



The
NIBBLER[®]

PERFORMS BIOREMEDIATION

CBP[™]



Home perched on a bluff



Total disposal area 6' x 50'

In January 2004 a couple built their retirement home overlooking Puget Sound. Within six months of occupancy the disposal field started surfacing. An effluent sample was collected and the results showed a BOD₅ of 700 mg/L (state guidelines for residential is 140 mg/L). The local health department insisted they pump and haul while seeking repair options including an off-site disposal field. When all conventional options were exhausted the health department referred the home owners to Aqua Test Inc for additional evaluation. Due to the early failure, Aqua Test performed a full site evaluation and the homeowners completed a questionnaire, which indicated that the most probable cause of surfacing in the disposal area was the high BOD₅ caused by chemotherapy treatment and medications.



AquaTest recommended installation of two NIBBLER[®] CBP[™] (Cylinder Back-flush Pod) units to reduce the BOD₅, neutralize the pH, while maintaining a high DO.



AQUA TEST
INCORPORATED

For more information:

Contact Aqua Test Inc at 1.800.221.3159 or
visit our website at www.aquatestinc.com

Installation Date 8/08/2006

Date	BOD ₅	pH	DO
1/18/2007	22.1	7.38	4.4
7/10/2007	13.9	6.97	3.4
9/25/2007	14.3	7.13	4.1

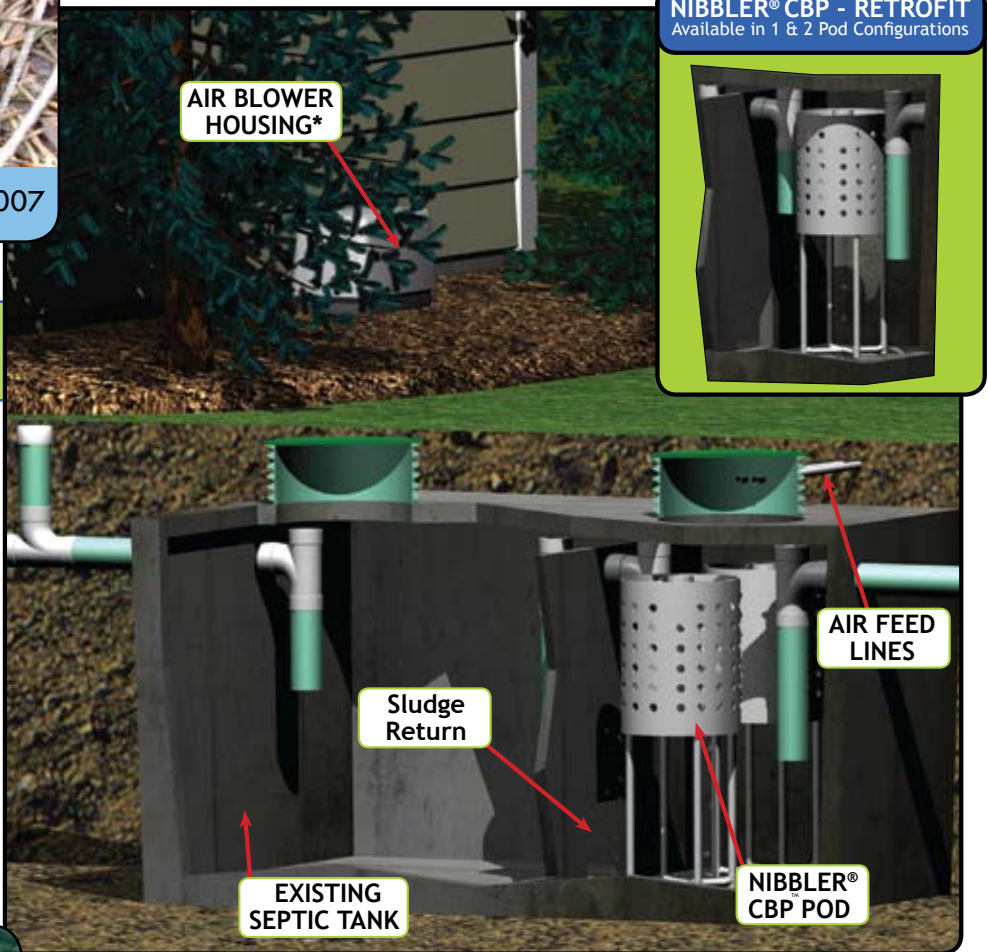


Inspection port dry on April 10, 2007

An effluent sample was collected during the time the disposal area was surfacing and results indicated a BOD₅ of 700 mg/L. Test results shown illustrate the performance of the NIBBLER® CBP™s in the recovery of the failed onsite system.

EXISTING SEPTIC TANK SYSTEMS

Systems require a 110 volt outlet supplying 2.0 amps, or the equivalents of two 110 watt light bulbs, to the system continuously. The NIBBLER® CBP™ systems are designed for residential or small commercial sites such as mini-marts or gas stations. Maintenance cost are minimal when you utilize the NIBBLER® CBP™ unit(s) together with a valved air distribution manifold. The CBP™ package is the most economical and the trouble-free system you will ever install.



*Generic Blower Housing Shown - Configurations Vary



Two Cylinder Backflow Pods in operation

Quick and easy installations typically take between two to four hours from start to finish. Every NIBBLER® CBP™ package sold comes complete including an aesthetically pleasing rock enclosure that provides a natural look for your blower.

The photo shows two NIBBLER® CBP™ units with patented back-flush technology in operation. This innovative air distribution manifold reduces the maintenance cost, while improving treatment performance.