAGE BURNERS OPERATING IN PRIMARY STAGE ONLY, A CONTROL AND INSTRUMENTATION SYSTEM.
5. TWO 22,000 CU.FT. GAS HOLDERS, WITH BLADDER HEIGHT MONITORING AND RECORDING SYSTEM, COMMON TO INCINERATORS 1 AND 2
6. CROSS-CONNECTION LINE AND SWITCHING VALVE TO NO. 2 INCINERATOR SYSTEM.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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]

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3. THIS INCINERATOR SHALL BE IN OPERATION DURING DEGASSING OPERATION OF A TANK IT SERVES.
[RULE 1149]
4. THIS INCINERATOR SHALL BE OPERATED AT A TEMPERATURE OF 1200 DEGREES FAHRENHEIT OR GREATER OR AT A DESTRUCTION EFFICIENCY OF AT LEAST 95% ACROSS THE UNIT. THE TEMPERATURE OF THE INCINERATOR SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT, 1401]
5. THE OPERATOR SHALL MAINTAIN A SAMPLING AND TESTING FACILITY IN ACCORDANCE WITH RULE 217.
[RULE 217]
6. ANNUAL TESTS SHALL BE CONDUCTED TO DETERMINE DESTRUCTION EFFICIENCY OF THE UNIT, ACCORDING TO DISTRICT APPROVED TEST PROTOCOL. THE TEST DATA SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS FROM THE DATE THE TEST WAS CONDUCTED.
[RULE 462]
7. THIS VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD FOR A MAXIMUM GASOLINE THROUGHPUT FOR THE FIVE LOADING RACKS.
[RULE 462]
8. BLADDER NO. 1 HEIGHT SHALL NOT MAINTAIN A HEIGHT OF 32'-11" FOR MORE THAN FIVE MINUTES OR OTHER MAXIMUM HEIGHT AS SPECIFIED BY THE EXECUTIVE OFFICER IN WRITING. THE BLADDER NO. 1 HEIGHT SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring:

9. THE OPERATOR SHALL MONITOR LEAKS FROM THIS EQUIPMENT ACCORDING TO RULE 1173.
[RULE 463, 1173, 3004(a)(4)-PERIODIC MONITORING]
10. THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS TEMPERATURE MONITORING AND RECORDING DEVICE TO MEASURE AND RECORD THE TEMPERATURE OF THE VAPOR COMBUSTION CHAMBER. THE MEASURING DEVICE OR GAUGE SHALL BE ACCURATE WITHIN PLUS OR MINUS 1 PERCENT. IT SHALL BE CALIBRATED ONCE EVERY 12 MONTHS.
[RULE 463, 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING]
11. THE OPERATOR SHALL CONDUCT PERFORMANCE TESTING OF THE CONTROL EQUIPMENT EVERY FIVE (5) YEARS TO DETERMINE THE VOLATILE ORGANIC COMPOUNDS (VOC) EMISSION RATE (IN POUNDS PER 1000 GALLONS LOADED) AND THE VOC CONTROL EFFICIENCY.
[RULE 463, 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

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

CO:	2000 PPM, RULE 407
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
VOC:	0.08 LB/1000 GALLONS, RULE 462, 1303
VOC:	≥95% CONTROL EFFICIENCY, RULE 463
TOC/VOC:	35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC:	10 MG/L, 40 CFR 63 SUBPART R

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-F16479
A/N 342308

Equipment Description:

TWO POSITION GASOLINE AND DIESEL TANK TRUCK LOADING RACK, 2-A (LANES 1 & 2) CONSISTING OF:

1. SIX BOTTOM LOADING ARMS EQUIPPED WITH API DRY-BREAK COUPLERS
2. FOUR VAPOR HOSES VENTING TO A VAPOR CONTROL SYSTEM
3. PUMP NO. 78, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
4. PUMP NO. 65, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 200 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
5. PUMP NO. 49, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
6. PUMP NO. 37, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 60 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
7. PUMP NO. 48, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
8. PUMP NO. 51, LOADING, CENTRIFUGAL, SINGLE STAGE, HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
9. PUMP NO. 39, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 100 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
10. PUMP NO. 45, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 150 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
11. PUMP NO. 59, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
12. PUMP NO. 60, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
13. PUMP NO. 27, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 30 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)

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14. PUMP NO. 40, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
15. PUMP NO. 81, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
16. PUMP NO. 82, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
17. PUMP NO. 109, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
18. PUMP NO. 110, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
19. PUMP NO. 34, LOADING, CENTRIFUGAL (SPARE), SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
20. PUMP NO. 44, LOADING, CENTRIFUGAL (SPARE), SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)
21. PUMP NO. 46, LOADING, CENTRIFUGAL (SPARE), SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-B AND 2-C)

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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 NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, 1303(a)(1)-BACT, 40 CFR 60 SUBPART XX, 40 CFR 63 SUBPART R]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 14,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF ALL PRODUCTS TRANSFERRED AT TRUCK LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE PRIMARY THERMAL OXIDATION UNIT.
[RULE 462]

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5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,800,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF GASOLINE, JET AND DIESEL FUELS TRANSFERRED TO CARGO TANKS AT THE LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE BACKUP THERMAL OXIDIZER.
[RULE 462]

