

Good for the environment? Think about it.

Clay pipe *is* the environment.

Earth and vitrifying heat.

Simply stated, those are the ingredients for clay pipe.

What could be more natural? Or more environmentally friendly, both in how it's made and how it's used?

Logan Clay products have a wonderful record of sustainability. And a bright future with municipalities that understand why green is more than a color, and why clay pipe is green in every way but its appearance.



2,500-year-old pipe stacked for reuse in Ephesus, Turkey.

Earth's natural pipe solution.

With heightened awareness of the impact our decisions today have on the quality of the world we leave to future generations, municipalities and engineers across the country are giving clay sewer pipe a second look. And for good reason.

Vitrified clay remains the most durable sewer pipe material. It uses the ultimate green materials: clay and shale, which are entirely natural and in abundant supply within a short drive of the Logan plant (less energy required). Because clay pipe is rigid, it requires significantly less stone bedding material than flexible (thermoplastic) pipe. This represents a substantial reduction in the amount of aggregate that must be purchased and transported to a site when compared to flexible pipe. For more information on the differences in bedding requirements, contact Logan Clay at 800-848-2141.

The natural choice.

Logan Clay Pipe is the natural choice. Natural raw materials and natural production processes make a naturally long-lasting pipe. No process wastewater is created in the production of vitrified clay pipe.

Many competitive products are petrochemical-based, with varying degrees of certainty about their long-term environmental impacts.

Natural origins and the longest life cycle make clay pipe the environmentally responsible choice for sewer pipe.

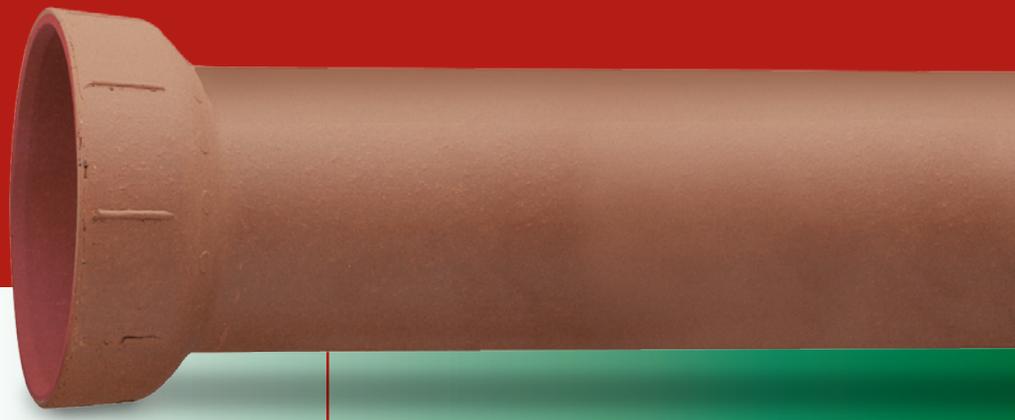
A natural evolution.

Clay has been used in sewers for thousands of years, but at Logan Clay, working with the cleanest, most natural pipe material and thousands of years of experience is just the beginning.

Logan has been certified sustainable to the triple bottom line by the Institute for Market Transformation to Sustainability under their SMaRT certified program. The SMaRT standard analyzes the impacts of a product's entire lifecycle, from raw materials extraction to manufacturing and transportation through end-use, disposal or recycling.

The transparency of the program means anyone can look at a scorecard and make their own evaluations based on their own priorities.





Naturally sustainable.

Bottom line: no other pipe material can match all the sustainability advantages of clay. And that's particularly true for Logan Clay pipe. Here's why:

- **Efficient sourcing** – 98% of the raw materials are located within 10 miles of the Logan Clay production facility.
- **Efficient production** – Logan Clay uses computer-controlled firing technology to minimize our carbon footprint.
- **Efficient materials management** – Pipe that doesn't meet our stringent standards is recycled back in to Logan's raw material stream. As a result, no product is ever wasted or placed in a landfill.
- **Energy efficiency** – Recycling kiln heat for drying reduces energy requirements.
- **Lower lifetime carbon impact** – The high strength and long life cycle of vitrified clay lowers both its life-cycle cost and its lifetime carbon impact. It doesn't pollute and it doesn't degrade. Now *that's* sustainability!

So the next time someone asks you about the sustainability of clay pipe, just tell them no other pipe material does the job better – naturally.



Unmatched sustainability – *Clay pipe is the natural choice for sustainable sewer pipe. With the longest life cycle, abundant raw materials and energy-efficient production, Clay pipe is the most sustainable sewer pipe available.*

The City of Oakland's environmental resolution:

Section 3.6.8 The City of Oakland shall reduce or eliminate its use of products that contribute to the formation of dioxins and furans. Purchases shall be consistent with the City's resolution establishing policy on dioxin, public health and the environment... Prohibiting purchase of products that use polyvinyl chloride (PVC) such as, but not limited to office binders, furniture, flooring, and medical supplies, whenever practicable.

*City of Oakland, California
Revised Resolution for
Environmentally Preferable
Purchasing Policy, 2007*



Logan Clay products have been certified as sustainable to the triple bottom line by the SMART certification program of The Institute for Market Transformation to Sustainability. SMART certification requires a multi-attribute, third-party evaluation including an ISO 14001 compliant lifecycle analysis and has been approved for credit under USGBC's LEED rating system. For more information about this certification, please visit ncpi.org