Disinfecting and Sanitizing Solutions and Procedures

**Sanitizing Bleach Solution**
4 – 5 drops bleach + 1 pint water = 50-200 ppm
8 – 10 drops bleach + 1 quart water = 50-200 ppm
1 tablespoon bleach + 1 gallon water = 50-200 ppm

**Disinfecting Bleach Solution**
½ TBSP (7.5 ml) bleach + 1 pint water = 500-800 ppm
1 tablespoon bleach + 1 quart water = 500-800 ppm
¼ cup (2 oz.) bleach + 1 gallon water = 500-800 ppm

- Bleach must be mixed fresh daily. All solutions must be in containers labeled with type and strength. Any left over solution should be discarded at the end of the day.
- Test with test strip to ensure proper concentration of mixture and document results.
- All surfaces should be cleaned thoroughly to remove organic matter before disinfection.
- Spray surface with mixture. Spread with clean cloth to ensure area is covered completely.
- Allow to air dry.

**Alternative Sanitizing Procedures**
Green QUIX sanitizing towels—use with clean water
- All surfaces should be cleaned thoroughly to remove organic matter before sanitizing.
- Using 1 pint water per towel, immerse towel in water & squeeze to activate sanitizing agent—200 ppm active quaternary.
- Wipe surface, wetting thoroughly and allow to air dry.
- Store towel in water for reuse, discard after 8 hours.

**Fantastic Antibacterial Heavy Duty cleaner**
- All surfaces should be cleaned thoroughly to remove organic matter before sanitizing.
- Spray surface until wet. Allow to stand 10 seconds.
- Wipe. Allow to air dry

**Alternative Disinfecting Procedure for Bathrooms Only**
Disinfecting Wipes
- All surfaces should be cleaned thoroughly to remove organic matter before disinfecting.
- Wipe, thoroughly wetting surface.
- Allow to air dry.
Disinfecting and Sanitizing Policy

In an effort to reduce the spread of common infectious diseases or conditions, cleaning, sanitizing and disinfecting are part of protocol. Routine cleaning with soap and water is the most useful method for removing debris, however, some germs require additional sanitizing or disinfecting for elimination. One of the most commonly used chemicals for these processes is a solution of bleach and water. This solution kills most infectious agents and is safe when handled properly. A method of sanitizing or disinfecting will be determined based on the area to be cleaned; will be properly performed according to procedure; and will be documented on the appropriate logs.

Areas to be Disinfected

- Portajohns: doors inside and out, seat, rim, lid, walls, bench each morning and as needed
- Picnic Tables: tablecloths, benches each morning
- Hand Sanitizing Tables: tables, sanitizer containers, wipes containers each morning and as needed
- Hand Washing Station: top & bottom trough, soap dispenser, faucet handle each morning and as needed
- Water Coolers: inside, outside, lid, spout each morning
- Refrigerators: inside-start of each season and as needed outside-daily

Areas to be Sanitized

- Silver storage cabinet: inside-as needed outside-daily
- Picnic Tables: tablecloths between groups and end of day