

Biochar Kiln Burn Plan

Name of person responsible for this burn:

Phone Number

Burn address

Legal Description

County	Township & Range	Section

Number of piles of feedstock the size of the kiln.

*For each pile the size of the kiln you should plan
for at least 10 gallons of water to quench.*

Number of gallons of water available to quench.

Quench source

- Water tank
- Faucet from building with a hose
- Snow from the kiln location

Number of people available to manage the burn

kiln lighting, adding feed stock, quenching

Heavy Equipment available if needed to empty kiln

Suggested safety gear check list:

- safety glasses
- fire gloves
- shovel
- McLouded fire tool

McLouded fire tool



Emergency Numbers:

- Fire Department
- Sheriff
- DNR Forestry
- Medical help

Batch similar size material for best results. Mixing in big diameter stock with small diameter stock will result in the small stuff burning too far into ash before the big stuff can burn into char.

Pre Kiln Burn Checklist:

- Checked for required burning permit
- Permit recieved
- Kiln location is away from combustable material
- Kiln location is away from buildings
- Access to water source for quench
- Adequate volume of accesable water for quench
- Kiln location is ok to drian excess quench water
- Kiln location is adequatye to dump kiln of biochar
- Considered wind conditions on the day of the burn

During Kiln Burn Data Collection

- Temprature of fire during burn _____
The Carlton SWCD has equipment for recoding Temprature
- Number of piles of feedstock the size of the kiln. _____
- Predominate Species of feedstock _____
- Predominate feedstock size (dia.) _____
- Approximate amount of water to quench _____