

Bolder Industries
Summary for Terre Haute City Council
July 2022

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CITY CLERK

About Bolder Industries

Founded in 2011, our vision is to deliver circular solutions that will transform manufacturing sustainability worldwide.

Our mission is threefold:

1. *Significantly reduce landfilling*
 2. *Drastically cut emissions, water, and energy usage*
 3. *Create local jobs in an emerging industry*
- *Our sustainable products: BolderBlack[®], BolderOil[™], and BolderSteel[™]*
 - *Proven proprietary process utilizes 98% of every scrap tire: 98% less CO₂, 85% less water and energy compared to virgin carbon black*
 - *Currently employ 60+ people — primarily at our local facilities*
 - *ISO 9001 Certified, ISCC PLUS Certified, and a Certified B Corp*
 - *We partner with customers and organizations committed to sustainability and ESG*

Bolder Industries Terre Haute: Project Overview

- Phase I (Year 1-2): 3 reactors - \$45-50MM, 35-50 total employees
 - Payroll Headcount/Payroll Ranges:
 - Plant Management (2): \$100-150K
 - All Other Salaried Staff (10): \$50-75K
 - All Hourly (40): \$35-50K
 - Our headcount and average salary has increased as our needs have increased upon further review of the finishing line equipment and immediate-term production and order fulfillments.
 - Benefits: All positions include healthcare coverage for individuals and families, 401k benefits, generous PTO, comprehensive training, and are eligible for performance incentives.
- Phase II (Year 3-4): 3 reactors - \$35-40MM, 55-80 total employees
- Phase III (Year 5-6): 3 reactors - \$20-25MM, 75-100 total employees

Record of Contractor Activity: Terre Haute

- Demo: \$250K, specialized demo with NorthStar (power plant demo experience & long term relationship with CEO & General Counsel), which has been completed
 - Local bids: \$1-1.55M
- Program Manger will oversee all engineering and construction trades:
 - HGA is currently the engineer of record
 - Program Manager will be a global firm used by BI to ensure uniformity across all facilities built worldwide; selection process still active and no contract awarded
 - Local contractors will be used for as much of the project possible
 - No contracts awarded or promised to date

- Delays have largely been due to permitting and redesign with larger expansion possibilities
- Local contractor activity:
 - BI has met with local contractors and believes the skills sets are available for much of the work including, but not limited to:
 - Civil
 - Structural
 - Concrete
 - Insulation
 - Plumbing
 - Electrical
 - Contractors BI Terre Haute has used to date:
 - John John Plumbing
 - Ryan Fire Protection
 - Crown Electric
 - Koorsen Fire & Security

Record of Operational Activity: Terre Haute

- Hired 5 new direct employees in the past two weeks
- 4 opens roles to be filled by end of July
- The finishing line is planned to be operational by the end of August

Record of Contractor Activity: Maryville

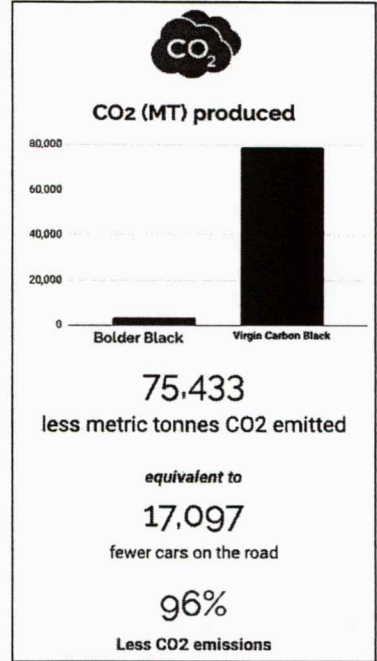
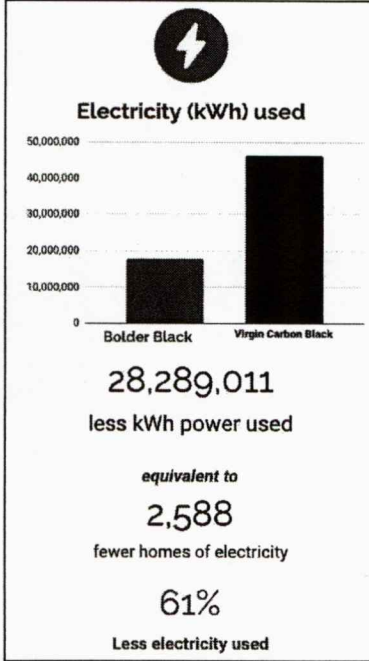
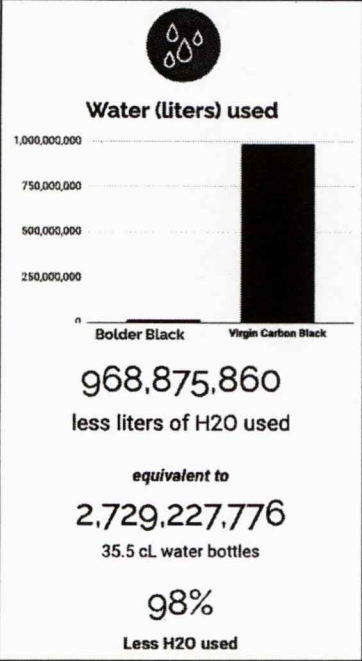
- 95%+ union labor used in Maryville
- See endorsements from Maryville area contractor(s), included in folder

BI Terre Haute: Environmental Impact

Below is the environmental savings that will be realized upon commissioning of all 3 reactors planned for Phase I. These figures will triple upon completion of Phase II and III.



Bolder Black <hr style="width: 80%; margin-left: 0;"/> 10,000 MT	3,233,413 Tires diverted from landfills
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*based on a life-cycle analysis (LCA) performed by Bolder Industries and technically evaluated by ThinkStep.

Customer Testimonials



"This is exactly the type of business innovation our industry needs. We can maintain our current collection routes, have insight into our end-of-life tires and have an opportunity to work directly with our current suppliers to purchase sustainably sourced raw materials for our manufacturing. It's a win-win for everyone involved."

— Luiz Polimeno, Global Purchasing Director of Pirelli Tire



"This is exactly the next step we've been looking for."

— Hub Hubbard, Patagonia



"Liberty is in constant pursuit of the highest and best use of end-of-life tires. We have been investigating the chemical extraction business for many years and Bolder has proven to be a partner we can rely on to work with us and our customers on a large scale. Bolder and Liberty are aligned in their goals to increase sustainability for waste tires and our new partnership will accelerate the growth and global expansion for both companies in this critically important space."

— Thomas Womble, CEO of Liberty Tire Recycling



"To be able to take something as notoriously synonymous with pollution as an old tire, and repurpose it into literally hundreds of different useful products is an incredible achievement by Bolder Industries. We at Tauber Oil are delighted to have a hand in bringing to market products from our industry such as carbon black feedstock that not only reduce production emissions and natural resource use, but keep millions of tires out of landfills every year."

— David Tauber, Sr., Chairman of Tauber Oil



"Tokai Carbon Company investigates circular solutions for our company and Bolder is a leading company in providing solutions for end-of-life tires. Bolder has assisted Tokai in becoming the world leader in delivering partly sustainable ASTM grade carbon blacks with our use of BolderOil."

— Bill Jones, President of Tokai Carbon Company