



Sustainable Technology Evaluation and Demonstration (STED) Program

Biobased Traffic and Road Marking Paint Demonstration



Technology Description

Road marking paint that uses biobased materials in place of petroleum-derived components.

Potential Impact

- Reduce petroleum consumption by at least 30%.
- No Volatile Organic Compounds/low-emitting.
- Less hazardous to workers and the environment than solvent-borne paints.
- Easy cleanup, less downtime; No hazardous waste disposal.

Benefits

- Less hazardous compared to solvent-borne paints.
- Not derived from petroleum, unlike most traditional waterborne paints.
- BioPreferred Product Category: expand markets for domestic agricultural products.

Demonstration Sites

- JBLM
- JBSA
- MCAGCC 29 Palms

For additional information please contact:

- osd.mc-alex.ousd-a-s.mesg.dod-sted-program-mbx@mail.mil
- Department of Defense (DoD) Sustainable Products Center (SPC):
<https://www.denix.osd.mil/spc/index.html>



JBLM