

# Mineworx Technologies announce completion of their new Vancouver processing plant



Mineworx Technologies Ltd. {TSX.V: MWX}

A leading provider of proprietary, cost-effective, and non-toxic precious metals extraction solutions to the E-Waste and mining industries announced, along with its JV partner [EnviroLeach Technologies](#), the completion of the new proprietary three-stage concentration plant in the new 13,600 square-foot facility in Vancouver, B.C.



# Mineworx Provides Update on E-Waste Concentration Plant

VANCOUVER, British Columbia, Oct. 04, 2018 – **Mineworx Technologies Ltd.**, (the “**Company**” or “**Mineworx**”) (TSXV: MWX) (OTCQB: MWXRF) (FSE: YRS WKN: A2DSW3), a leading provider of proprietary, cost-effective, and non-toxic precious metals extraction solutions to the E-Waste and mining industries is pleased to announce, along with its JV partner EnviroLeach Technologies, the completion of construction of the new proprietary three-stage concentration plant located in our new 13,600 square-foot facility in Vancouver, B.C.

As outlined in [EnviroLeach's](#) Corporate Update, over the last 2 weeks approximately 10 tonnes of printed circuit boards were successfully processed to test the performance of the installation. The line ran at a sustained rate of 900 kg per hour and produced a very high-quality, pure metal concentrate which is saleable to one of our refining partners. The company projects an initial production rate of 10 tonnes per day and plans to add an additional shift when appropriate, increasing production to the designed rate of 20 tonnes per day.

To accommodate the processing of larger scale E-Waste such as complete power supplies, computer servers, telecommunication components and cable/satellite set top boxes, an additional large 4 cubic meter pre-shredder is being added to the line. The new pre-shredder is expected to be fully operational by October 15<sup>th</sup>.

The first load of 40 tonnes of printed circuit boards recently arrived and the Company has secured an additional 400 tonnes of low to mid-grade circuit boards, cable boxes, modems and PC/server power supplies which will be processed through October and November.

The new concentration plant allows for the economic extraction of all valuable metals from a significantly wider variety of E-Waste than was initially targeted. The process is able to separate, extract and monetize 4 fractions. The copper based precious metals concentrate will be sold to refiners while a ferrous metal and aluminum fraction will be sold to recyclers. The final light substrate fraction which contains approximately 50% of the precious metals value will be processed with the EnviroLeach formula.

The post-leached substrate material, or tailings, will be repurposed for use in construction materials. This new utilization of the tailings combined with the reduction of carbon emissions from smelting plus the EnviroLeach formula's reusability will create the world's only zero emission E-Waste recycling process.

The new "Dry Side" process, combined with the proprietary "Wet Side" leaching system, utilizing the eco-friendly patent-pending EnviroLeach formula, now delivers significant improvements in performance. The combined process results in estimated metal recovery rates in the 90% to 95% range.

The intention is to produce and ship 20 tonnes of the light substrate fraction from the Vancouver plant to the Jabil

Memphis facility in November for full-scale tank leaching. This is being done to prove the feasibility of the complete processing cycle which incorporates the Company's new concentrate methods.

*"Both the [Mineworx](#) and [EnviroLeach](#) teams are to be commended for their achievements in the design and construction of the concentration plant," commented **Greg Pendura, President and CEO**. The new modular plant was created in the new Vancouver facility in less than three months and the enhancements to the revised system cannot be overstated."*

### **About Mineworx**

Mineworx is positioned for growth through partnerships with advanced mining and E-Waste opportunities utilizing its licensed non-toxic, cyanide-free precious metals formula and the proprietary and patent pending, environmentally friendly, portable extraction technologies. These innovations will increase and enhance business opportunities by deploying cost effective, extractive metallurgy solutions.

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For further information, go to [www.mineworx.net](http://www.mineworx.net)

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