

DENALI SERVICES: MINE LAND RECLAMATION



For many years, your mine lands served you well. But when those mines have reached the end of their productive life, what's next?

To recoup your bond requires returning vegetation to the former mine site. With Denali's proven mine land reclamation program, you can restore plant life and return fertility to the soil, ensuring you receive a maximum return on your bonded amount as well as being good to the ground that was good to you.

For more than 20 years, we have successfully used organic fertilizer and reseeding to reclaim and revegetate mining-impacted areas, creating verdant grasslands and vital wildlife habitats. Our comprehensive approach includes site analysis, tailored applications of organic material and successful collaboration with state and federal environmental agencies to ensure the best possible outcome for land reclamation and habitat restoration.



A NATURAL APPROACH

Denali's program features an efficient, effective, and low-cost method of regenerating plant life on retired mine lands. By using either Class A or Class B biosolids, Denali has helped restore more than 3,000 acres of retired mine land across the United States, turning "moonscapes" into meadows." The biosolids provide a rich source of organic material, essential nutrients, and moisture. More than half of these lands are now accessible to the public for hunting and recreation.

We have a long history of successful collaboration with state and federal environmental agencies, including working with the U.S. EPA on Superfund sites, the U.S. Department of the Interior, the Office of Surface Mining and Reclamation, and the Abandoned Mine Land Reclamation Program.

Mine land before Denali program



Mine land following Denali program

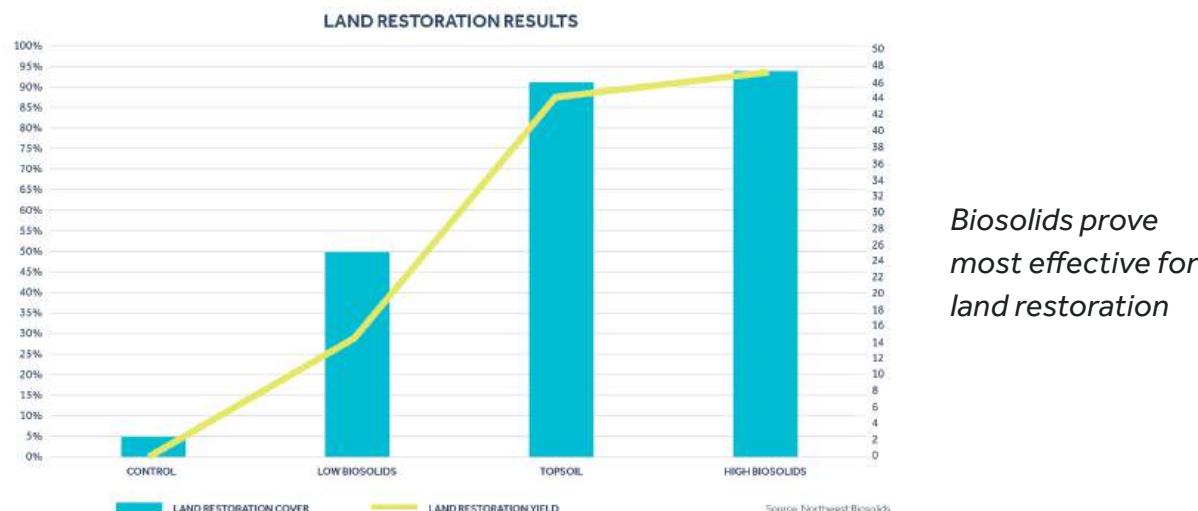


OTHER BENEFITS

In addition to supplying optimal macronutrient and micronutrient levels and, frequently, significant amounts of lime, biosolids offer other benefits. They are excellent soil conditioners, providing stable organic matter that can greatly increase the water holding capacity of soils. The organic matter in biosolids can also increase percolation and enhance soil aggregation. And, applying the biosolids to your retired mine land provides an environmentally friendly use for a material that would otherwise be disposed of in a landfill.

A COST-EFFECTIVE SOLUTION

Partnering with Denali, the nation's leading full-service organic recycling company, provides you with a reliable source of low-cost organic fertilizer with a long track record of delivering positive results. Because biosolids are an environmentally friendly solution for land restoration favored by communities wanting to improve their residuals management and recycling programs, they subsidize the cost, potentially providing substantial savings compared to commercial fertilizers and other traditional mine reclamation methods.



HOW DOES IT WORK?

Our specialists will conduct an analysis of your land to determine the ideal agronomic rate needed to restore vegetation. Then, we will deliver the biosolids and apply them to your land at the optimal rate. We use specialized application equipment to evenly distribute biosolids across the designated area. The distribution area will receive nitrogen, phosphates, potassium, calcium, magnesium, sulfur, iron and other beneficial elements.

WHY DENALI?

We take our role as environmental stewards seriously with regard to recycling waste and converting it into valuable end products. Regardless of the path the organic waste takes — feed, fertilizer, or fuel — we ensure it is managed to the highest standards, in compliance with all regulations, and is a quality product that is beneficial to your retired mine lands.



