



Appalachian Regional Reforestation Initiative

And the Forestry Reclamation Approach

Who is ARRI?

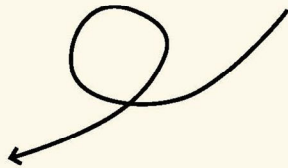
ARRI is a branch of OSMRE and an alliance of stakeholders that are dedicated to forest restoration on active, abandoned, and legacy site (bond released) mine lands using a reclamation technique known as the Forestry Reclamation Approach (FRA).



Before



After



ARRI Goals

- Plant more high-value native trees on reclaimed coal mined lands in Appalachia.
- Increase the survival rates and growth rates of planted trees.
- Expedite the establishment of forest habitat through natural succession, by exposing soil and allowing native seed to move in.



Benefits of Reforestation



- Biodiversity
- Wildlife Habitat
- Timber Production
- Water Quality
- Air Quality
- Carbon Storage
- Job Creation
- Outdoor Recreation
- Aesthetics

5 Steps of Forestry Reclamation Approach



Create suitable reforestation growth medium.



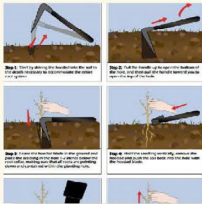
Minimize compaction of growth medium.



Plant tree compatible ground plants.



Plant native trees and shrubs.



Use proper tree planting techniques.

