

FACILITY PERMIT TO OPERATE BFI WASTE SYS OF NA/AZUSA GAS SYS OPR

PERMIT TO OPERATE

Permit No. TBD
A/N 498353

Equipment Description:

LANDFILL GAS CONDENSATE/LEACHATE COLLECTION AND TREATMENT SYSTEM CONSISTING OF:

1. CONDENSATE/LEACHATE STORAGE TANK, T-3A, 9,100 GALLON CAPACITY WITH TRANSFER PUMP, VENTED TO A 200 POUND CARBON ADSORBER.
2. EMERGENCY CONDENSATE/LEACHATE STORAGE TANKS T-1 AND T-2, 3,810 GALLON CAPACITY EACH, VENTED TO A 200 POUND CARBON ADSORBER.
3. EMERGENCY CONDENSATE/LEACHATE STORAGE TANK, T-3, 6,700 GALLON CAPACITY, VENTED TO A 200 POUND CARBON ADSORBER.
4. TWO PARTICULATE FILTERS, PF-1 AND PF-2, CONDENSATE/LEACHATE, 50 GPM EACH.
5. THREE LIQUID-PHASE ACTIVATED CARBON VESSELS, GAC-1, GAC-2, AND GAC-3, CONDENSATE/LEACHATE, 2,000 POUND CAPACITY EACH.
6. EFFLUENT NEUTRALIZATION/MIXING TANK, T-5, 250 GALLON CAPACITY WITH MIXER, VENTED TO 200 POUND CARBON ADSORBER.
7. NAOH STORAGE TANK, T-6, 200 GALLON CAPACITY WITH METERING PUMP.
8. LIQUID CHLORINE STORAGE TANK, T-7, 500 GALLON CAPACITY WITH METERING PUMP.
9. DEFOAMER DRUM, 55 GALLON CAPACITY, WITH METERING PUMP INJECTING FOAM SUPPRESSANT INTO EFFLUENT TANK T-5.

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 RECOVERY PIPE ON THE EQUALIZING, CONDENSATE AND WELL WATER STORAGE TANKS SHALL BE CONNECTED TO THE LOADING TRUCK DURING LOADING OPERATIONS.
[RULE 402, RULE 1303(a)(1)-BACT]

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4. ALL VAPORS FROM THIS SYSTEM SHALL BE VENTED ONLY TO THE CARBON ADSORBERS OR THE LANDFILL GAS COLLECTION SYSTEM.
[RULE 402, RULE 1303(a)(1)-BACT]
5. A SAMPLE PORT SHALL BE LOCATED AT THE INLET AND OUTLET OF EACH CARBON ADSORBER. EACH PORT SHALL CONSIST OF A 1/2 INCH NIPPLE WITH PLUG.
[RULE 217, RULE 1303(b)(2)-OFFSET]
6. THE ACTIVATED CARBON IN THE CARBON ADSORBERS SHALL BE REPLACED WHEN THE WEIGHT OF THE CARBON ADSORBERS INCREASE BY THIRTY POUNDS.
[RULE 1303(b)(2)-OFFSET]
7. THE WEIGHT OF THE CARBON ADSORBER SHALL BE MEASURED AND RECORDED WEEKLY.
[RULE 1303(b)(2)-OFFSET]
8. OPERATING INFORMATION INCLUDING MONITORING RESULTS, START UP, SHUT DOWN AND ACTIVATED CARBON REPLACEMENT SHALL BE RECORDED IN A LOG BOOK.
[RULE 1150.1, RULE 1303(b)(2)-OFFSET]
9. ALL RECORDS SHALL BE KEPT FOR TWO YEARS AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1150.1, RULE 1303(b)(2)-OFFSET]