WHY DENALI?

BY THE NUMBERS



20+ Years'
Experience with mine
land reclamation

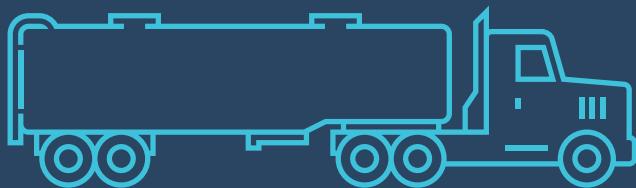


3,000
acres reclaimed



500,000+
Tons of organic material
applied to retired mine lands

1,000 trucks



53
compost
partners



11
anaerobic
digester
partners

24 compost, mulch
& soil facilities



38 

processing facilities
in 14 states

5



animal feed
manufacturing sites

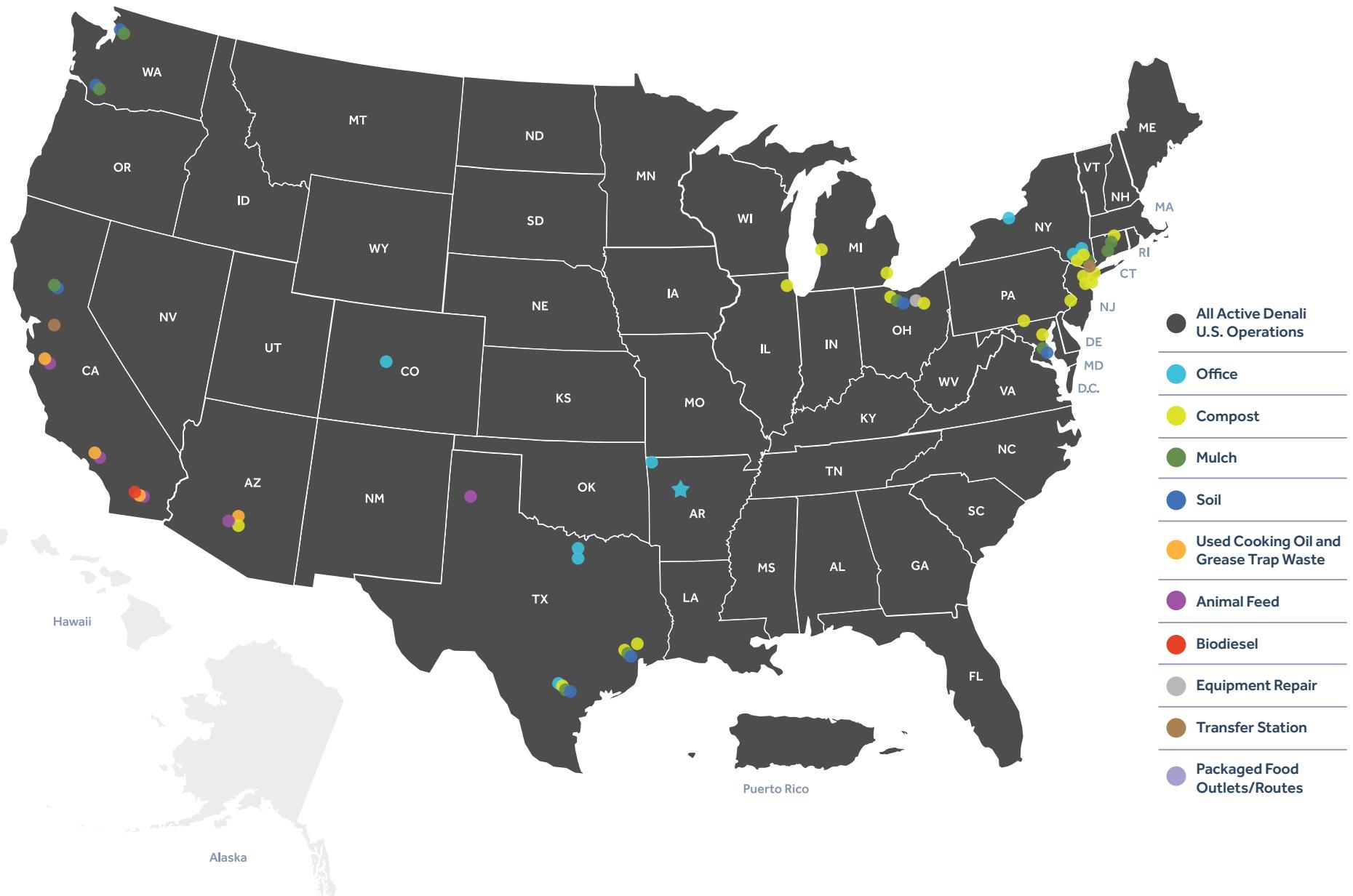
235



farms for animal feed

FACILITIES MAP

64 Denali Locations



DENALI

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resources:

