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Itronics Increases Per Melt Silver Bullion Production by 24 Percent Using E-Scrap as a Refining Melt Ingredient

Breakthrough "Zero Waste" Process Extracts Gold, Silver, Palladium, Tin, and Copper, from Computer Circuit Boards, Pilot Scale Production Being Expanded

RENO, Nev., Nov. 07, 2017 (GLOBE NEWSWIRE) -- Itronics Inc. (OTC:ITRO), a diversified zinc fertilizer and silver producing green technology development Company, today announced it is continuing to expand silver bullion production using e-scrap (ground up computer circuit boards) as a "cost reducing" precious metal bearing raw material. Per melt silver bullion production has been increased by 24 percent due to process improvements that have been made since May, and is on track to increase another 11 percent for a total of 35 percent by year end.

The Company is now conducting a third refining campaign to produce its third silver bullion shipment this year. This bullion shipment is expected to be settled in the first quarter of 2018. The pilot scale refining is on-going and is now regularly producing silver bullion and silver-bearing glass, which are being sold. This production is non-seasonal and will stabilize Itronics' sales as production expands.

Itronics has also made a shipment of silver-bearing matte and a second shipment of silver-bearing glass to its refiner this quarter. The matte shipment is expected to settle before the end of the year. The glass shipment is expected to be settled either just before Christmas or early in January 2018. These shipments are from inventory generated during prior years by test refining to develop the breakthrough refining process. Sales generated by the shipments that are settled in the fourth quarter will be reported as part of fourth quarter sales and will significantly contribute to continued expansion of silver sales which has been underway this year.

Improvements to the refining operation are being made to further increase per melt production from the furnaces by another 11 percent for a total of 35 percent in the fourth quarter. Plans are being implemented to further expand per melt production by an additional 40 percent in the second quarter 2018 by adding an e-scrap grinder to the operation. The Company believes that further production expansion using the existing furnaces will be achievable as more operating experience is gained.

In 2017 the prices of copper, zinc, silver, gold, and palladium have increased sharply, in some cases, to multi-year highs. Many forecasters are predicting that gold and silver prices will significantly increase from current levels. Copper and tin are at multi-year highs. Itronics is now positioned to benefit significantly as production is expanded and these metal prices continue to increase.

Itronics is aggressively advancing development of its sustainability maximizing portfolio of new "Zero Waste" technologies whose objective is to create new non-seasonal lines of business using the Company's core technologies. The focus of the hydromet and pyromet technology extensions is on expanding pilot scale refining of materials that contain silver and other precious metals, along with zinc and other base metals. Development of the KAM-Thio cyanide remediation and silver/gold recovery technology is underway and is progressing rapidly.

About Itronics

Headquartered in Reno, Nevada, Itronics Inc. is a "Creative Green Technology" Company which produces GOLD'n GRO specialty liquid fertilizers, silver bullion, and silver-bearing glass. The Company's goal is to achieve profitable green technology driven organic growth in specialty GOLD'n GRO fertilizers, silver, zinc, and minerals. The Company's technologies maximize the recovery and uses of metals and minerals and by doing this maximize sustainability.

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 100 percent of the spent photoliquids into GOLD'n GRO liquid fertilizers, silver bullion, and silver bearing glass. This is internationally recognized award winning "Zero Waste" Technology. The Company is developing a portfolio of environmentally beneficial "Zero waste" processing and mining technologies. Itronics has received numerous domestic and international awards that recognize its ability to successfully use chemical science and engineering to create and implement new environmentally green recycling and fertilizer technologies.

The Company's environmentally friendly award winning 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 https://www.amazon.com/s/ref=nb_sb_noss_2?url=search-alias%3Daps&field-keywords=GOLD%27n+GRO. Due to expanded retail customer interest, GOLD'n GRO fertilizer may now be purchased in Reno, Nevada at "Buy Nevada First Gift Shop", 4001 S. Virginia St.

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