

Sustainable Forest Study

Full Scale Implementation OR Pilot Scale/Study

1. Description of the project: What is the issue and how did you fix it?

Benton Foundry sits on about 200 acres. The forest study is to evaluate the steep sloped land area of roughly 150 acres and make sure the natural forest is robust and regenerative.

2. Environmental Benefits: Conservation of raw materials or energy, reduction or elimination of emissions, wastes, toxics, water discharges, etc.

Natural CO2 sequestration.

3. Other Benefits: Productivity, health and safety, employee morale, etc.

Foundry employees hunt deer, turkey, and other in-season animals on the property.

4. Cost Savings: Capital cost, operating cost, ROI or other pertinent cost information.

Cost of this study was \$3,500 and the benefits are immeasurable

5. Applicability to other foundries and additional Comments

Yes

6. Applicable Environmental Categories and Foundry Processes. Select all that apply.

Environmental Categories

- Carbon (GHG) Emissions Measurement and Reduction
- Air Quality Water Use and Discharge Waste Management
- Beneficial Use Stormwater Material and Resource Conservation
- Community Engagement

Foundry Process(es) Impacted

- Melt Pour Mold Core sand system/reclaim
- Shakeout Heat Treat Quench Finishing Shipping
- Maintenance Pattern Shop Casting Design
- Management Systems and Metrics
- Other, explain:

7. Add photos to enhance your application, if applicable.