TECHNICAL SHEET

Fines Preservation®

Midwest's Fines Preservation has been proved to increase the strength of the treated soil layer when compared to an untreated soil. This was demonstrated and confirmed by Falling Weight Deflectometer (FWD) testing on several oil and gas access roads which were treated with EnviroKleen®. The charts below illustrate and compare the results of FWD testing on untreated and EnviroKleen treated sections of road. As seen in both of the below roadways, the average CBR values increased dramatically in the treated sections.

Township Road #1: 6" EnviroKleen Blended Application on Oil and Gas Access Road

	AS CONSTRUCTED UNTREATED	ENVIROKLEEN STABILIZED
Subgrade (PSI)	5330 (avg.)	5330 (avg.)
CBR	30 (avg.)	82 (avg.)
Structural Coefficient	0.11	0.17
Coefficient of Variation (COV)	33%	19%
Total SN	1.66	

Township Road #2: 3" EnviroKleen blended Application on Oil and Gas Access Road

	AS CONSTRUCTED UNTREATED	ENVIROKLEEN STABILIZED
Subgrade (PSI)	6989 (avg.)	5339 (avg.)
CBR	75 (avg.)	100 (avg.)
Structural Coefficient	0.14	0.24
Coefficient of Variation (COV)	45%	25%
Total SN	1.95	2.02

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