

## BASIESE RIGLYNE VIR DIE NEEM VAN WATERMONSTERS VIR ONTLEDING

1. Gooi die ethanol, binne die 4ml buis, uit in die bottel en skud dit goed. Gooi die ethanol uit.
  - a. Indien u nie van die waterbottels gebruik, wat deur NviroTek Laboratoriums verskaf word nie, word 'n glasbottel verkies, maar 'n plastiese koelrankbottel is ook geskik.
  - b. Spoel die bottel en prop uit, 3 maal, met warm water (minstens 70°C).
2. Spoel die bottel 3 tot 5 maal uit met die water wat ontleed moet word.
3. 500ml water is geskik en maak seker bottel is goed geseël.
4. Bottels moet duidelik gemerk word sodat die verwysing weer terugverwys na die bron.
5. Stoor die monsters by kamertemperatuur en stuur so gou as moontlik na die laboratorium. Water wat mikrobiologiese ontledings vereis, moet tot 4°C afgekoel word en verkieslik die laboratorium binne 24 uur bereik.

Dis belangrik dat die watermonster verteenwoordigend is van die bron, sodat die resultaat se interpretasie, op die hele bron van toepassing kan wees:

- **Boorgatte:** Residuele water wat in die pyp gestaan het, moet eers uitgedomp word. Neem 'n monster van die "vars" water.
- **Damme:** Neem monster so na as moontlik aan die middel van die dam, minstens 2m vanaf die wal/oewer. Neem dit ongeveer 25 - 50cm onder die oppervlak.

Let wel – vir die **koop & verkoop** van plase, ens. vereis banke dat die volledige grondbeskrywing op die verslag verskyn.

## GENERAL GUIDELINES FOR THE SAMPLING OF WATER FOR LABORATORY ANALYSES

1. Pour the ethanol, in the 4ml vial, into the bottle and shake well. Throw the ethanol out when done.
  - a. If you do not use the bottles provided by NviroTek Laboratories, a glass bottle is preferred, but a plastic bottle is suitable.
  - b. Rinse the bottle and cap, 3 times, with warm water (at least 70°C).
2. Rinse the bottle 3 to 5 times with the water to be sampled.
3. 500ml water is suitable and make sure bottle is sealed properly.
4. Label sample bottles clearly for the laboratory to refer back to the source.
5. Store the samples at room temperature, but dispatch to the laboratory as soon as possible. Water that needs to be tested for micro-organisms must be kept cool at 4°C and be submitted to the laboratory within 24 hours.

It is imperative that the sample taken is a representation of its source and the following guidelines are to be followed:

- **Boreholes:** Stagnant water in the system should be pumped out, to ensure that a 'fresh' sample is taken.
- **Dams:** Take the sample as closely to the center of the dam as possible, at least 2m from the edge of the dam. Sample at 25 - 50cm depth.

**Please note** – Banks require the full land description on the report for the sale/purchase of farms, etc.