6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 16,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE THROUGHPUT FOR THE ENTIRE FACILITY (INCLUDING INCOMING CRUDE PRODUCTS).
[RULE 462]

Periodic Monitoring:

Emissions and Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE FOLLOWING APPLICABLE RULES AND REGULATIONS:

VOC:	0.08 LB/1000 GALLONS, RULE 462, 1303
TOC/VOC:	35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC:	10 MG/L, 40 CFR 63 SUBPART R
VOC:	40 CFR 60 SUBPART XX

THIS PERMIT TO OPERATE R-F16479 SUPERCEDES PERMIT TO OPERATE F16479 ISSUED 10/15/1998.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-F16480
A/N 342309

Equipment Description:

TWO POSITION GASOLINE AND DIESEL TANK TRUCK LOADING RACK, 2-B (LANES 3 & 4) CONSISTING OF:

1. TEN (10) 4" BOTTOM LOADING ARMS EQUIPPED WITH API DRY-BREAK COUPLERS
2. FOUR (4) 3" VAPOR HOSES VENTING TO A VAPOR CONTROL SYSTEM
3. PUMP NO. 39, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 100 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
4. PUMP NO. 45, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 150 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
5. PUMP NO. 51, LOADING, CENTRIFUGAL, SINGLE STAGE, HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
6. PUMP NO. 59, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
7. PUMP NO. 60, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
8. PUMP NO. 27, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 30 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
9. PUMP NO. 40, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
10. PUMP NO. 37, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 60 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
11. PUMP NO. 48, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
12. PUMP NO. 49, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
13. PUMP NO. 81, ADDITIVE INJECTION, CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

14. PUMP NO. 82, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
15. PUMP NO. 78, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
16. PUMP NO. 65, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 200 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
17. PUMP NO. 109, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
18. PUMP NO. 110, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
19. PUMP NO. 34, LOADING (SPARE), CENTRIFUGAL, SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
20. PUMP NO. 44, LOADING (SPARE), CENTRIFUGAL (SPARE), SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)
21. PUMP NO. 46, LOADING (SPARE), CENTRIFUGAL, SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-C)

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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 NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, 1303(a)(1)-BACT, 40 CFR 60 SUBPART XX, 40 CFR 63 SUBPART R]
- 4) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 14,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF ALL PRODUCTS TRANSFERRED AT TRUCK LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE PRIMARY THERMAL OXIDATION UNIT.
[RULE 462]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,800,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF GASOLINE, JET AND DIESEL FUELS TRANSFERRED TO CARGO TANKS AT THE LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE BACKUP THERMAL OXIDIZER.
[RULE 462]

6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 16,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE THROUGHPUT FOR THE ENTIRE FACILITY (INCLUDING INCOMING CRUDE PRODUCTS).
[RULE 462]

Periodic Monitoring:

Emissions and Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE FOLLOWING APPLICABLE RULES AND REGULATIONS:

VOC:	0.08 LB/1000 GALLONS, RULE 462, 1303
TOC/VOC:	35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC:	10 MG/L, 40 CFR 63 SUBPART R

THIS PERMIT TO OPERATE R-F16480 SUPERCEDES PERMIT TO OPERATE F16480 ISSUED 10/15/1998.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-F16481
A/N 342312

Equipment Description:

TWO POSITION TANK TRUCK LOADING RACK, 2-C (LANES 5 & 6) CONSISTING OF:

1. TWELVE (12) 4" BOTTOM LOADING ARMS EQUIPPED WITH API DRY-BREAK COUPLERS
2. FOUR (4) 3" VAPOR HOSES VENTING TO A VAPOR CONTROL SYSTEM
3. PUMP NO. 40, LOADING, CENTRIFUGAL, WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
4. PUMP NO. 45, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 150 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
5. PUMP NO. 51, LOADING, CENTRIFUGAL, SINGLE STAGE, HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
6. PUMP NO. 59, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
7. PUMP NO. 60, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
8. PUMP NO. 27, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 30 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
9. PUMP NO. 37, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 60 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
10. PUMP NO. 39, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 100 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
11. PUMP NO. 81, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
12. PUMP NO. 82, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
13. PUMP NO. 48, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)

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14. PUMP NO. 49, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
15. PUMP NO. 78, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
16. PUMP NO. 65, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 200 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
17. PUMP NO. 109, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
18. PUMP NO. 110, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGENT DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
19. PUMP NO. 34, LOADING (SPARE), CENTRIFUGAL, SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
20. PUMP NO. 44, LOADING (SPARE), CENTRIFUGAL (SPARE), SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)
21. PUMP NO. 46, LOADING (SPARE), CENTRIFUGAL, SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 1-B, 2-A AND 2-B)

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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 NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, 1303(a)(1)-BACT, 40 CFR 60 SUBPART XX, 40 CFR 63 SUBPART R]
- 4) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 14,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF ALL PRODUCTS TRANSFERRED AT TRUCK LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE PRIMARY THERMAL OXIDATION UNIT.
[RULE 462]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,800,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF GASOLINE, JET AND DIESEL FUELS TRANSFERRED TO CARGO TANKS AT THE LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE BACKUP THERMAL OXIDIZER.
[RULE 462]

6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 16,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE THROUGHPUT FOR THE ENTIRE FACILITY (INCLUDING INCOMING CRUDE PRODUCTS).
[RULE 462]

Periodic Monitoring:

Emissions and Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE FOLLOWING APPLICABLE RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS, RULE 462, 1303
TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC: 10 MG/L, 40 CFR 63 SUBPART R

THIS PERMIT TO OPERATE R-F16481 SUPERCEDES PERMIT TO OPERATE F16481 ISSUED 10/15/1998.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-F16482
A/N 342316

Equipment Description:

TWO POSITION TANK TRUCK LOADING RACK, 1-A (LANES 7 & 8) CONSISTING OF:

1. SIXTEEN (16) 4" BOTTOM LOADING ARMS EQUIPPED WITH API DRY-BREAK COUPLERS
2. FOUR (4) 3" VAPOR HOSES VENTING TO A VAPOR CONTROL SYSTEM
3. PUMP NO. 39, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 100 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
4. PUMP NO. 45, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 150 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
5. PUMP NO. 27, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 30 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
6. PUMP NO. 51, LOADING, CENTRIFUGAL, SINGLE STAGE, HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
7. PUMP NO. 59, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
8. PUMP NO. 60, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
9. PUMP NO. 40, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
10. PUMP NO. 37, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 60 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
11. PUMP NO. 78, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
12. PUMP NO. 65, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 200 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
13. PUMP NO. 49, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)

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14. PUMP NO. 48, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 30 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
15. PUMP NO. 81, ADDITIVE INJECTION, CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
16. PUMP NO. 82, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
17. PUMP NO. 109, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
18. PUMP NO. 110, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
19. PUMP NO. 34, LOADING (SPARE), CENTRIFUGAL, SINGLE STAGE HORIZONTAL TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
20. PUMP NO. 44, LOADING (SPARE), CENTRIFUGAL (SPARE), SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)
21. PUMP NO. 46, LOADING (SPARE), CENTRIFUGAL, SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-B, 2-A, 2-B AND 2-C)

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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 NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, 1303(a)(1)-BACT, 40 CFR 60 SUBPART XX, 40 CFR 63 SUBPART R]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 14,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF ALL PRODUCTS TRANSFERRED AT TRUCK LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE PRIMARY THERMAL OXIDATION UNIT.
[RULE 462]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,800,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF GASOLINE, JET AND DIESEL FUELS TRANSFERRED TO CARGO TANKS AT THE LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE BACKUP THERMAL OXIDIZER.
[RULE 462]

6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 16,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE THROUGHPUT FOR THE ENTIRE FACILITY (INCLUDING INCOMING CRUDE PRODUCTS).
[RULE 462]

Periodic Monitoring:

Emissions and Requirements:

4. THIS EQUIPMENT IS SUBJECT TO THE FOLLOWING APPLICABLE RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS, RULE 462, 1303
TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC: 10 MG/L, 40 CFR 63 SUBPART R

THIS PERMIT TO OPERATE R-F16482 SUPERCEDES PERMIT TO OPERATE F16482 ISSUED 10/15/1998.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. R-F16483
A/N 342317

Equipment Description:

TANK TRUCK LOADING RACK, 1-B (LANES 9 & 10) CONSISTING OF:

1. TWELVE (12) OPW BOTTOM LOADING ARMS OR EQUIVALENT, EACH LOADING ARM EQUIPPED WITH A J-451 COUPLER
2. FOUR (4) VAPOR RECOVERY ARMS WITH CAM-LOCK FITTINGS
3. TWELVE (12) TURBINE METERS
4. ONE 12,000 GALLON DETERGENT ADDITIVE TANK
5. PUMP NO. 108, UNLOADING, CENTRIFUGAL, 3-STAGE VERTICAL TURBINE, TANDEM SEAL WITH BARRIER FLUID, AND 10 HP MOTOR (INCLUDED TWO OFFLOADING CONNECTIONS ON LANE 10)
6. PUMP NO. 109, ADDITIVE INJECTION, CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
7. PUMP NO. 110, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
8. PUMP NO. 34, LOADING, CENTRIFUGAL, SINGLE STAGE HORIZONTAL TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
9. PUMP NO. 44, LOADING, CENTRIFUGAL, SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
10. PUMP NO. 46, LOADING, CENTRIFUGAL, SINGLE STAGE HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
11. PUMP NO. 78, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
12. PUMP NO. 39, GASOLINE LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 100 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
13. PUMP NO. 45, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 150 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
14. PUMP NO. 27, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 30 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)

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15. PUMP NO. 51, LOADING (SPARE), CENTRIFUGAL, SINGLE STAGE, HORIZONTAL, TANDEM SEAL, WITH BARRIER FLUID, AND 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
16. PUMP NO. 59, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
17. PUMP NO. 60, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL SEAL AND BARRIER FLUID, 125 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
18. PUMP NO. 40, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
19. PUMP NO. 37, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 60 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
20. PUMP NO. 65, LOADING (SPARE), CENTRIFUGAL, WITH MECHANICAL SEAL AND 200 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
21. PUMP NO. 49, LOADING, CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
22. PUMP NO. 48, LOADING (SPARE), CENTRIFUGAL, WITH DOUBLE MECHANICAL DRY RUNNING SEALS VENTED TO VAPOR CONTROL SYSTEM AND 50 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
23. PUMP NO. 81, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)
24. PUMP NO. 82, ADDITIVE INJECTION (SPARE), CENTRIFUGAL, WITH SEALLESS MAGNET DRIVE AND 2 HP MOTOR (COMMON TO LOADING FACILITY 1-A, 2-A, 2-B AND 2-C)

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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 NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, 1303(a)(1)-BACT, 40 CFR 60 SUBPART XX, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 14,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF ALL PRODUCTS TRANSFERRED AT TRUCK LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE PRIMARY THERMAL OXIDATION UNIT.
[RULE 462]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,800,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE SUM OF GASOLINE, JET AND DIESEL FUELS TRANSFERRED TO CARGO TANKS AT THE LOADING RACKS IN WHICH THE VENT GASES ARE CONTROLLED BY THE BACKUP THERMAL OXIDIZER.
[RULE 462]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 16,000,000 GALLONS PER DAY. FOR THE PURPOSES OF THIS CONDITION, THE TOTAL DAILY THROUGHPUT SHALL BE DEFINED AS THE THROUGHPUT FOR THE ENTIRE FACILITY (INCLUDING INCOMING CRUDE PRODUCTS).
[RULE 462]

Periodic Monitoring:

Emissions and Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE FOLLOWING APPLICABLE RULES AND REGULATIONS:

VOC:	0.08 LB/1000 GALLONS, RULE 462, 1303
TOC/VOC:	35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC:	10 MG/L, 40 CFR 63 SUBPART R

THIS PERMIT TO OPERATE R-F16483 SUPERCEDES PERMIT TO OPERATE F16483 ISSUED 10/15/1998.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. F37275
A/N 374381

Equipment Description:

BULK TERMINAL NO. 2 VAPOR COLLECTION/BURNER/INCINERATION SYSTEM CONSISTING OF:

1. VAPOR COLLECTION UNIT WITH A LIQUID KNOCKOUT DRUM, 3' DIA. X 7'-6" H., AN INFLUENT DETONATION ARRESTOR, AND TWO 1.4 TO 50 H.P. VARIABLE FREQUENCY DRIVE VAPOR BLOWERS EQUIPPED WITH TANDEM SEALS WITH AN EXIT DETONATION ARRESTOR, COMMON TO INCINERATORS 1 AND 2, SERVING TANKS NOS. 80001 THROUGH 80006, 80012, 80017, 80022, 80065, 150051, 150062, 100057 THROUGH 100061, 100063 AND 100064.
2. VAPOR RECOVERY HEADER, SERVING TANKS 9548, 25050, 178013 THROUGH 178016, 178018 AND SERVING FIVE LOADING RACKS, COMMON TO INCINERATORS 1 AND 2.
3. VAPOR BLADDER TANK, WITH A VAPOR COMPRESSION/ABSORPTION UNIT, COMMON TO INCINERATORS 1 AND 2.
4. BURNER/INCINERATOR NO. 2, DIRECT GAS FIRED, 12'-0" DIA. X 40'-0" H., WITH FOUR TWO-STAGE BURNERS OPERATING IN PRIMARY STAGE ONLY, A CONTROL AND INSTRUMENTATION SYSTEM.
5. TWO 22,000 CU.FT. GAS HOLDERS, WITH BLADDER HEIGHT MONITORING AND RECORDING SYSTEM, COMMON TO INCINERATORS 1 AND 2
6. CROSS-CONNECTION LINE AND SWITCHING VALVE TO NO. 1 INCINERATOR SYSTEM.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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 INCINERATOR SHALL BE IN OPERATION DURING DEGASSING OPERATION OF A TANK IT SERVES.
[RULE 1173]
4. THIS INCINERATOR SHALL BE OPERATED AT A TEMPERATURE OF 1200 DEGREES FAHRENHEIT OR GREATER OR AT A DESTRUCTION EFFICIENCY OF AT LEAST 95% ACROSS THE UNIT. THE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

TEMPERATURE OF THE INCINERATOR SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 462, 1303(a)(1)-BACT, 1401]

5. THE OPERATOR SHALL MAINTAIN A SAMPLING AND TESTING FACILITY IN ACCORDANCE WITH RULE 217.
[RULE 217]
6. ANNUAL TESTS SHALL BE CONDUCTED TO DETERMINE DESTRUCTION EFFICIENCY OF THE UNIT, ACCORDING TO DISTRICT APPROVED TEST PROTOCOL. THE TEST DATA SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS FROM THE DATE THE TEST WAS CONDUCTED.
[RULE 462]
7. THIS VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD FOR A MAXIMUM GASOLINE THROUGHPUT FOR THE FIVE LOADING RACKS.
[RULE 462]
8. BLADDER NO. 1 HEIGHT SHALL NOT MAINTAIN A HEIGHT OF 32'-11" FOR MORE THAN FIVE MINUTES OR OTHER MAXIMUM HEIGHT AS SPECIFIED BY THE EXECUTIVE OFFICER IN WRITING. THE BLADDER NO. 1 HEIGHT SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring:

