

Product Evaluation

RE: StaSoil

PRODUCT INFORMATION

Product Name: Stasoil
Website:Manufacturer: CTAC, Riverview, Florida, USA
Supplier: Gary Buchannan, Calgary

VENDOR CLAIMS AND INFORMATION

CLAIMS

StaSoil is 2-tier solution where first tier is for dust control and second tier is for soil stabilization. STASOIL complies with the Alberta Tier 1 Soil and Groundwater Remediation Guidelines (no restricted compounds). It has been validated for use in freeze-thaw environments and does not degrade surface integrity in cold weather. It requires only 2 applications per year and is compatible with existing municipal spray trucks.

DESCRIPTION

StaSoil is 100% organic proprietary nanopolymer blend, with primary components of Biodegradable surfactants, natural polymers, nano-silicates. It is non-corrosive and is safe for livestock, vegetation, and adjacent water bodies.

POTENTIAL USAGE

Road sections with seasonal dust issues, especially residential areas near high-traffic gravel roads or intersections. An ideal upgrade to current chloride-based spot-treatment programs.

STANDARDS

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors does not have prior experience with this product.

APPLICABLE STANDARDS

Transportation and Economic Corridors standard specifications 53.31, Supply and Apply Dust Abatement.

RECOMMENDATIONS

StaSoil be listed as a Potential Product under Transportation and Economic Corridors Products List, Dust Abatement – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat: This product should not be applied within 100m of any surface waters including rivers, creeks, or other water bodies

TRIAL PROJECTS

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