



Republic Services and Lab USA Unveil State-of-The-Art Landfill Ash Metal Recovery Facility

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Facility to Treat Over 1 Million Tons of Ash

ROOSEVELT, Wash., June 14, 2016 /PRNewswire/ -- Republic Services, Inc. (NYSE: RSG) and Lab USA unveiled a state-of-the-art ash metal recovery facility today at the Roosevelt Regional Landfill. The advanced process allows for the reclamation of metals found in ash previously lost through traditional methods of resource recovery. The facility is set to process all newly delivered ash to the Roosevelt Landfill as well as systematically process all of the existing ash currently in the landfill. Once recovered, the metals are recycled, shipped to manufacturers and repurposed to make new metal products.



"Environmental challenges require innovative solutions. We are proud to partner with Lab USA and remain committed to identifying advanced technologies and resources that allow us to repurpose valuable commodities to make new products," stated Mike Huycke, area president with Republic Services. "We must lead by example, working diligently to preserve our natural environment through innovative landfill and processing technologies."

"Lab USA is very excited about beginning this long-term relationship with Republic Services. The Roosevelt Regional Landfill is an example of progressive waste management and Lab USA is proud to be a part of the effort to protect the planet. The removal of metals from ash is a big step in recycling efforts and it is the first step in the beneficial use of ash, on which Lab USA is focused," stated Brent DuBois, president and CEO of Lab USA.

The facility is estimated to recover and recycle over 46,200 tons of ferrous metals and 42,900 tons of non-ferrous metals. Ferrous metals are those which contain iron such as steel, stainless steel and cast iron. Non-ferrous metals are those that do not contain iron and do not have a magnetic quality such as aluminum, copper, lead and tin.

Roosevelt Landfill utilizes the waste collected from municipalities across Washington and converts the methane gas (CH₄) into a renewable energy source. Working with the Klickitat Public Utility District, the landfill currently provides enough energy to power up to 30,000 local households annually.

"The Ash Processing Facility continues a tradition of environmental stewardship and technical innovation that has always been present at the Roosevelt Regional Landfill. Klickitat County is a proud partner with Republic Services and Lab USA," stated Kevin Berry, Klickitat County Solid Waste director.

The volume of metals recovered and recycled through this facility will have measurable environmental impacts. According to the American Iron and Steel Institute, the energy consumption of recycling iron is 20 percent lower than that of mining and processing iron from natural resources. The International Copper Association reported that the energy savings from recycling copper is approximately 60 percent lower than that of mining copper from natural resources. The planned recovery of 46,200 tons of ferrous metals from this facility is equivalent to constructing approximately six Eiffel Towers. The expected recovery of 4,290 tons of copper could make approximately 24.9 million linear feet of half-inch copper piping used to carry water in households. That is enough pipe to stretch from Roosevelt, Wash. to New Orleans, La. and back. Reclaiming these metals that were previously lost through traditional methods of resource recovery significantly reduces greenhouse gas emissions.

About LAB

LAB specializes in the reduction of emissions to air, water and soil (e.g. by flue gas treatment, waste water treatment, treatment of residues and of bottom ashes).

LAB offers the latest patented technology, in compliance with the Best Available Technologies framework. Its competitive solutions enable customers to increase the profitability of their thermal plants and to recover metal from incineration bottom-ash, while drastically reducing the impact of industrial activities on the environment. LAB has offices in the USA, Germany and France and operates worldwide. LAB is a subsidiary of CNIM Group.

About CNIM Group

CNIM designs and builds turnkey high-tech industrial facilities and provides expertise, service and operations support in the environment, energy, defense and industrial sectors. CNIM leads projects and sells equipment worldwide. CNIM relies on stable family ownership, which underwrites its development. The Group has 3,000 employees with revenues in 2015 of €727.0 million, of which exports accounted for 61.3%. CNIM is quoted on Euronext Paris.

About Republic Services

Republic Services, Inc. (NYSE: RSG) is an industry leader in U.S. recycling and non-hazardous solid waste. Through its subsidiaries, Republic's collection companies, recycling centers, transfer stations and landfills focus on providing effective solutions to make proper waste disposal effortless for their commercial, industrial, municipal, residential and oilfield customers. *We'll handle it from here.*™, the brand's tagline, lets customers know they can count on Republic to provide a superior experience while fostering a sustainable *Blue Planet*™ for future generations to enjoy a cleaner, safer and healthier world.

For more information, visit the Republic Services website at RepublicServices.com. "Like" Republic on Facebook at www.facebook.com/RepublicServices and follow on Twitter [@RepublicService](https://twitter.com/RepublicService).



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