

Anaerobic Digester Evaluation Form

Clients Name _____ Phone _____

Address _____ Email _____

Digester type

1. Reactor height _____ Reactor Diameter _____
2. Detention Time _____
3. Temperature Range _____
4. Quantity and Source and Type of Sludge _____

(Raw Sludge & Thickened Waste Activated Sludge WAS)

SOLIDS

Raw

1. Total Solid _____ % Volatile Solids _____ %
2. pH _____ Volume gpd _____

Supernatant

3. Total Solids _____ % Volatile Solids _____ %
4. COD _____

Digested Sludge

5. pH _____ Alkalinity _____ mg/l Volatile Acids _____ mg/l
6. Volatile Acids/ Alkalinity measured _____ x week.
7. Loading _____ (include units)/(day, week, month)
8. Solids _____ Hydraulic _____
9. Total Solids _____ % Volatile Solids _____ %
10. Gas Production % Methane _____ % CO₂ _____ % Other _____
11. Gas Production _____ Cubic ft/Lb volatile matter/day. _____
12. Total Gas Production _____
13. TGP measured _____ x week
14. % Solids In _____ % Solids Out _____ Volume gpd _____
15. Solids content reduced by _____ % (% Reduction of Volatile Matter)
16. Dry Solids Sludge Applied _____ Dry Solids Sludge Removed _____
17. How is sludge volume measured? _____ Pump cycles/Flow Measurement
18. Residual BOD _____ COD _____ Ammonia _____
19. Is Scum Blanket Measured? _____ Recorded? _____ Average Thickness _____

Notes:

