

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, FRB

PERMIT TO OPERATE

Permit No. TBD
A/N 547634

Equipment Description:

MODIFICATIONS TO LANDFILL CONDENSATE/LEACHATE/GROUNDWATER COLLECTION AND STORAGE SYSTEM (F96618), CONSISTING OF:

CONDENSATE:

1. CONDENSATE TRAP, 48" DIAMETER BY 84" HIGH, POLYETHYLENE PIPE, VENTED TO 21-INCH DIA. HEADER LINE.
2. PUMP, 25 GPM, PUMPING CONDENSATE FROM CONDENSATE TRAP TO CONDENSATE TANK.
3. CONDENSATE TRAP (CPS-1), 18" HDPE PIPE, VENTED TO 18-INCH DIA. HEADER, GRAVITY DRAIN.
4. PUMP, 2 GPM, PUMPING CONDENSATE FROM CONDENSATE TANKS TO LEACHATE TANKS.
5. TANK (C-1), CONDENSATE, ABOVEGROUND, POLYETHYLENE, 12'-0" DIA. BY 14'-4" HIGH, 11,000 GALLON CAPACITY, WITH PRESSURE RELIEF VALVE, WITH VAPOR BALANCE LINE TO TANK C-2.
6. TANK (C-2), CONDENSATE, ABOVEGROUND, POLYETHYLENE, 11'-0" DIA. BY 13'-8" HIGH, 10,500 GALLON CAPACITY, WITH PRESSURE RELIEF VALVE, FLAME ARRESTOR, VENTED TO CARBON DRUM.
7. CARBON ADSORBER, NIXTOX OR EQUIVALENT, CONTAINING 150 POUNDS OF ACTIVATED CHARCOAL, VENTING TANK C-2.
8. ASSOCIATED PIPING TRANSPORTING CONDENSATE/LEACHATE/GROUNDWATER

BY THE ADDITION OF:

9. INSTALLATION OF AN ELECTRIC TRANSFER PUMP, DOUBLE WALLED CONDENSATE TRANSFER PIPING FROM THE BOTTOM TANK FARM TO A NEW TANK (C-3).
10. TANK (C-3), CONDENSATE, ABOVEGROUND, LOCATED AT THE FLARE STATION, POLY PROCESSING SAFE-TANK, 5' - 11" DIA. X 2' -10" HIGH, 540 GALLON CAPACITY, AND VENTED TO 55- GALLON CARBON DRUM CONTAINING 200 LBS OF GRANULAR ACTIVATED CARBON.
11. CONDENSATE FEED PIPE FROM TANK (C-3) TO EXISTING PNEUMATIC INJECTOR PUMPS AND ASSOCIATED PIPING TO EXISTING INJECTION LANCE AND NOZZLES (FLARES NO. 3, 4 & 5).

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, FRB

LEACHATE/GROUNDWATER (EXISTING):

1. SIX (6) STORAGE TANKS, CENTRAL CALIFORNIA CONTAINER MFG. INC., MODEL 12 HCT 13K, HDPE, 13000 GALLON CAPACITY.
2. SIX (6) FLAME ARRESTORS, GROTH OR EQUIVALENT, MODEL 7618-02-15-F00, LOCATED AT VENT VALVES.
3. SIX (6) TANK VENT VALVES, GROTH OR EQUIVALENT, MODEL 1220-02-115-TOO.
4. SIX (6) CARBON ADSORBERS, CALGON CARBON OR EQUIVALENT, EACH CONTAINING 200 POUNDS OF ACTIVATED CARBON.

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 BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
[RULE 204]
4. THIS PERMIT SHALL EXPIRE IF CONSTRUCTION OF THE EQUIPMENT, DESCRIBED UNDER; BY THE ADDITION OF: ITEM NO. 9, 10 AND 11, IS NOT COMPLETED WITHIN ONE YEAR FROM THE DATE OF ISSUANCE OF THIS PERMIT UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 205]
5. ALL CONDENSATE AND/OR LEACHATE/GROUNDWATER COLLECTED SHALL BE DISPOSED OF OR TREATED PROPERLY.
[RULE 402]
6. THE CONDENSATE STORAGE TANK(S) AND THE LEACHATE/GROUNDWATER STORAGE TANK(S) SHALL BE VENTED THROUGH A CARBON AIR FILTER/CANISTER OR CARBON DRUM (TANK C3).
[RULE 402, 1303(a) (1)-BACT]
7. THE OUTLET(S) OF THE CARBON FILTER(S)/CANISTER(S) SHALL BE TESTED FOR TOTAL ORGANIC COMPOUNDS AS METHANE WITH AN ORGANIC VAPOR ANALYZER (OVA) OR EQUIVALENT AND THE RESULTS RECORDED. THESE TESTS SHALL BE PERFORMED MONTHLY DURING THE FILLING OPERATION OF THE TANK(S).
[RULE 402]
8. EMISSIONS FROM THE OUTLET OF EACH CARBON CANISTER SHALL NOT, AT ANY TIME, EXCEED 50 PPM TOTAL ORGANIC COMPOUNDS MEASURED AS METHANE
[RULE 402, 1303(b) (2)-OFFS]

FACILITY PERMIT TO OPERATE OC WASTE & RECYCLING, FRB

9. ALL CONNECTIONS, VALVES AND OPENINGS SHALL BE PROPERLY SEALED OR CLOSED SO AS TO PREVENT RAW LANDFILL GAS AND/OR CONDENSATE/LEACHATE VAPORS FROM ENTERING INTO THE ATMOSPHERE.
[RULE 402, 1303(a) (1)-BACT]

10. RECORDS REQUIRED BY THIS PERMIT SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 204]