



## **New Aeration Tubing Offers Improved Alternative For Pond Aeration, Lake Restoration, Wastewater Treatment And Municipal Aeration**

Environmentally friendly diffuser tubing developed by Canadian firm is designed to reduce costs and improve efficiency of lake, pond and wastewater aeration systems.

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Aquatic management company CanadianPond.ca Products Ltd. announces the launch of their proprietary aeration Bubble Tubing. Designed to improve water quality, Bubble Tubing is a new, lead-free weighted diffuser tubing used in wastewater treatment and pond aeration. Compressed air flows into the air tube and is released as bubbles at the bottom of the pond creating upward circulation and aeration of the entire water column. Bottom diffusion with the Bubble Tubing efficiently adds oxygen to the pond floor where microbial bacteria work to improve water quality. The unique tubing design is flexible enough to fit any aeration application.

Environmental concerns are mounting against existing models of diffuser tubing that use a weighted keel made of lead. Impact studies are demonstrating that lead weighted tubing is detrimental to the environment as the heavy metal tends to leech into soil and water over the long term. The new Bubble Tubing contains no lead or heavy metals to keep it submerged, instead Bubble Tubing uses a dense PVC ballast, making it more environmentally friendly. By removing the lead-wire keel the Bubble Tubing is not only safer, it is totally kink-free and retains virtually no memory unlike other diffusion tubing.

Existing diffuser tubing has slits cut in the airline to allow large air bubbles to escape and create a minimum level of aeration. The airline of the Bubble Tubing has precision-cut perforations that allow the Bubble Tubing to release smaller micro-bubbles which allow for higher oxygen transfer and improved efficiency.

Some features of the new Bubble Tubing:

- Bubble Tubing can work with both large and small compressors. Bubble tubing only requires 2.3 PSI for activation allowing smaller compressors and blowers to aerate larger areas. Electricity costs can be reduced by using smaller compressors, especially in large scale aeration projects.
- Lead free keel means years of worry free use. Bubble Tubing is manufactured in Canada in an ISO 9002 facility.
- Bubble Tubing offers a flexible aeration tool that is safe for the environment, kink & memory free, and extremely efficient in oxygen transfer which means improved and efficient water treatment.

Recent developments in new materials and high-tech manufacturing processes have contributed to improvements in the efficiency of aeration systems and cost reduction; CanadianPond.ca Products Ltd developed Bubble Tubing in an effort to improve the safety and efficiency of diffuser tubing which is widely used in lakes, ponds and wastewater treatment basins.

More information is available at <http://www.canadianpond.ca/bubbltube.html>

About CanadianPond.ca Products Ltd:

Established in 1999, CanadianPond.ca Products Ltd. is a Canadian based aquatic management firm specializing in pond and lake restoration, commercial and municipal aeration systems and both large and small scale aquatic beautification and re-habilitation projects.

Contact:

David Milligan

CanadianPond.ca Products Ltd.

550 Knowlton, Suite 200

Knowlton, Québec CANADA

JOE 1V0

(450)-243-0976

<http://www.canadianpond.ca>

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### **Contact Information**

**David Milligan**  
CanadianPond.ca Products Ltd  
<http://www.canadianpond.ca>  
450-243-0976

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