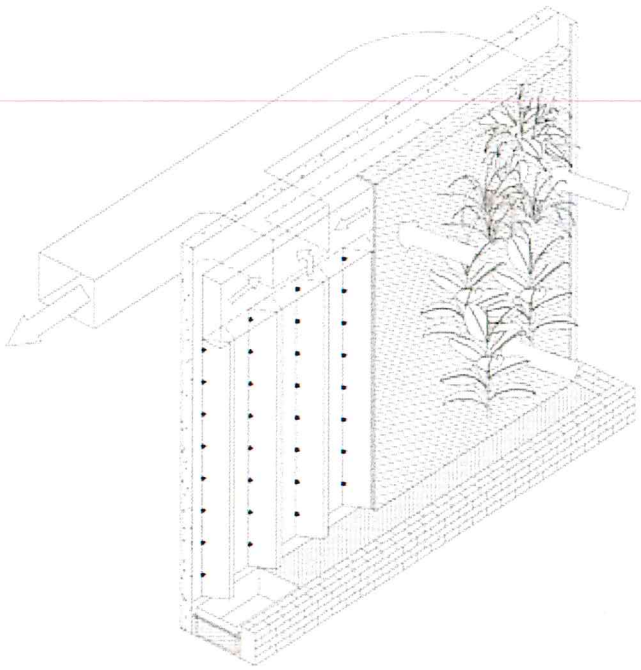
NEDLAW LIVING WALLS™

December 9, 2014

To whom it may concern;

I am Alan Darlington, PhD, Founder and Senior Vice President of Intellectual Property and Business Development at Nedlaw Living Walls Inc.. Throughout the '90's, I was a researcher looking into the relationship between biological system and the environment. In the early 2000's, I spun off a company (now Nedlaw Living Walls) to market the developed biofiltration technology. The Indoor Air Biofilter or "living wall" installed at Thompson Rivers University from Nedlaw Living Walls Inc. is an interior plantscape that effectively removes common indoor contaminants and improves the living environment. This biofilter represents the hybridization of science and art to deal with real problems of indoor air quality in an aesthetic and sustainable manner. It is truly innovative and represents only a small number of installation in world with these characteristics

The Nedlaw Biofilter is the result of over 14 years of research. At first glance, the living wall at TRU appears as a vertical hydroponic green wall containing a wide range of foliage flowering plants specifically selected for each site. However, the plant wall is actually an integrated part of the handling system for the building, air is actively forced through the wall of plants and highly specialized biological components actively degrade pollutants such formaldehyde and benzene in the air into their benign constituents of water and carbon dioxide. The clean air is then distributed throughout the space by the mechanical system.



The biofilter is an adaptation of two industrial processes. The first being biofiltration which is the passing of contaminated air stream through a biologically active substrate where beneficial microbes use the pollutants (such as VOCs) as a food source. The second is phytoremediation; where green plants help the growth of these beneficial microbes.

The indoor air biofilter at TRU can be thought of as a biofilter with the plants integrated within. Behind the scenes, a pump located in the floor below constantly circulates water and nutrients from a reservoir at the base to the top of the wall. The water then flows down the wall through a porous synthetic root media in which the plants are rooted. Air from the occupied space is actively drawn through the plant wall by either the HVAC system or onboard fans and then returned to the occupied space. As the dirty air from the space comes in contact with the growing (rooting) media, contaminants move into the water phase where they are broken down by the beneficial microbes.

The biofilter improves the indoor environment through a number of ways; first in terms of its impact on air's contaminant levels. A single pass through the Nedlaw Living wall can remove 90% of the harmful chemicals. Second, the living wall improves the aesthetics of the indoor

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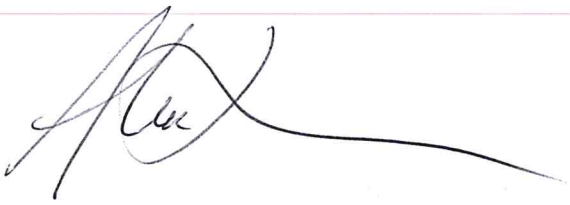
space. There are increasingly strong links between greening the indoor space and the well-being of the occupants. Greening the space reduces the stress levels, increases the productivity and reduces absenteeism.

The aesthetic appeal of the biofilters like the one at TRU makes their installation well suited for indoor space. The technology behind the Indoor air biofilter is extremely robust and has been used in venues ranging between high end restaurants and animal housing; and swimming pools and food retailers. The Biofilter offers a focal point in the space in the lobby which can be used as a place for casual or more formal gatherings. Integration of seating near the biofilter helps create this sense of community.

Nedlaw's technology used at TRU is the only indoor use of green plants to receive recognition from the LEED program as an innovative means of improving the indoor environment. They recognize our approach as a unique use of green plants which leads to a substantial impact on the environment. These active Living Walls are an opportunity to improve the quality of the entire indoor environment not just air quality; potentially reduce the energy consumption of the building and improve the well-being of the occupants through both physical and psychological means.

To date, we are the only providers of this technology which is truly innovative and unique. No other approach to indoor air quality has the demonstrable impact on air quality and of this I am extremely proud.

Regards



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