

UNDERSTANDING THE INCINERATION AND MONOFILL PROCESS



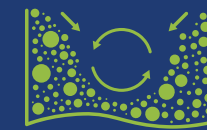
STEP 1 RECEIVED

HAZARDOUS WASTES ARE RECEIVED AT ROSS INCINERATION'S GILES ROAD FACILITY. Wastes include liquids such as industrial solvents, sludges and oils as well as solids such as rags, paints and demolition debris. The transportation of waste is regulated and monitored by the U.S. Department of Transportation.



STEP 2 INCINERATED

WASTE IS INCINERATED AT TEMPERATURES HIGH ENOUGH TO DESTROY THE HAZARDOUS CONSTITUENTS AND REDUCE THE VOLUME. Material that remains after incineration is known as "incineration residuals." Incineration residuals can consist of ash, filter cake and other residuals such as scrubber water salts, refractory brick and air pollution control packing. Currently Ross Incineration transports these residuals to an off-site facility. The monofill will allow Ross Incineration to treat and dispose of these residuals onsite, thereby improving the long-term viability of Ross.



STEP 3 STABILIZED & SOLIDIFIED

THE RESIDUALS ARE STABILIZED AND SOLIDIFIED IN A CONTROLLED PROCESS. First, the residuals are placed into a specially designed container to be cooled. Then they are mixed with reagents like Portland cement and limestone. This step will stabilize any inorganic elements and solidify the residuals. When this process is completed the residuals have a concrete-like consistency. All residuals will be stabilized in accordance with EPA regulations before being placed into the monofill.



STEP 4 DISPOSED

FINALLY, THE STABILIZED AND SOLIDIFIED RESIDUALS ARE CAREFULLY PLACED IN A DOUBLE-LINED MONOFILL CELL. The monofill will be designed to meet or exceed industry standards and use the latest technology available. It will be comprised of multiple cells operating one at a time. Each cell will be covered when not receiving residuals in order to reduce contact with rainfall and minimize dust. Any rainwater that passes through the monofill, known as leachate, will be collected and reused in the incineration process or safely disposed of at an EPA-approved facility.



STEP 5 MONITORED

ROSS INCINERATION PROVIDES ONGOING MONITORING AND MAINTENANCE OF AIR, LEACHATE AND GROUNDWATER. We have a proud history of safety and compliance in everything we do. We will continue to honor that commitment in the operation of this monofill. We have been a member of the community since 1949 and our ongoing maintenance of the monofill is just another way we take care of where we live and work.



We are a family-owned, future-focused group of companies, operating in this community since 1949, and committed to being a responsible neighbor and employer.

RossEnvironmental.com/monofill