9. THE OPERATOR SHALL MONITOR LEAKS FROM THIS EQUIPMENT ACCORDING TO RULE 1173.
[RULE 463, 1173, 3004(a)(4)-PERIODIC MONITORING]
10. THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS TEMPERATURE MONITORING AND RECORDING DEVICE TO MEASURE AND RECORD THE TEMPERATURE OF THE VAPOR COMBUSTION CHAMBER. THE MEASURING DEVICE OR GAUGE SHALL BE ACCURATE WITHIN PLUS OR MINUS 1 PERCENT. IT SHALL BE CALIBRATED ONCE EVERY 12 MONTHS.
[RULE 463, 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING]
11. THE OPERATOR SHALL INSTALL AND MAINTAIN THE THERMOCOUPLE AT A POSITION NOT LESS THAN 35 FEET ABOVEGROUND AND WITHIN THE EXHAUST STACK OF THE THERMAL OXIDIZER TO ACCURATELY MEASURE THE TEMPERATURE OF THE EXHAUST GAS.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING]
12. THE OPERATOR SHALL INSTALL AND MAINTAIN A STRIP 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. 324310), UNLESS OTHERWISE NOTED BELOW. THE RANGE OF THE STRIP 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 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

13. THE OPERATOR SHALL ENSURE THAT THE THERMOCOUPLE/CHART RECORDER IS PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES AND MEETS ALL APPLICABLE REQUIREMENTS OF 40CFR63.427.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING]
14. THE OPERATOR SHALL CALIBRATE THE THERMOCOUPLE/CHART RECORDER ONCE A YEAR, IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, SUCH THAT THE OVERALL ACCURACY IS WITHIN +/- 1% OR +/- 2 DEGREES CELSIUS, WHICHEVER IS GREATER.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING]
15. THE OPERATOR SHALL CONDUCT PERFORMANCE TESTING OF THE CONTROL EQUIPMENT EVERY FIVE (5) YEARS TO DETERMINE THE VOLATILE ORGANIC COMPOUNDS (VOC) EMISSION RATE (IN POUNDS PER 1000 GALLONS LOADED) AND THE VOC CONTROL EFFICIENCY.
[RULE 463, 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

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

CO: 2000 PPM, RULE 407
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
VOC: 0.08 LB/1000 GALLONS, RULE 462, 1303
VOC: \geq 95% CONTROL EFFICIENCY, RULE 463
TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC: 10 MG/L, 40 CFR 63 SUBPART R

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. F77355
A/N 444898

Equipment Description:

STORAGE TANK NO. 150051, 150'-0" D. X 48'-0" H., 150,000 BARREL CAPACITY, INTERNAL PAN-TYPE FLOATING ROOF, WITH CATEGORY A METALLIC SHOE PRIMARY SEAL, AND VAPOR COLLECTION UNIT CONNECTION

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING DRAIN-DRY/REFILLING OR DEGASSING OPERATION MODE, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION, AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER
[RULE 1149]
4. NO MORE THAN TWO TANKS SHALL BE IN THE DRAIN-DRY/REFILLING OR DEGASSING OPERATION MODE AT ANY TIME.
[RULE 1303(b)(2)-OFFSETS]
5. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT 4 – 8 MONTH INTERVALS.
[RULE 463, 1178]
6. THIS TANK SHALL BE USED TO STORE ONLY LIQUIDS WITH A TRUE VAPOR PRESSURE OF NOT MORE THAN 9 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-OFFSETS]
7. THROUGHPUT TO THIS TANK SHALL NOT EXCEED 3,003,000 BARRELS PER YEAR.
[RULE 1303(b)(2)-OFFSET]
8. CONDITIONS NO. 3 AND 4 SHALL NOT APPLY TO TANKS STORING OR REFILLING ORGANIC LIQUID WITH A VAPOR PRESSURE OF 0.5 PSIA OR LESS.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

[RULE 1149]

9. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

10. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. F77359
A/N 444903

Equipment Description:

STORAGE TANK NO. 150055, 150'-0" D. X 48'-0" H., 150,000 BARREL CAPACITY, INTERNAL PAN-TYPE FLOATING ROOF, WITH CATEGORY A METALLIC SHOE PRIMARY SEAL

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT 4 – 8 MONTH INTERVALS.
[RULE 463, 1178]
4. THIS TANK SHALL BE USED TO STORE ONLY LIQUIDS WITH A TRUE VAPOR PRESSURE OF NOT MORE THAN 9 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-OFFSETS]
5. THROUGHPUT TO THIS TANK SHALL NOT EXCEED 3,003,000 BARRELS PER YEAR.
[RULE 1303(b)(2)-OFFSET]
6. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

7. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. F79288
A/N 446997

Equipment Description:

STORAGE TANK, 3'-10.25" D. X 4'-0" H., 345 GALLON CAPACITY, FIXED ROOF, RED DYE, WITH A SEALLESS MAGNET DRIVE INJECTION PUMP, ½ HP MOTOR

