I. Monitoring Schedule Frequency
   A. Periodic Inspection
   B. Compile and review (submit) data

II. Periodic Inspection
   A. Field Conditions
      1. Walk the field and record any visible wet spots from the drip system.
      2. O.K. _______ Repair _______ Comments and remedial action
   B. Controller
      1. Lights and manual switch positions.
         a. Open the control panel and open the lid to the hydraulic unit and pump
tank. Make sure all manual switches are in the automatic position. With
Microprocessor on, verify power light and run light are on.
         b. O.K. _______ Comments and remedial action
         a. O.K. _______ Comments and remedial action
      3. Microprocessor output: Verify there is output only when in automatic operation.
         You may start automatic cycle with "Reset/Stop" button.
         a. O.K. _______ Comments and remedial action
   C. Pump Tank Liquid Level Float Switches
      1. Check liquid level in the pump tank to confirm switch operation.
         a. If a float is down, its light should be off. Note; High level alarm float
            requires optional relay installed in control.
      2. O.K. _______ Comments and remedial action
   D. Pump and Valve Operation
      1. Place pump "Hand-Oft-Auto" switch in the "Hand" position to dead head pump
against valves. Then open (optional) master valve. Flow meter should not turn
indicating there are no leaks.
      2. O.K. _______ Comments and remedial action
      3. With the pump running, place each zone valve in the "Hand" (open) position one at a
time to check operation. With one zone valve open, flow should register on the flow
meter. When the zone valve closes (off position), the flow should stop.
      4. O.K. _______ Comments and remedial action
      5. With one zone valve open and flowing, close and reopen (optional) master valve
to check operation.
      6. O.K. _______ Comments and remedial action
      7. With the pump in the "Hand" position open the filter backwash valve for filter one and two
for ten seconds then close. There should be no flow registering in the flow meter and you
should hear the valves open and close. The backwash return valve diaphragm will rise
then lower during backflush.

8. O.K._______ Comments and remedial action
9. Return all switches to the automatic position

E. Hydraulic Unit
1. Examine one filter and clean all filters as needed.
2. Examine all hydraulic components for leaks, tubing crimps and other problems.
3. O.K._______ Comments and remedial action

III. Annual Inspections (Includes Periodic Inspection)
A. Extended Check - Zone Dose Rates
1. Open the air release valve boxes and inspect. Make sure they close during the dose with no water leak after air is evacuated.
2. O.K._______ Comments and remedial action

3. Determine how many zones are in operation and the installed flow rates from the installation records.
4. O.K._______ Comments and remedial action

5. With the pump in the "Hand" position, select the first zone by placing the zone valve switch in the "Hand" position. After pressurization time, check flow rates by reading the flow meter for a timed minute. Repeat for all zones. If flow varies by more than 10% from original flow rates, reset flow rates.
6. O.K._______ Comments and remedial action

7. After the final zone is checked, place the "Zone Return" valve in the "Hand" position while the "Zone Valve" is still in the "Hand" position and verify that the flow rate increased to provide field flushing.
8. O.K._______ Comments and remedial action

9. Return appropriate switches to the automatic position.
10. O.K._______ Comments and remedial action

11. Press reset button for 5 seconds and check automatic zone dosing time.
12. O.K._______ Comments and remedial action

B. Tanks and Pumps
1. Examine and clean effluent screens, filters, and floats as needed.
2. O.K._______ Comments and remedial action

C. Measure solids level in all tanks
1. Septic Tank - Tank Depth_______ Sludge Depth________
2. Settling Tank - Tank Depth_______ Sludge Depth________
3. Dose Tank - Tank Depth_______ Sludge Depth________
a. Sludge pumping required Yes_______ No_______

IV. Reporting
A. Provide summary report to customer showing gallon flow to each field along with pertinent operating information and suggestions.
B. Provide signed and dated inspection report to customer file and regulatory agency as needed.
C. Have records available and be prepared to discuss operation and maintenance specifics with customer personnel.

V. Operator Signature__________________________________________ Date:____________________
Perc-Rite® Dealers are authorized to reproduce forms in this manual as needed for each site. Additional comments (use back of copy if necessary).