

## Appendix A: Service Required for Maintenance

### REQUIRED MAINTENANCE FOR AT GRADE OR MOUND SEPTIC SYSTEMS

1. Check sludge level in septic tank, pump tank and clean effluent filter.
2. Check pumping station to assure that sludge is not moving into the tank.
3. Check the pump to assure it is in working order and pull pump and clean screen, if applicable.
4. Pressure test the mound to assure squirt height.
5. Check alarm system.
6. Check to assure all electrical connections are out the corrosive environment of the tanks and have been installed according to the National Electrical Code Standards.

### REQUIRED MAINTENANCE FOR PEAT FILTERS and COCO Filters

1. Check sludge level in septic tank and clean effluent filter.
2. If pumping station is required, check integrity of pump.
3. Perform maintenance on Peat Filter and Coco Filter as per manufacturer requirements to assure continuous operation.
4. Any additional treatment units will be as specified for this type of treatment unit.
5. Sampling shall be performed for CBOD and TSS in the spring, and CBOD in the fall and Fecal within a designated surface water of the state or subsurface drainage tile (NPDES #4).

REQUIRED MAINTENANCE FOR SUB-SURFACE DRIP IRRIGATION SYSTEMS

1. Check sludge level in septic tank.
2. Check integrity of pump and pumping station
3. Check alarm system
4. Check spin filter.
5. Clear lines annually
6. Check other items as recommended by manufacturer.

REQUIRED MAINTENANCE FOR MECHANICAL SYSTEMS

1. Check sludge level in pre tank and mechanical system
2. Check alarm system.
3. Check aerator
4. Check to assure all electrical connections are out of the corrosive environment of the tanks and have been installed according to the National Electrical Code Standards.
5. Sampling shall be performed for CBOD and TSS in the spring, and CBOD in the fall and Fecal within a designated surface water of the state or subsurface drainage tile (NPDES #4).
6. Perform maintenance to the standards of the manufactories requirements

#### REQUIRED MAINTENANCE FOR TEXTILE FILTER SYSTEMS

1. Check sludge level in tank
2. Check alarm system
3. Check the pump to assure it is in working order and all floats are in operating order.
4. Check the textile medium to ensure that the textile is operating and not ripped or pass degradation.
5. Sampling shall be performed for CBOD and TSS in the spring, and CBOD in the fall and Fecal within a designated surface water of the state or subsurface drainage tile (NPDES #4).
6. Perform maintenance to the standards of the manufactories requirements.

#### RECOMMENDED MAINTENANCE FOR WETLANDS

1. Check sludge level in septic tank and clean effluent filter.
2. If pumping station is required, check integrity of pump.
3. Check vegetation in each cell of wetland system to determine if new vegetation should be added.
4. Sampling shall be performed for CBOD and TSS in the spring, and CBOD in the fall and Fecal within a designated surface water of the state or subsurface drainage tile (NPDES #4).
5. Check for soil infiltration into wetland.
6. Follow Chapter 69 Private Sewage Disposal System requirements when effluent is discharged above the ground surface.

#### RECOMMENDED MAINTENANCE FOR SAND FILTERS

1. Check sludge level in septic tank and clean effluent filter.
2. If pumping station is required, check integrity of pump.
3. Check for ponding of effluent on top of sand filter.
4. Check inspection ports for ponding of effluent.
5. Sampling shall be performed for CBOD and TSS in the spring, and CBOD in the fall and Fecal within a designated surface water of the state or subsurface drainage tile (NPDES #4).
6. Follow Chapter 69 Private Sewage Disposal System requirements when effluent is discharged above the ground surface.

#### RECOMMENDED MAINTENANCE FOR FREE ACCESS SAND FILTERS (Secondary Treatment)

1. Check free access sand filter and remove any heavy solids from sand and replace sand to required construction sand level.

#### RECOMMENDED MAINTENANCE FOR PUMPED DOSED LATERAL SEPTIC SYSTEMS

1. Check sludge level in septic tank, pump tank and clean effluent filter.
2. Check pumping station to assure that sludge is not moving into the tank.
3. Check the pump to assure it is in working order and pull pump and clean screen, if applicable.
4. Check alarm system (if applicable).
5. Check to assure all electrical connections are out the corrosive environment of the tanks and have been

installed according to the National Electrical Code Standards.

NOTES:

1. For all systems requiring UV Disinfection, please check unit and clean tube twice per year.
2. For all systems containing Chlorination and De-chlorination, check to make sure unit is functioning properly and have adequate chemicals. Sampling is required for Free Chlorine Residual April through October. If you need reporting forms, please contact Dallas County Environmental Health