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THROUGHPUT TO THIS TANK OF ORGANIC LIQUID SHALL NOT EXCEED 50 TURNS IN ANY ONE CALENDAR YEAR. TURNOVER SHALL BE DEFINED AS REPLACEMENT OF EMPTIED CONTAINER WITH NEW ONE. NO REFILLING OF EMPTIED CONTAINER SHALL BE CONDUCTED AT THIS FACILITY.
[RULE 1303(b)(2)-OFFSET]
4. RECORDS OF VAPOR PRESSURE AND THROUGHPUT OF STORED LIQUID SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSETS]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. F79289
A/N 446998

Equipment Description:

STORAGE TANK, 3'-10.25" D. X 4'-0" H., 345 GALLON CAPACITY, FIXED ROOF, RED DYE, WITH A SEALLESS MAGNET DRIVE INJECTION PUMP, ½ HP MOTOR

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THROUGHPUT TO THIS TANK OF ORGANIC LIQUID SHALL NOT EXCEED 50 TURNS IN ANY ONE CALENDAR YEAR. TURNOVER SHALL BE DEFINED AS REPLACEMENT OF EMPTIED CONTAINER WITH NEW ONE. NO REFILLING OF EMPTIED CONTAINER SHALL BE CONDUCTED AT THIS FACILITY.
[RULE 1303(b)(2)-OFFSET]
4. RECORDS OF VAPOR PRESSURE AND THROUGHPUT OF STORED LIQUID SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSETS]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. F79290
A/N 447000

Equipment Description:

STORAGE TANK, 3'-10.25" D. X 4'-0" H., 345 GALLON CAPACITY, FIXED ROOF, RED DYE, WITH A SEALLESS MAGNET DRIVE INJECTION PUMP, ½ HP MOTOR

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THROUGHPUT TO THIS TANK OF ORGANIC LIQUID SHALL NOT EXCEED 50 TURNS IN ANY ONE CALENDAR YEAR. TURNOVER SHALL BE DEFINED AS REPLACEMENT OF EMPTIED CONTAINER WITH NEW ONE. NO REFILLING OF EMPTIED CONTAINER SHALL BE CONDUCTED AT THIS FACILITY.
[RULE 1303(b)(2)-OFFSET]
4. RECORDS OF VAPOR PRESSURE AND THROUGHPUT OF STORED LIQUID SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSETS]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

**Permit No. G2639
A/N 457750**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3412, SERIAL NO. 38S09602, DIESEL-FUELED, 4-CYCLE, TURBOCHARGED, INTERCOOLED, 521 BHP, POWERING AN EMERGENCY FIRE PUMP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. THE SULFUR CONTENT OF THE FUEL OIL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 15 PPM BY WEIGHT.
[RULE 431.2]
4. A TIMER MUST BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OEPRATING TIME.
[RULE 1110.2, 1304(a)(4)-MODELING/OFFSET EXEMPTION, 1470]
5. THIS ENGINE MUST NOT BE OPERATED MORE THAN 12.6 HOURS IN ANY ONE DAY NOR MORE THAN 125 HOURS IN ANY ONE YEAR.
[RULE 1110.2, 1303(a)(1)-BACT, 1304(a)(4)-MODELING/OFFSET EXEMPTION]
6. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO THE AQMD UPON REQUEST.
[RULE 1110.2, 1470]
7. THE FUEL INJECTION TIMING OF THIS ENGINE MUST BE SET AND MAINTAINED AT 4 DEGREES RETARD RELATIVE TO STANDARD TIMING.
[RULE 1303 (a)(1)-BACT]

Periodic Monitoring:

8. OPERATOR SHALL MAINTAIN PURCHASE RECORDS TO DEMONSTRATE THE FUEL USED IN THIS EQUIPMENT MEETS ARB SPECIFICATIONS.
[RULE 431.2, 3004(a)(4)-PERIODIC MONITORING]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

PM: RULE 1470

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G3949
A/N 462716

Equipment Description:

STORAGE TANK NO. 80002, 117'-0" D. X 42'-0" H., PONTOON-TYPE, INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED DECK, WELDED SHELL, WITH CATEGORY A LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY B, RIM-MOUNTED WIPER SECONDARY SEAL, WITH VAPOR RECOVERY UNIT CONNECTION.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING DRAIN-DRY/REFILLING OR DEGASSING OPERATION MODE, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION, AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER
[RULE 1149]
5. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS, OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS, SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

[RULE 463, 1178]

7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 2,040,000 BARRELS PER CALENDAR MONTH OF PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) WITH REID VAPOR PRESSURE NOT TO EXCEED 13.5 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

9. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G3950
A/N 462718

Equipment Description:

STORAGE TANK NO. 80001, 117'-0" D. X 42'-0" H., PONTOON-TYPE, INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED DECK, WELDED SHELL, WITH CATEGORY A LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY B, RIM-MOUNTED WIPER SECONDARY SEAL, WITH VAPOR RECOVERY UNIT CONNECTION.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING DRAIN-DRY/REFILLING OR DEGASSING OPERATION MODE, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION, AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER
[RULE 1149]
5. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS, OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS, SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
6. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

[RULE 463, 1178]

7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 2,040,000 BARRELS PER CALENDAR MONTH OF PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) WITH REID VAPOR PRESSURE NOT TO EXCEED 13.5 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

9. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G5498
A/N 463774

Equipment Description:

