

MONITORING

INFORMAL MONITORING

Test water in final pump chamber for:

Color
Odor
Total Residual Chlorine

FORMAL COMPLIANCE MONITORING

Collection

Once per year at approximately 12 month intervals with spring and early fall as the best time for collection.

Analysis

Analyses to be performed by a wastewater quality laboratory using USEPA methods. Reports of analyses are to be submitted by the laboratory to the local/district health department within ten days of the completion of the examinations.

Test water supplied to spray irrigation area for:

pH
Total Kjeldahl Nitrogen
Fecal Coliform Bacteria
Total Residual Chlorine (if applicable)
Total Suspended Solids
BOD₅

MONITORINGMINIMUM MONITORING SCHEDULEBiweekly:

Check disinfectant and add as necessary.

Monthly:

Walk over spray area (A) and component (B) and examine areas for:

- | (A) | (B) |
|------------------------------------|--|
| 1. Ponding of effluent | 1. Bad odors |
| 2. Damage to spray heads | 2. Surfacing liquids |
| 3. Vegetation problems
collapse | 3. Surface soil |
| 4. Bad odors | 4. Damage to components |
| 5. Surfacing liquid
function | 5. Alarm system |
| function | 6. Disinfection |
| | 7. Informal sampling
results recorded |

Quarterly:

- | (A) | (B) |
|--------------------------------------|-------------------------|
| 1. Monthly monitoring items
items | 1. Monthly monitoring |
| 2. Proper spray sequence | 2. Proper pump function |
| | 3. Proper liquid levels |
| | 4. Filter clogging |

(To be done by a certified
wastewater operator or
factory authorized
representative)

Biannually:

- | (A) | (B) |
|------------------------|-----------------|
| 1. Erosion
capacity | 1. Storage unit |

Annually:

Report, including formal sampling, signed by a certified operator will be submitted.

(A)

1. Prepare statement on system function

(B)

1. Collect formal compliance sampling
2. Septic tank build-up