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## **Itronics Announces E-Waste Shredder Installation; E-Waste Recycling Feasibility Study Progresses**

### **Solving Major Environmental Problem**

RENO, NV--(Marketwired - Jul 14, 2015) - Itronics Inc. (OTC PINK: ITRO) reported today that it has successfully installed and started up a shredder owned by the Company. The shredder has been mounted on a portable base and is being used to shred computer circuit boards and stripped metal computer towers as part of the e-waste recycling feasibility study.

The shredder has the capacity to shred 1,800 pounds of computer circuit boards per hour and can shred 1,200 pounds of stripped computer towers per hour. The Company estimates that the cost for a shredder of similar capability would be in excess of \$35,000 plus installation, making this a major working asset for the Company's refining operation.

The shredder will be used initially to shred batches of computer circuit boards that will be used as refining feed. The stripped metal computer towers will be shredded and stored in appropriate containers for sale to metal scrap dealers. Other recovered non-precious metal bearing components that do not need to be shredded, such as copper wire, and copper and aluminum parts, will be stored in separate containers for sale to metal scrap dealers. Aluminum hard disks recovered from computer hard drives will be shredded and consumed in the refining process, thereby ensuring secure hard drive destruction while recovering the tiny amounts of precious metals in these disks.

Review of the published literature on precious metals content of computer circuit boards indicates that the Company's refining process should be able to recover silver, gold, and palladium contained in the circuit boards. Itronics has delayed its first silver shipment using the new furnace and the new refining technology while it modifies the refining chemistry to accommodate the shredded circuit boards. The first shipment of bullion containing a small amount of silver, gold, and palladium recovered from the shredded circuit boards is now planned for early August.

E-waste is a growing environmental problem for all communities in the United States and the demand for e-waste recycling is growing rapidly. Itronics is sourcing e-waste from northern Nevada communities. Actual methods of collecting, disassembly, shredding, and processing and the related costs are being studied as part of the feasibility analysis. A Reno computer retail and service company and a Reno-based electrical technology company are assisting Itronics with the feasibility study.

### **About Itronics**

Headquartered in Reno, Nevada, Itronics Inc. is a "Creative Clean Technology" Company which produces GOLD'n GRO specialty liquid fertilizers and silver bullion. It owns a large Iron Oxide Copper Gold (IOCG) mineral property (the Auric Fulstone Project) in the prolific Yerington Copper Mining District in northwestern Nevada. The Company's goal is to achieve profitable clean technology driven organic growth in specialty GOLD'n GRO fertilizers, silver, zinc, and minerals. The Company's technologies maximize the recovery and use of metals and minerals.

Through its subsidiary, Itronics Metallurgical, Inc., Itronics is the only company with a fully permitted "Beneficial Use Photochemical, Silver, and Water Recycling" plant in the United States that converts more than 99.5 of the spent photoliquids into pure silver and GOLD'n GRO liquid fertilizers. The Company is developing environmentally compatible waste processing and mining technology. Itronics has received numerous domestic and international awards that recognize its ability to successfully use science and engineering to create and implement new environmentally clean recycling and fertilizer technologies.

The Company's environmentally friendly GOLD'n GRO liquid fertilizers, which are extensively used in agriculture, can be used for lawns and houseplants, and are available at the Company's "e-store" on Amazon.Com at [http://www.amazon.com/s/ref=bl\\_sr\\_lawn-garden?ie=UTF8&field-brandtextbin=GOLD%27n+GRO&node=2972638011](http://www.amazon.com/s/ref=bl_sr_lawn-garden?ie=UTF8&field-brandtextbin=GOLD%27n+GRO&node=2972638011).

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