

Case Study

Kraemer Mining & Material.

Multiple Problems. One Solution.

Site:

Kraemer Mining &
Material, Colfax, WI

Contractor:

Fencing Plus

Solution:

Hydraulically applied
FusionTM combined
with elixir microbes,
seed mix, and
starter fertilizer

Depleted Topsoils, Revegetation and Erosion Control

When erosion control contractor Fencing Plus and LSC Team Members met with the sand mine managers from Kraemer, the situation was ugly. It was very evident that traditional methods had failed to solve their reclamation issues.

They desperately needed a solution for their overburdening tailing piles.

“The LSC Team brought us the most effective solution at the best total cost.”

Bernie Birkenholz — Owner and President of Fencing Plus

From Bare to Beautiful. Less Time. Less Costs.





Fusion™ application rate @ 4000 lbs/acre

Elixir microbes @ 2 gallons/acre

WiDOT #20 seed mix @ 130 lbs/acre

Starter fertilizer @ 300 lbs/acre



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Fusion™ — Problems Solved:

Prior to using Fusion™, the contractor and site managers spread a thin layer of topsoil over the depleted exposed ground. Next, they broadcasted seed, laid single net and double net straw blanket and stapled it to the ground. This approach failed. It was expensive and time consuming, requiring 10 working days to install. By switching to Fusion™, an engineered Hydraulic Biotic Soil Amendment (HBSA,) immediate erosion control protection, soil reclamation, and long term vegetation goals were achieved with a one step, spray-on installation. All completed in just 2 days.



The 6.75 acre Kraemer Mining & Material site was burdened with tough soil reclamation, re-vegetation and erosion control challenges:

Accessibility – A difficult site to access. Less trips meant less money spent. One hydraulic sprayer eliminated the need for dozens of truckloads of soil.

High Rainfall – Some months had over 8 inches of precipitation. No problem for the award winning performance of Fusion™'s erosion control capabilities.

Steep Slope – A double win for Fusion™, due to its ease of application and erosion control.

For cost savings projections or to locate your nearest Fusion™ dealer:



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