

## **FACILITY PERMIT TO OPERATE PACIFIC PIPELINE SYSTEM LLC**

### **Facility Equipment and Requirements (Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and 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 that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

## FACILITY PERMIT TO OPERATE PACIFIC PIPELINE SYSTEM LLC

### PERMITTED EQUIPMENT LIST

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

Application Number	Permit to Operate Number	Equipment Description	Page Number
364636	F44681	STORAGE TANK W/ EXT FLOATING ROOF CRUDE	4
364637	F44682	STORAGE TANK W/ EXT FLOATING ROOF CRUDE	6
364638	F44683	STORAGE TANK W/ EXT FLOATING ROOF CRUDE	8
364639	F44684	I C E (50-500 HP) EM ELECTRICAL GEN-DIESEL	10
364640	F44685	SUMP, COVERED AND CONTROLLED	12
513860	DRAFT	WASTE WATER TREATMENT SYSTEM	14

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER 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 PACIFIC PIPELINE SYSTEM LLC**

### **FACILITY WIDE CONDITION(S)**

**Condition(s):**

**FACILITY CONDITIONS**

1. THE OPERATOR SHALL NOT PURCHASE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.  
  
[RULE 431.2]
2. THE OPERATOR SHALL NOT USE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT.  
  
[RULE 431.2]
3. THE OPERATOR SHALL NOT USE DIESEL FUEL IN THE STATIONARY EMERGENCY STANDBY ENGINE CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT.  
  
[RULE 1470]
4. THE OPERATOR SHALL COMPLY WITH THE MINOR SOURCE REQUIREMENTS OF 40 CFR 63, SUBPART R.  
  
[40 CFR 63 SUBPART R]
5. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 1173.  
  
[RULE 1173]

## FACILITY PERMIT TO OPERATE PACIFIC PIPELINE SYSTEM LLC

### PERMIT TO OPERATE

Permit No. F44681  
A/N 364636

**Equipment Description:**

STORAGE TANK NO. 601, EXTERNAL FLOATING ROOF, 144'-0" DIA. X 47'-0" H., 130,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, PONTOON, WITH A SHOE TYPE PRIMARY SEAL AND A 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. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL SHALL NOT EXCEED 1/2" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE 1/2" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTT STRAPS ARE MORE THAN 1/2" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NOT GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF 1/2" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.  
  
[RULE 463]
4. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.  
  
[RULE 204]

**Periodic Monitoring:**

NONE

**FACILITY PERMIT TO OPERATE  
PACIFIC PIPELINE SYSTEM LLC**

**PERMIT TO OPERATE**

**Permit No. F44681  
A/N 364636  
(Continued)**

**Emissions And Requirements:**

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

VOC: RULE 463  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Kb

## FACILITY PERMIT TO OPERATE PACIFIC PIPELINE SYSTEM LLC

### PERMIT TO OPERATE

Permit No. F44682  
A/N 364637

**Equipment Description:**

STORAGE TANK NO. 602, EXTERNAL FLOATING ROOF, 144'-0" DIA. X 47'-0" H., 130,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, PONTOON, WITH A SHOE TYPE PRIMARY SEAL AND A 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. GAPS BETWEEN THE SECONDARY SEAL AND THE RIVETED SHELL SHALL NOT EXCEED 1/2" WIDTH, EXCEPT FOR GAPS CAUSED EXCLUSIVELY BY THE VERTICAL BUTT STRAPS WHICH ARE 1/2" THICK OR GREATER. IN CASES WHERE THE VERTICAL BUTT STRAPS ARE MORE THAN 1/2" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NOT GREATER THAN 1/8" MORE THAN THE THICKNESS OF THE BUTT STRAP, AND THE GAP LENGTH (IN EXCESS OF 1/2" WIDE) NO LONGER THAN 1.75 TIMES THE THICKNESS OF THE BUTT STRAP.  
  
[RULE 463]
4. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.  
  
[RULE 204]

**Periodic Monitoring:**

NONE

**FACILITY PERMIT TO OPERATE  
PACIFIC PIPELINE SYSTEM LLC**

**PERMIT TO OPERATE**

**Permit No. F44682  
A/N 364637  
(Continued)**

**Emissions And Requirements:**

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

VOC: RULE 463  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Kb

## FACILITY PERMIT TO OPERATE PACIFIC PIPELINE SYSTEM LLC

### PERMIT TO OPERATE

Permit No. F44683  
A/N 364638

**Equipment Description:**

STORAGE TANK NO. 603, EXTERNAL FLOATING ROOF, 144'-0" DIA. X 47'-0" H., 130,000 BBL CAPACITY, RIVETED SHELL, DOUBLE DECK, PONTOON, WITH A SHOE TYPE PRIMARY SEAL AND A 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. 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 BUTT STRAPS ARE MORE THAN ½" THICK, THE ALLOWABLE GAP WIDTH SHALL BE NOT 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. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.  
  
[RULE 204]

**Periodic Monitoring:**

NONE

**FACILITY PERMIT TO OPERATE  
PACIFIC PIPELINE SYSTEM LLC**

**PERMIT TO OPERATE**

**Permit No. F44683  
A/N 364638  
(Continued)**

**Emissions And Requirements:**

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

VOC: RULE 463  
VOC: RULE 1149  
VOC: 40CFR60, SUBPART Kb

## FACILITY PERMIT TO OPERATE PACIFIC PIPELINE SYSTEM LLC

### PERMIT TO OPERATE

Permit No. F44684  
A/N 364639

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, WHITE, DIESEL-FUELED, MODEL NO. D-4800T, SERIAL NO. 4017875, SIX CYLINDERS, TURBOCHARGED AND AFTERCOOLED, 200 BHP, WITH ONE EXHAUST, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

#### 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 NOT OPERATE MORE THAN 199 HOURS IN ANY ONE YEAR.  
  
[RULE 1110.2, RULE 1304(a)(4)-Modeling and Offset Exemption]
4. AN OPERATIONAL, NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.  
  
[RULE 1110.2, RULE 1304(a)(4)-Modeling and Offset Exemption, RULE 1470]
5. IN ADDITION TO MAINTENANCE AND TESTING OF THIS ENGINE, THIS ENGINE SHALL ONLY OPERATE DURING EMERGENCIES RESULTING IN AN INTERRUPTION OF SERVICE OF THE PRIMARY POWER SUPPLY OR DURING A STAGE II OR III ELECTRICAL EMERGENCY DECLARED BY THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR.  
  
[RULE 1303(a)(1)-BACT]
6. THE IGNITION TIMING OF THIS ENGINE MUST BE INSPECTED, ADJUSTED, AND CERTIFIED, AT A MINIMUM, ONCE EVERY THREE YEARS OF OPERATION. INSPECTIONS, ADJUSTMENTS, AND CERTIFICATIONS MUST BE PERFORMED BY A QUALIFIED MECHANIC AND ACCORDING TO THE ENGINE MANUFACTURER'S PROCEDURES.  
  
[RULE 1303(a)(1)-BACT]

**FACILITY PERMIT TO OPERATE  
PACIFIC PIPELINE SYSTEM LLC**

**PERMIT TO OPERATE**

**Permit No. F44684  
A/N 364639  
(Continued)**

7. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION AND 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 DISTRICT PERSONNEL UPON REQUEST.

[RULE 1110.2, RULE 1304(a)(4)-Modeling and Offset Exemption, RULE 1470, RULE 204]

**Periodic Monitoring:**

NONE

**Emissions And Requirements:**

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)

PM: RULE 1470

## FACILITY PERMIT TO OPERATE PACIFIC PIPELINE SYSTEM LLC

### PERMIT TO OPERATE

Permit No. F44685  
A/N 364640

#### Equipment Description:

CRUDE OIL BOOSTER PUMP STATION NO. 1 CONSISTING OF:

1. SUMP PUMP, P-104, SUBMERSIBLE, WITH 5 HP MOTOR.
2. DISTRIBUTION BOOSTER PUMP AND SPARE, P-107/106, IN-LINE CENTRIFUGAL, EACH WITH 350 HP MOTOR.
3. TWO DISTRIBUTION PUMPS, P-108 AND P-109, CENTRIFUGAL, EACH WITH MECHANICAL SEAL AND 200 HP MOTOR.
4. SUMP TANK, 2,000 GALLON CAPACITY, 6' -0" DIA. X 9' -2" L., VENTED TO A CARBON ADSORBER, 55 GALLON CANISTER.
5. SUMP A 10 HP PUMP, AND VENTED TO A CARBON ADSORBER, 55 GALLON CANISTER.

#### 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 EXHAUST OF THE CARBON CANISTER SHALL BE TESTED ACCORDING TO THE METHOD SPECIFIED IN RULE 1176 (G).

[RULE 1176]

4. THE CARBON CANISTER SHALL BE REPLACED WHENEVER THE ROG CONCENTRATION MONITORED AT THE EXHAUST OF THE CANISTER EXCEEDS 500 PPMv.

