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Itronics Ships First Silver Produced by Its New Refining Technology

RENO, NV--(Marketwired - October 06, 2015) - Itronics Inc. (OTC PINK: ITRO), a diversified fertilizer, silver, and mineral producer, today announced that it has made its first shipment of silver bullion produced by its new silver refining technology. The revenues from this and subsequent silver shipments will be reported in the fourth quarter sales results in early 2016.

The Company has been optimizing the new refining furnace technology and has been able to increase the energy savings from 34 percent to 44 percent, with a 12 percent increase in operating temperatures, compared to the technology that was replaced. This is a 29 percent improvement since operation of the new furnaces started.

The Company has been refining solids produced by FeLix, SuLix leaching technology pilot scale development. While the leaching process development is continuing, the reduction in mass by the leaching process has increased the silver refining furnace productivity 10 times, or 1000 percent. This improvement in furnace productivity has created a shortage of leached solids feed for the furnaces. The Company's next project is to scale up the leaching process so that a larger quantity of leached solids can be passed to the refinery for silver separation and purification.

The Company has been processing silver-bearing photographic liquids and accumulating the silver-bearing solids since December 2013. There is a back log of silver-bearing material available for leaching and transfer to the refinery. This back log of material will need to be processed with the expanded leach system which is now a high priority for installation and start up.

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

VISIT OUR WEB SITE: <http://www.itronics.com>

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Contact:

Paul Knopick
888-795-6336