STORAGE TANK NO. 80017, 117'-0" DIA. X 42'-0" H., PONTOON INTERNAL FLOATING ROOF, 80,000 BARREL CAPACITY, WELDED SHELL, LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL AND RIM-MOUNTED COMPRESSION PLATE SECONDARY SEAL, WITH VAPOR UNIT CONNECTION.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING DRAIN-DRY/REFILLING OR DEGASSING OPERATION MODE, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION, AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER
[RULE 1149]
4. NO MORE THAN TWO TANKS SHALL BE IN THE DRAIN-DRY/REFILLING OR DEGASSING OPERATION MODE AT ANY TIME.
[RULE 1149, 1303(b)(2)-OFFSETS]
5. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BY USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE A YEAR AT 4 – 8 MONTH INTERVALS.
[RULE 463, 1178]
6. CONDITIONS NO. 3 AND 4 SHALL NOT APPLY TO TANKS STORING OR REFILLING ORGANIC LIQUID WITH A VAPOR PRESSURE OF 0.5 PSIA OR LESS.
[RULE 1149]
7. RECORDS REQUIRED BY RULE 463, IN ADDITION TO THROUGHPUT, SHALL BE MAINTAINED FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

8. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6027
A/N 466317

Equipment Description:

STORAGE TANK NO. 80003, 117'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 80,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A) AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 241,667 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6033
A/N 466318

Equipment Description:

STORAGE TANK NO. 80004, 117'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 80,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A) AND RIM-MOUNTED COMPRESSION PLATE SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 241,667 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6037
A/N 466319

Equipment Description:

STORAGE TANK NO. 80006, 117'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 80,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A) AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 241,667 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6038
A/N 466320

Equipment Description:

STORAGE TANK NO. 80012, 117'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 80,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A) AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 241,667 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

**Permit No. G6081
A/N 466321**

Equipment Description:

STORAGE TANK NO. 80022, 117'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 80,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A) AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 241,667 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

**Permit No. G6083
A/N 466323**

Equipment Description:

STORAGE TANK NO. 80065, 117'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 80,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A) AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 241,667 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

**Permit No. G6084
A/N 466324**

Equipment Description:

STORAGE TANK NO. 100057, 130'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 100,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A), AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 300,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6086
A/N 466325

Equipment Description:

STORAGE TANK NO. 100058, 130'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 100,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A), AND RIM-MOUNTED COMPRESSION PLATE SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 300,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6092
A/N 466326

Equipment Description:

STORAGE TANK NO. 80005, 117'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 80,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A) AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 241,667 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6096
A/N 466327

Equipment Description:

STORAGE TANK NO. 100059, 130'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 100,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A), AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 300,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

**Permit No. G6099
A/N 466328**

Equipment Description:

STORAGE TANK NO. 100060, 130'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 100,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A), AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 500,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 3.75 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART EEEE]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART EEEE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6101
A/N 466329

Equipment Description:

STORAGE TANK NO. 100061, 130'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 100,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A), AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 500,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 3.75 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART EEEE]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART EEEE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

**Permit No. G6102
A/N 466330**

Equipment Description:

STORAGE TANK NO. 100063, 130'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 100,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A), AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 500,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 3.75 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART EEEE]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART EEEE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

**Permit No. G6104
A/N 466331**

Equipment Description:

STORAGE TANK NO. 100064, 130'-0" D. X 42'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 100,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A), AND RIM-MOUNTED SINGLE WIPER SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 500,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 3.75 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

8. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART EEEE]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART EEEE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6108
A/N 466332

Equipment Description:

STORAGE TANK NO. 150050, 150'-0" D. X 48'-0" H., ALUMINUM PAN TYPE INTERNAL FLOATING ROOF, 150,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 900,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Ka, 40 CFR 63 SUBPART R]
7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Ka
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6109
A/N 466333

Equipment Description:

STORAGE TANK NO. 150052, 150'-0" D. X 48'-0" H., ALUMINUM PAN TYPE INTERNAL FLOATING ROOF, 150,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH CATEGORY A LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 900,000 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Ka, 40 CFR 63 SUBPART R]
7. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Ka
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G6111
A/N 466335

Equipment Description:

STORAGE TANK NO. 150062, 150'-0" D. X 48'-0" H., PONTOON TYPE INTERNAL FLOATING ROOF, 150,000 BARREL NOMINAL CAPACITY, WELDED SHELL, WITH LIQUID-MOUNTED MECHANICAL SHOE PRIMARY SEAL (CATEGORY A) AND RIM MOUNTED COMPRESSION PLATE SECONDARY SEAL (CATEGORY B).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED, AFTER HAVING LAST CONTAINED A VOC WITH A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. DURING REFILLING OPERATIONS OF ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA OR WHEN THE TANK LAST CONTAINED ORGANIC LIQUIDS HAVING A TRUE VAPOR PRESSURE GREATER THAN 0.5 PSIA, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 456,250 BARRELS PER CALENDAR MONTH WITH PETROLEUM PRODUCTS AND GASOLINE BLENDING COMPONENTS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

(INCLUDING OXYGENATES SUCH AS DENATURED ETHANOL) NOT TO EXCEED A TRUE VAPOR PRESSURE OF 7.85 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]
8. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G2637
A/N 483493

