

UNIT PROCESS: AEROBIC DIGESTION

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|--------------------------------------------------------------------------|---------------|----------------------------------|----------------------------------|--------------------------------|
| 1. Number of units: | In operation: | | | |
| 2. Type of sludge treated | | <input type="checkbox"/> Primary | <input type="checkbox"/> WAS | <input type="checkbox"/> Other |
| 3. Frequency of sludge application to digestors: | | | | |
| 4. Supernatant return rate: | | | | |
| 5. pH adjustment provided: | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | |
| Utilized: | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> NA |
| 6. Tank contents well-mixed and relatively free of odors: | | <input type="checkbox"/> Yes | <input type="checkbox"/> No* | |
| 7. If diffused aeration is used, do diffusers require frequent cleaning? | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> NA |
| 8. Location of supernatant return: | | <input type="checkbox"/> Head | <input type="checkbox"/> Primary | <input type="checkbox"/> Other |
| 9. Process control testing: | | | | |
| a. reduction of volatile solids | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | % |
| b. pH | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | s.u. |
| c. alkalinity | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | mg/l |
| d. dissolved oxygen | | <input type="checkbox"/> Yes | <input type="checkbox"/> No | mg/l |
| 10. Foaming problem present: | | <input type="checkbox"/> Yes* | <input type="checkbox"/> No | |
| 11. Signs of short-circuiting or overloads: | | <input type="checkbox"/> Yes* | <input type="checkbox"/> No | |
| 12. General condition: | | <input type="checkbox"/> Good | <input type="checkbox"/> Fair | <input type="checkbox"/> Poor |

Comments: