

UNIT PROCESS: Anaerobic Digestion

1. Number of units: _____ In operation: _____
2. Type of sludge digested: _____
3. Type of digester: Primary High rate Secondary Standard rate
4. Frequency of sludge application to digestors: _____
5. Number of recirculation pumps: _____ In operation: _____
6. Sludge retention time: _____
7. Provisions for pH adjustment: Yes No
 Utilized: Yes No NA
8. Location of supernatant return in the plant: Head Primary Other(specify): _____
 Supernatant return rate: _____
9. Gas production rate: _____
10. Process control testing:
 - a. reduction of volatile solids: Yes No %
 - b. volatile acids: Yes No mg/L
 - c. pH Yes No s.u.
 - d. temperature: Yes No °F
 - e. alkalinity: Yes No mg/L
11. Signs of overloading: Yes* No
12. General condition: Good Fair Poor

Comments: