



Public Health
Prevent. Promote. Protect.

Tuscarawas County Health Department

Tuscarawas County Operation & Maintenance (O&M) Inspection Requirements and Frequency



System Type	Service Requirements	Frequency of Service
<p>Aerator Non-NPDES (discharging aerobic treatment system and secondary filter; if applicable installed prior to January 1, 2007)</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trash/trap tank and pump when needed. 2. Check fail safe system where applicable. 3. Monitor for proper operation of mechanical components and/or distribution methods, as applicable. Must meet all manufacturer's requirements of pretreatment components. 4. If applicable, check UV light and chlorine disinfection to see if functional; refill or replace chlorine or UV bulb as needed. 5. Check and clean filters inside tank. 6. Check inspection port. 7. Check Filter Bed/Polishing Filter/etc.; if applicable for obstruction or damage. 8. Check discharge pipe for obstruction or damage. 9. Evaluate final effluent quality to determine if nuisance is present. 10. Contingent on effluent quality, it may be required to collect and submit an effluent sample to an approved laboratory for analysis. * 11. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p>Once every year</p>
<p>Drip Distribution</p>	<ol style="list-style-type: none"> 1. Comply with drip assurance approval and maintenance guidelines. 2. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p>2 times per year</p>
<p>Pretreatment to Soil Absorption (Evapotranspiration/Trenches)</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trap/trash tank and pump when needed. 2. Monitor for proper operation of mechanical components and/or distribution methods, as applicable. Must meet all manufacturer's requirements of pretreatment components. 3. Check distribution/diversion boxes for structural integrity and surface water infiltration. Manage flow diversion mechanisms for the purpose of resting portions of the soil absorption area. 4. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent in the soil absorption area. 5. Monitor the liquid level or capacity of soil absorption in inspection ports; if applicable. 6. Check that interceptor and curtain drains are clear of debris and effluent, when applicable. 7. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p>Once every year</p>
<p>Filter Bed/Polishing Filter/Etc. (discharging filter bed system without pretreatment tank installed prior to January 1, 2007)</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trap/trash tank and pump when needed. 2. Check and clean filters inside tank. 3. Check inspection port. 4. Check Filter Bed/Polishing Filter/etc. for obstruction or damage. 5. Check discharge pipe for obstruction or damage. 6. Evaluate final effluent quality to determine if nuisance is present. 7. Contingent on effluent quality, it may be required to collect and submit an effluent sample to an approved laboratory for analysis. * 8. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p>Once every 2 years</p>

<p>Low Pressure Distribution LPP (low pressure distribution system as defined in 3701-29-15.1(B))</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trap/trash tank and pump when needed. 2. Monitor for proper operation of mechanical components. Must meet all manufacturer's requirements of pretreatment components. 3. Monitor the dose volume and operating pressure head of the distribution system and compare baseline measurements. Flush distribution laterals. 4. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent in the soil absorption area. 5. Check for surface water infiltration or clear water flows from dwellings/structures into the system components and around or into the soil absorption area. 6. Review and document the presence of event counters, elapsed time meters, flow meters, and alarm conditions. 7. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p>2 times per year</p>
<p>NPDES (EPA approved discharging aerobic treatment system)</p>	<ol style="list-style-type: none"> 1. Maintain yearly service contract with a registered service provider. 2. Check sludge levels in trap/trash tank and pump when needed. 3. Monitor for proper operation of mechanical components and/or distribution methods, as applicable. Must meet all manufacturer's requirements of pretreatment components for NPDES systems. 4. Check UV light and chlorine disinfection to see if functional; refill or replace chlorine or UV bulb as needed. 5. Check and clean filters inside tank. 6. Check discharge pipe for obstruction or damage. 7. Evaluate final effluent quality to determine if nuisance is present. 8. Comply with all EPA permit requirements including yearly sampling of effluent, submitted to an approved laboratory for analysis. 9. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p>2 times per year</p>
<p>Sand Filter LPDSF/TDSF (installed after January 1, 2007, and as defined in 3701-29-13)</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trap/trash tank and pump when needed. 2. Monitor for proper operation of mechanical components. Must meet all manufacturer's requirements of pretreatment components. 3. Monitor the dose volume and operating pressure head of the distribution system and compare baseline measurements. Flush distribution laterals. 4. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent in the soil absorption area. 5. Check for surface water infiltration or clear water flows from dwellings/structures into the system components and around or into the soil absorption area. 6. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p>2 times per year</p>
<p>Multi-flo & Nayadic</p>	<ol style="list-style-type: none"> 1. Check sludge levels and pump when needed. 2. Check area around system for signs of overflow. 3. Monitor for proper operation of mechanical components. Must meet all manufacturer's requirements of pretreatment components. 4. Remove and inspect/clean filters. 5. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent in the soil absorption area. 6. Evaluate final effluent quality to determine if nuisance is present, when applicable. 7. Contingent on effluent quality, it may be required to collect and submit an effluent sample to an approved laboratory for analysis.* 8. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p>2 times per year</p>

<p style="text-align: center;">Spray Irrigation</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trash/trap tank and pump when needed. 2. Check fail safe system where applicable. 3. Monitor for proper operation of mechanical components and/or distribution methods, as applicable. Must meet all manufacturer's requirements of pretreatment components. 4. Check UV light and chlorine disinfection to see if functional; refill or replace chlorine or UV bulb as needed. 5. Check and clean filters inside tank. 6. Comply with all manufacturer requirements for systems. 7. Turn on irrigation system to check spray head function and spray pattern; repair, adjust, or replace spray heads as needed. 8. Check for ponding and runoff. 9. Place several rain gauges in the irrigation area to check depth of the application (should apply no more than 0.2 inches per day). 10. Check with landscaping changes that interfere with system operation. Manage any vegetation exceeding 10ft in height within a 10ft radius of spray head(s). 11. Contingent on effluent quality, it may be required to collect and submit an effluent sample to an approved laboratory for analysis. * 12. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p style="text-align: center;">2 times per year</p>
<p style="text-align: center;">Septic Tank to Soil Absorption (Evapotranspiration/Trenches)</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trap/trash tank and pump when needed. 2. Check distribution/diversion boxes for structural integrity and surface water infiltration. Manage flow diversion mechanisms for the purpose of resting portions of the soil absorption area. 3. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent in the soil absorption area. 4. Check that interceptor and curtain drains are clear of debris and effluent, when applicable. 5. Monitor the liquid level or capacity of soil absorption in inspection ports; if applicable. 6. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p style="text-align: center;">Once every 5 years**</p>
<p style="text-align: center;">Anua Puraflo/AeroCell</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trash/trap tank and pump when needed. 2. Monitor for proper operation of mechanical components and/or distribution methods, as applicable. Must meet all manufacturer's requirements. 3. Monitor dose volume to modules and drain back; when applicable. 4. Check condition of media. Rake peat and level media, replace as needed. 5. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent in the soil absorption areas. 6. Contingent on effluent quality, it may be required to collect and submit an effluent sample to an approved laboratory for analysis. * 7. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p style="text-align: center;">Once every year</p>
<p style="text-align: center;">Leach/Dry Well</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trash/trap tank and pump when needed. 2. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent. 3. Check for structural integrity, when applicable. 4. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p style="text-align: center;">Once every 5 years</p>

<p style="text-align: center;">Eljen</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trash/trap tank and pump when needed. 2. Monitor for proper operation of mechanical components and/or distribution methods, as applicable. Must meet all manufacturer's requirements. 3. Check UV light and chlorine disinfection to see if functional; refill or replace chlorine or UV bulb as needed; if applicable 4. Check and clean filters in tank. 5. Monitor the dose volume and compare baseline measurements. 6. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent in the soil absorption area. 7. Check that interceptor and curtain drains are clear of debris and effluent, when applicable. 8. Monitor the liquid level or capacity of soil absorption in inspection ports; if applicable. 9. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p style="text-align: center;">Once every year</p>
<p style="text-align: center;">Privy/Holding Tank</p>	<ol style="list-style-type: none"> 1. Check sludge levels and pump when needed. 2. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent. 3. Check for structural integrity. 4. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p style="text-align: center;">Once every year**</p>
<p style="text-align: center;">Unable to Determine/ Unknown System Type Tank Accessible</p>	<ol style="list-style-type: none"> 1. Check sludge levels in trap/trash tank and pump when needed. 2. Attempt to locate secondary components, checking any creek, streams, or culverts. Dye test may be conducted to see if nuisance is present. 3. Check surface grade for vegetative cover, erosion or settling, and any ponding, seepage, and/or surfacing of sewage effluent in the surrounding areas. 4. Check that interceptor and curtain drains are clear of debris and effluent, when applicable. 5. Submit pumping/service/sample reports to TCHD within 30 days of completion. 	<p style="text-align: center;">Once every 5 years**</p>
<p style="text-align: center;">Unable to Determine/ Unknown System Type Tank Inaccessible</p>	<ol style="list-style-type: none"> 1. Dye test required to determine if nuisance is present. 2. Tank may be located, uncovered, and pumped, but is not a requirement at this time. 3. Attempt to locate secondary components, checking any creeks, streams, or culverts. 4. Check surface grade for vegetative cover erosion or settling, and any ponding, seepage, and/or surfacing or sewage effluent in the surrounding areas. 5. Check that interceptor and curtain drains are clear of debris and effluent, when applicable. 6. Submit pumping/service/ sample reports to TCHD within 30 days of completion. 	<p style="text-align: center;">Once every 5 years**</p>
<p style="text-align: center;">Gray Water Recycling System GWRS</p>	<p>TBD</p>	

*If effluent quality is not clear and odorless, an effluent sample must be collected and analyzed by a certified laboratory. Results must be submitted to TCHD.

**Inspection frequency may vary upon determination of system type, or as required by TCHD.