[RULE 1303(b)(2)-Offset, RULE 1176]

**FACILITY PERMIT TO OPERATE  
PACIFIC PIPELINE SYSTEM LLC**

**PERMIT TO OPERATE**

**Permit No. F44685  
A/N 364640  
(Continued)**

**Periodic Monitoring:**

NONE

**Emissions And Requirements:**

VOC: 500 PPMv      RULE 1176

## FACILITY PERMIT TO OPERATE PACIFIC PIPELINE SYSTEM LLC

### PERMIT TO CONSTRUCT/OPERATE

Permit No.  
A/N 513860

#### Equipment Description:

#### WASTE WATER TREATMENT SYSTEM CONSISTING OF:

1. INFLUENT EQUALIZATION WATER TANK, TK100, 16'-0"DIA. X 16'-0"H., 24,100 GALLONS CAPACITY.
2. TWO 55-GALLON VAPOR PHASE ACTIVATED CARBON ADSORPTION DRUMS, CONNECTED IN SERIES, PASSIVELY VENTING THE INFLUENT EQUALIZATION WATER TANK.
3. COVERED OIL WATER SEPARATOR, 3'-0"W. X 5'-0"L. X 5'-0"H., WITH AN INLET WATER TRANSFER PUMP AND AN OUTLET WATER TRANSFER PUMP.
4. FLOW CONTROL TANK, 6'-0"DIA. X 5'-0"H., 1,000 GALLONS CAPACITY.
5. FOUR LIQUID PHASE FILTERS, ROSEDALE MODEL LCO-8, EACH 1'-0"DIA. X 3'-0"H., AND EACH WITH A PARTICULATE FILTER BAG.
6. TWO LIQUID PHASE ADSORBER VESSELS, EACH 4'-0"DIA. X 6'-0"H., EACH CONTAINING 2,000 LBS ORGANO CLAY.
7. TWO LIQUID PHASE ADSORBER VESSELS, EACH 4'-0"DIA. X 6'-0"H., EACH CONTAINING 2,000 LBS ACTIVATED CARBON.
8. THREE 55-GALLON GAS PHASE ACTIVATED CARBON ADSORPTION DRUMS, CONNECTED IN SERIES, PASSIVELY VENTING THE OIL WATER SEPARATOR.
9. EFFLUENT CONTROL WATER TANK, 35'-0"L. X 8'-0"W. X 12'-6"H., 21,000 GALLONS CAPACITY.
10. TWO 55-GALLON VAPOR PHASE ACTIVATED CARBON ADSORPTION DRUMS, CONNECTED IN SERIES, PASSIVELY VENTING THE EFFLUENT CONTROL TANK.

#### 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 PACIFIC PIPELINE SYSTEM LLC

### PERMIT TO CONSTRUCT/OPERATE

Permit No.  
A/N 513860  
(Continued)

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
  
[RULE 204]
3. THIS EQUIPMENT SHALL ONLY BE USED TO PROCESS WASTE WATER CONSISTING PRIMARILY OF RAIN WATER RUNOFF.  
  
[RULE 204]
4. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 1176.  
  
[RULE 1176]
5. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION AT THE OUTLET OF THE CARBON ADSORBERS FROM THE INFLUENT EQUALIZATION TANK, OIL WATER SEPARATOR, AND EFFLUENT CONTROL TANK AT LEAST ONCE PER MONTH. THE OPERATOR SHALL USE A DISTRICT APPROVED ORGANIC VAPOR ANALYZER (OVA) TO MONITOR THE HYDROCARBON CONCENTRATION. THE OVA SHALL MEET THE REQUIREMENTS OF EPA METHOD 21. THE OPERATOR SHALL CALIBRATE THE OVA USED TO MONITOR THE HYDROCARBON CONCENTRATION IN PPMv METHANE.  
  
[RULE 204, RULE 1176]
6. THE OPERATOR SHALL REPLACE THE SPENT CARBON WITH FRESH ACTIVATED CARBON IN THE ADSORBER WHENEVER BREAKTHROUGH OCCURS. FOR THE PURPOSE OF THIS CONDITION, BREAKTHROUGH OCCURS WHEN THE OVA READING INDICATES A CONCENTRATION OF 500 PPMv OR HIGHER, AS METHANE, AT THE OUTLET OF THE FINAL CARBON ADSORBER.  
  
[RULE 204, RULE 1176]
7. THE OPERATOR SHALL KEEP ALL SPENT CARBON IN A TIGHTLY COVERED CONTAINER WHICH SHALL REMAIN CLOSED EXCEPT WHEN IT IS BEING TRANSFERRED INTO OR OUT OF THE CONTAINER.  
  
[RULE 204]

**FACILITY PERMIT TO OPERATE  
PACIFIC PIPELINE SYSTEM LLC**

**PERMIT TO CONSTRUCT/OPERATE**

**Permit No.  
A/N 513860  
(Continued)**

8. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. DATE, TIME, AND OVA READING EACH TIME THE CONCENTRATION IS MEASURED AT THE OUTLET OF THE CARBON ADSORBER.
  - B. DATE AND TIME THE SPENT CARBON IS REPLACED.

[RULE 3004(a)(4)-PERIODIC MONITORING, RULE 402]

**Periodic Monitoring:**

NONE

**Emissions And Requirements:**

NONE

**FACILITY PERMIT TO OPERATE  
PACIFIC PIPELINE SYSTEM LLC**

**RULE 219 EQUIPMENT**

NONE