

MEMO FROM PAULA J. CHAMPAGNE, HEALTH DIRECTOR- HARWICH HEALTH DEPARTMENT

To: Property Owner
From: Paula J. Champagne, Health Director
Date: August 27, 2003
Re: I/A Technology Operation and Maintenance Requirements

This memo will serve to summarize protocol for the permit and installation process that the Board of Health will require for all innovative/alternative system designs. (Please note changes from previous policy are emboldened).

- A copy of executed contract with a certified treatment plant operator for oversight and quarterly maintenance inspection is to be submitted as part of the application process. The minimum length of service shall be 2 years, continuous service is required and renewal contracts must be submitted as soon as available. Contract wording is to include sampling and reporting requirements.
- Operation and maintenance manuals to be submitted as part of the application process.
- The construction is to be certified by the design engineer and manufacturer representative including preliminary testing of the unit and a water test of the pressure dosed leaching facility if utilized.
- **Effluent limits shall be 30mg/1 respectively for BOD and Suspended Solids. In nitrogen sensitive areas such as Zone II's, nitrogen limits shall be those approved by DEP for the technology used.**
- The following sampling regime will be required, **which it should be noted are more stringent than DEP protocol. Inspections remain a quarterly requirement for all systems:**

Year round facilities – for the first year of operation effluent sampling to occur monthly for the first three months of operation and then quarterly. One of the samplings shall include the influent. **Thereafter samples shall be taken semi-annually** with the influent included on one sampling run. Parameters to include: pH, TSS, BOD, ammonia, nitrates, TKN and **total** phosphorous. Fecal coliform will be required for any systems with disinfection units.

Seasonal Facilities – start up/opening inspection required by the operator; effluent sampling to **occur within one month of opening and bimonthly thereafter up to a maximum of two samples**. One sample round must consist of influent and effluent samples. Same testing parameters as for year round facilities.

The property owner acknowledges receipt of a copy of these requirements.

Signature _____ Date _____