Equipment Description:

STORAGE TANK NO. CT-150053, 150'-0" D. X 46'-6" H., STEEL PAN-TYPE INTERNAL FLOATING ROOF, 150,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A, LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY B, RIM-MOUNTED WIPER SECONDARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING DRAIN-DRY/REFILLING OR DEGASSING OPERATION MODE OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION, AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER. THIS TANK SHALL REMAIN CONTINUOUSLY CONNECTED UNTIL THE FLOATING ROOF OF THE TANK HAS BEEN REFLOATED OFF ITS LEGS.
[RULE 1149]
4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 250,025 BARREL(S) IN ANY ONE CALENDAR MONTH WITH DENATURED ETHANOL OR PETROLEUM PRODUCTS NOT TO EXCEED A REID VAPOR PRESSURE OF 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER HOUR.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

6. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS, OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS, SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

8. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO CONSTRUCT/OPERATE

Permit No. G3948
A/N 487135

Equipment Description:

STORAGE TANK NO. 23570, 65'-0" D. X 40'-0" H., STEEL-PAN TYPE INTERNAL FLOATING ROOF, 23500 BARREL CAPACITY, WELDED DECK, WELDED SHELL, WITH CATEGORY A LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A RIM-MOUNTED SINGLE WIPER SECONDARY SEAL

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 150,000 BARREL(S) PER ANY ONE CALENDAR MONTH WITH PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) AND TRANSMIX NOT TO EXCEED THE FOLLOWING MONTHLY REID VAPOR PRESSURES:

DEC, JAN, FEB, MAR	13.5 PSIA
APR, NOV	11.5 PSIA
MAY, JUNE, JUL, AUG, September	9 PSIA
OCT	10 PSIA

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

6. THE REFILLING, DEGASSING, OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

8. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO CONSTRUCT/OPERATE

Permit No. G3977
A/N 493019

Equipment Description:

STORAGE TANK NO. 60084, 100'-0" D. X 50'-0" H., STEEL PAN-TYPE INTERNAL FLOATING ROOF, 60,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A, LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY A, RIM-MOUNTED SECONDARY SEAL, WITH SLOTTED GUIDEPOLE EQUIPPED WITH GASKETTED SLIDING COVER AND FLOAT SLEEVE WIPER, DENATURED ETHANOL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVING LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEET THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]
4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 180,000 BARREL(S) IN ANY ONE CALENDAR MONTH OF DENATURED ETHANOL.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER HOUR.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS, 1401]

6. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS, OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS, SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.
[RULE 1149]
7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 1178, 1303(b)(2)-OFFSETS, 1401, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]
8. ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED IN RULE 1173, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173, SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NUMBER (e.g. NUMBERS ENDING IN THE LETTER "N") AND SHALL BE NOTED IN THE RECORDS.
[RULE 1173]
9. ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
[RULE 1173]

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

10. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1173]
11. ALL NEW VOC SERVICE WITH A LEAK GREATER THAN 500 PPMV BUT LESS THAN 1,000 PPMV, AS METHANE, MEASURED ABOVE BACKGROUND, USING EPA METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF VALVE DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER, WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1173, 1303(a)(1)-BACT]
12. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND REINSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]
13. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 205]

Periodic Monitoring: NONE

Emissions and Requirements:

14. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

PERMIT TO OPERATE

Permit No. G5438
A/N 502788

Equipment Description:

STORAGE TANK NO. CT-150054, 150'-0" D. X 46'-6" H., STEEL PAN-TYPE INTERNAL FLOATING ROOF, 150,000 BARREL CAPACITY, WELDED SHELL, WELDED DECK, WITH CATEGORY A, LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL AND CATEGORY B, RIM-MOUNTED WIPER SECONDARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE 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. WHEN THE FLOATING ROOF IS RESTING ON ITS LEGS, THIS TANK SHALL BE CONNECTED TO THE VAPOR RECOVERY AND/OR DISPOSAL SYSTEM WHICH IS IN OPERATION AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1149]
4. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT A 4 TO 8 MONTH INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, 1178]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN THE 900,000 BARREL(S) IN ANY ONE CALENDAR MONTH WITH DENATURED ETHANOL OR PETROLEUM PRODUCTS NOT TO EXCEED A REID VAPOR PRESSURE OF 11 PSIA.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE EVERY 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS]

6. THE DRAIN-DRY/REFILLING OR DEGASSING OPERATIONS, OR ANY OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS, SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO, THE TANK IDENTIFICATION, TIME OF START AND FINISH OF THE OPERATION, TYPE OF PRODUCT STORED IN THE TANK BEFORE AND AFTER THE OPERATION.

[RULE 1149]

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 463, 1178, 1303(b)(2)-OFFSETS, 40 CFR 60 SUBPART Kb, 40 CFR 63 SUBPART R]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

Emissions and Requirements:

8. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART R (MAJOR SOURCE)

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

Periodic Monitoring:

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 OF ALL COATINGS 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 COATING.

FOR OTHER 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 COATING.

[RULE 3004 (a) (4)]

Emissions and Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE KINDER MORGAN LIQUID TERMINALS, LLC

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions and Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS