

FACILITY PERMIT TO OPERATE EQUILON ENTERPRISES, LLC SHELL OIL PRODUCTS, US

DRAFT PERMIT TO OPERATE

Permit No. TBD
A/N 415862

Equipment Description:

STORAGE TANK NO. M-25, DOMED EXTERNAL FLOATING ROOF TYPE, WELDED SHELL, PONTOON DECK, 29,037 BARREL CAPACITY, 70'-0" DIA. X 48'-0" H., WITH A SHOE TYPE PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING PRODUCTS HAVING VAPOR PRESSURES OF 11 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL ONLY USE THE FOLLOWING PRODUCT(S) FOR STORAGE IN THIS EQUIPMENT:
GASOLINE AND GASOLINE BLEND STOCKS (E.G. ALKYLATE, ISO-OCTANE)
JET FUEL
DIESEL FUEL
ETHANOL/DENATURED ETHANOL
BIO-EQUIVALENTS (E.G. BIO-DIESEL AND BIO-JET)
SYNFUEL EQUIVALENTS (E.G. OIL SHALE, COAL, TAR SAND DERIVED GASOLINE, DIESEL, OR JET)
[RULE 1303(b)(2)-OFFSETS]
- 5) THROUGHPUT OF PRODUCTS TO THIS TANK SHALL NOT EXCEED 66,917 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSETS]
- 6) THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:
THE OPERATOR SHALL CALCULATE THE, 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 ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

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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 USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.

THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE ONCE EVERY SIX MONTHS.

[RULE 1178]

- 8) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TANK THROUGHPUT IN BARRELS PER MONTH.

COMMODITY/PRODUCT STORED AND TIME PERIOD OF ITS STORAGE.

TRUE VAPOR PRESSURE, IN PSIA, OF EACH COMMODITY.

HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR SPACE ABOVE THE FLOATING ROOM OF THE TANK.

OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULE 463, RULE 1149, RULE 1178 AND 40CFR63, SUBPART R.
[RULE 1149; RULE 1149; RULE 1178; RULE 1303(b) (2)-Offset; RULE 463; 40CFR 63 Subpart R]

Periodic Monitoring: None

Emissions and Requirements:

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

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

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EQUILON ENTERPRISES, LLC SHELL OIL PRODUCTS, US**

DRAFT PERMIT TO OPERATE

**Permit No. TBD
A/N 427856**

Equipment Description:

STORAGE TANK NO. M-17. DOMED EXTERNAL FLOATING ROOF TYPE, RIVETED SHELL, DOUBLE DECK, 4,455 BARREL CAPACITY, 36'-0" DIA. X 29'-5" H., WITH A SHOE TYPE PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING PRODUCTS HAVING VAPOR PRESSURES OF 11 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL ONLY USE THE FOLLOWING PRODUCTS(S) FOR STORAGE IN THIS EQUIPMENT:

GASOLINE AND GASOLINE BLEND STOCKS (E.G. ALKYLATE, ISO-OCTANE)
JET FUEL
DIESEL FUEL
ETHANOL/DENATURED ETHANOL
BIO-EQUIVALENTS (E.G., BIO-DIESEL AND BIO-JET)
SYNFUEL EQUIVALENTS (E.G. OIL SHALE, COAL, TAR SAND DERIVED GASOLINE, DIESEL, OR JET)
[RULE 1303(b)(2)-OFFSETS]
- 5) THROUGHPUT OF PRODUCTS TO THIS TANK SHALL NOT EXCEED 18,250 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSETS]
- 6) THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE, 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 ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

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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 USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.

THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE ONCE EVERY SIX MONTHS.

[RULE 1178]

- 8) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TANK THROUGHPUT IN BARRELS PER MONTH.

COMMODITY/PRODUCT STORED AND TIME PERIOD OF ITS STORAGE.

TRUE VAPOR PRESSURE, IN PSIA, OF EACH COMMODITY.

HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR SPACE ABOVE THE FLOATING ROOM OF THE TANK.

OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULE 463, RULE 1149, RULE 1178 AND 40CFR63, SUBPART R.

[RULE 1149; RULE 1149; RULE 1178; RULE 1303(b) (2)-Offset; RULE 463; 40CFR 63 Subpart R]

Periodic Monitoring: None

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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

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DRAFT PERMIT TO OPERATE

Permit No. TBD
A/N 427857

Equipment Description:

STORAGE TANK NO. M-5, RIVETED SHELL, DOUBLE DECK, DOMED EXTERNAL FLOATING ROOF TYPE, 7,303 BARREL CAPACITY, 50'-0" DIA. X 28'-5" H., WITH A SHOE TYPE PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING PRODUCTS HAVING VAPOR PRESSURES OF 11 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL ONLY USE THE FOLLOWING PRODUCTS(S) FOR STORAGE IN THIS EQUIPMENT:

GASOLINE AND GASOLINE BLEND STOCKS (E.G. ALKYLATE, ISO-OCTANE)
JET FUEL
DIESEL FUEL
ETHANOL/DENATURED ETHANOL
BIO-EQUIVALENTS (E.G., BIO-DIESEL AND BIO-JET)
SYNFUEL EQUIVALENTS (E.G. OIL SHALE, COAL, TAR SAND DERIVED GASOLINE, DIESEL, OR JET)
- 5) THROUGHPUT OF PRODUCTS TO THIS TANK SHALL NOT EXCEED 18,250 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSETS]
- 6) THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE. 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 ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

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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 USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.

THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE ONCE EVERY SIX MONTHS.

[RULE 1178]

- 8) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TANK THROUGHPUT IN BARRELS PER MONTH.

COMMODITY/PRODUCT STORED AND TIME PERIOD OF ITS STORAGE.

TRUE VAPOR PRESSURE, IN PSIA, OF EACH COMMODITY.

HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR SPACE ABOVE THE FLOATING ROOM OF THE TANK.

OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULE 463, RULE 1149, RULE 1178 AND 40CFR63, SUBPART R.

[RULE 1149; RULE 1149; RULE 1178; RULE 1303(b) (2)-Offset; RULE 463: 40CFR 63 Subpart R]

Periodic Monitoring: None

Emissions and Requirements:

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

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

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DRAFT PERMIT TO OPERATE

Permit No. TBD
A/N 456579

Equipment Description:

STORAGE TANK NO. M-26, WELDED PONTOON DECK. DOMED EXTERNAL FLOATING ROOF TYPE. 98,950 BARREL CAPACITY, 122'-0" DIA. X 48'-0" H., WITH A TUBE TYPE PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING PRODUCTS HAVING VAPOR PRESSURES OF 11 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL ONLY USE THE FOLLOWING PRODUCTS(S) FOR STORAGE IN THIS EQUIPMENT:

GASOLINE AND GASOLINE BLEND STOCKS (E.G. ALKYLATE, ISO-OCTANE)
JET FUEL
DIESEL FUEL
ETHANOL/DENATURED ETHANOL
BIO-EQUIVALENTS (E.G., BIO-DIESEL AND BIO-JET)
SYNFUEL EQUIVALENTS (E.G. OIL SHALE, COAL, TAR SAND DERIVED GASOLINE, DIESEL, OR JET)
- 5) THROUGHPUT OF PRODUCTS TO THIS TANK SHALL NOT EXCEED 1,520,834 BARRELS IN ANY ONE CALENDAR MONTH.
- 6) THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE. 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 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

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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 USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.

THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE ONCE EVERY SIX MONTHS.

[RULE 1178]

- 8) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TANK THROUGHPUT IN BARRELS PER MONTH.

COMMODITY/PRODUCT STORED AND TIME PERIOD OF ITS STORAGE.

TRUE VAPOR PRESSURE, IN PSIA, OF EACH COMMODITY.

HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR SPACE ABOVE THE FLOATING ROOM OF THE TANK.

OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULE 463, RULE 1149, RULE 1178 AND 40CFR63, SUBPART R.

[RULE 1149; RULE 1149; RULE 1178; RULE 1303(b) (2)-Offset; RULE 463; 40CFR 63 Subpart R]

Periodic Monitoring: None

FACILITY PERMIT TO OPERATE EQUILON ENTERPRISES, LLC SHELL OIL PRODUCTS, US

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

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EQUILON ENTERPRISES, LLC SHELL OIL PRODUCTS, US**

DRAFT PERMIT TO OPERATE

**Permit No. TBD
A/N 456580**

Equipment Description:

STORAGE TANK NO. M-27, WELDED PONTOON DECK, DOMED EXTERNAL FLOATING ROOF TYPE. 98,993 BARREL CAPACITY, 122'-0" DIA. X 48'-0" H., WITH A SHOE TYPE PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING PRODUCTS HAVING VAPOR PRESSURES OF 11 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL ONLY USE THE FOLLOWING PRODUCTS(S) FOR STORAGE IN THIS EQUIPMENT:

GASOLINE AND GASOLINE BLEND STOCKS (E.G. ALKYLATE, ISO-OCTANE)
JET FUEL
DIESEL FUEL
ETHANOL/DENATURED ETHANOL
BIO-EQUIVALENTS (E.G.. BIO-DIESEL AND BIO-JET)
SYNFUEL EQUIVALENTS (E.G. OIL SHALE, COAL, TAR SAND DERIVED GASOLINE, DIESEL, OR JET)
- 5) THROUGHPUT OF PRODUCTS TO THIS TANK SHALL NOT EXCEED 66,917 BARRELS IN ANY ONE CALENDAR MONTH.
- 6) THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE, 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 ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

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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 USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.

THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE ONCE EVERY SIX MONTHS.

[RULE 1178]

- 8) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TANK THROUGHPUT IN BARRELS PER MONTH.

COMMODITY/PRODUCT STORED AND TIME PERIOD OF ITS STORAGE.

TRUE VAPOR PRESSURE, IN PSIA, OF EACH COMMODITY.

HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR SPACE ABOVE THE FLOATING ROOM OF THE TANK.

OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULE 463, RULE 1149, RULE 1178 AND 40CFR63, SUBPART R.

[RULE 1149; RULE 1149; RULE 1178; RULE 1303(b) (2)-Offset; RULE 463; 40CFR 63 Subpart R]

Periodic Monitoring: None

**FACILITY PERMIT TO OPERATE
EQUILON ENTERPRISES, LLC SHELL OIL PRODUCTS, US**

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