APPENDIX K

FIGURES

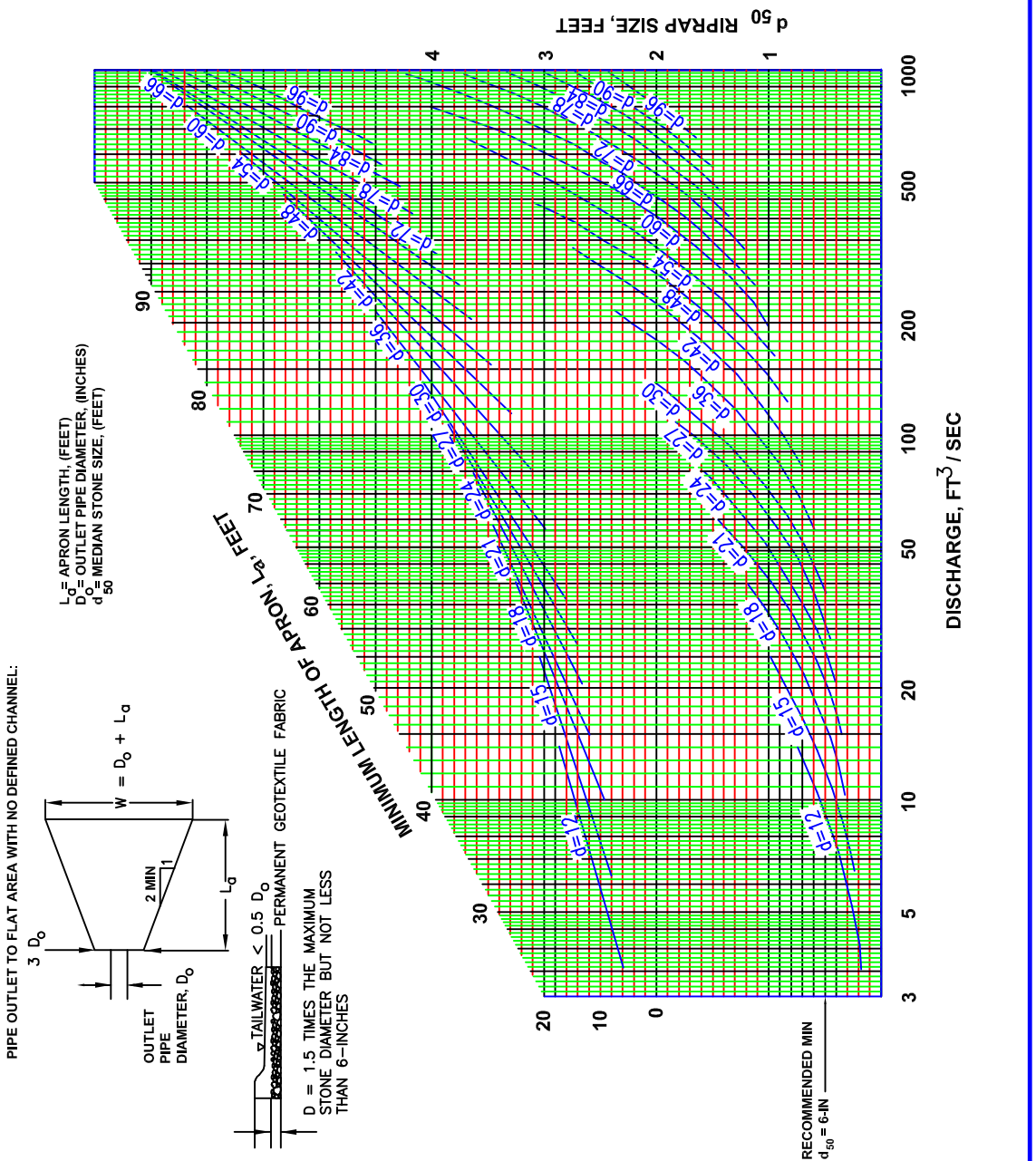
Figures

South Carolina
Department of Health
and Environmental Control

FIGURE RR-6

MINIMUM TAIL WATER CONDITION

EFFECTIVE DATE: AUGUST, 2005



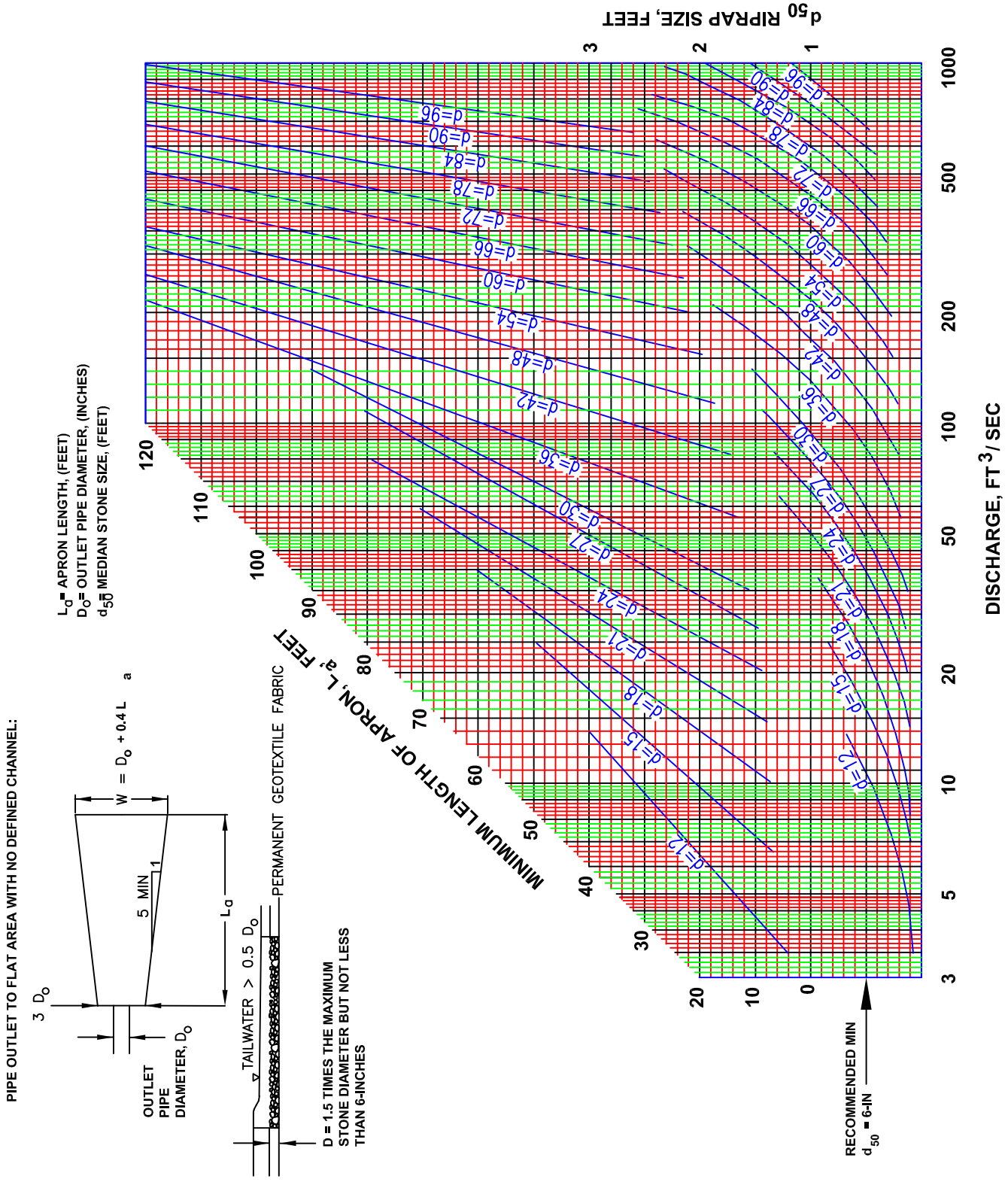
DESIGN OF OUTLET PROTECTION FROM A ROUND PIPE FLOWING FULL
MINIMUM TAILWATER CONDITION (T_W< 0.5 DIAMETER)

South Carolina Department of Health and Environmental Control

FIGURE OP-2

MAXIMUM TAILWATER CONDITION

EFFECTIVE DATE: AUGUST, 2005



DESIGN OF OUTLET PROTECTION FROM A ROUND PIPE FLOWING FULL

MAXIMUM TAILWATER CONDITION (T_w> 0.5 DIAMETER)

South Carolina
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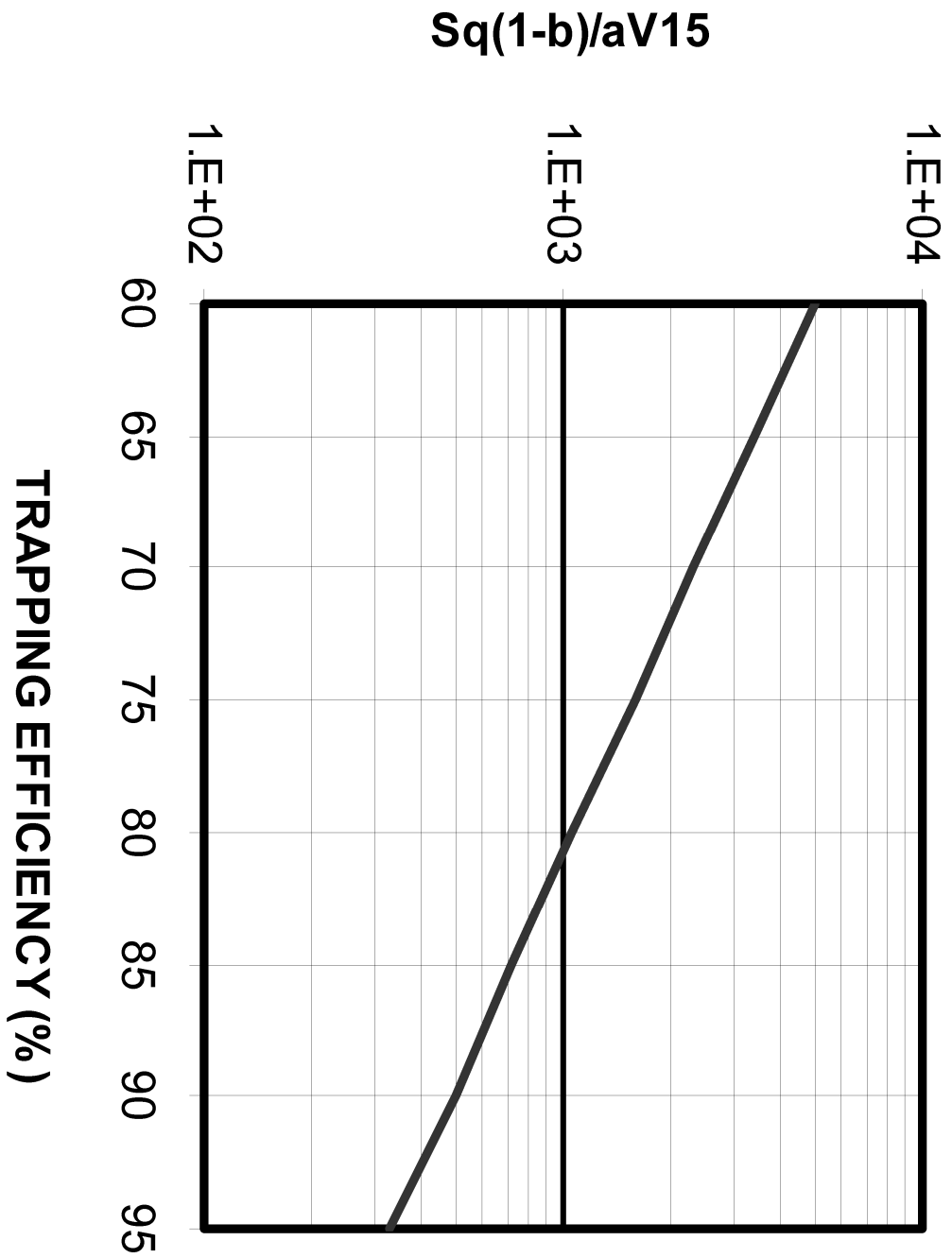
and Environmental Control

FIGURE RC-C
TRAPPING EFFIENCY FOR ROCK DITCH CHECKS WITH COARSE TEXTURE SOILS

EFFECTIVE DATE: AUGUST, 2005



DESIGN AID FOR ESTIMATING TRAPPING EFFICIENCY OF ROCK DITCH CHECKS WITH COARSE TEXTURE SOILS

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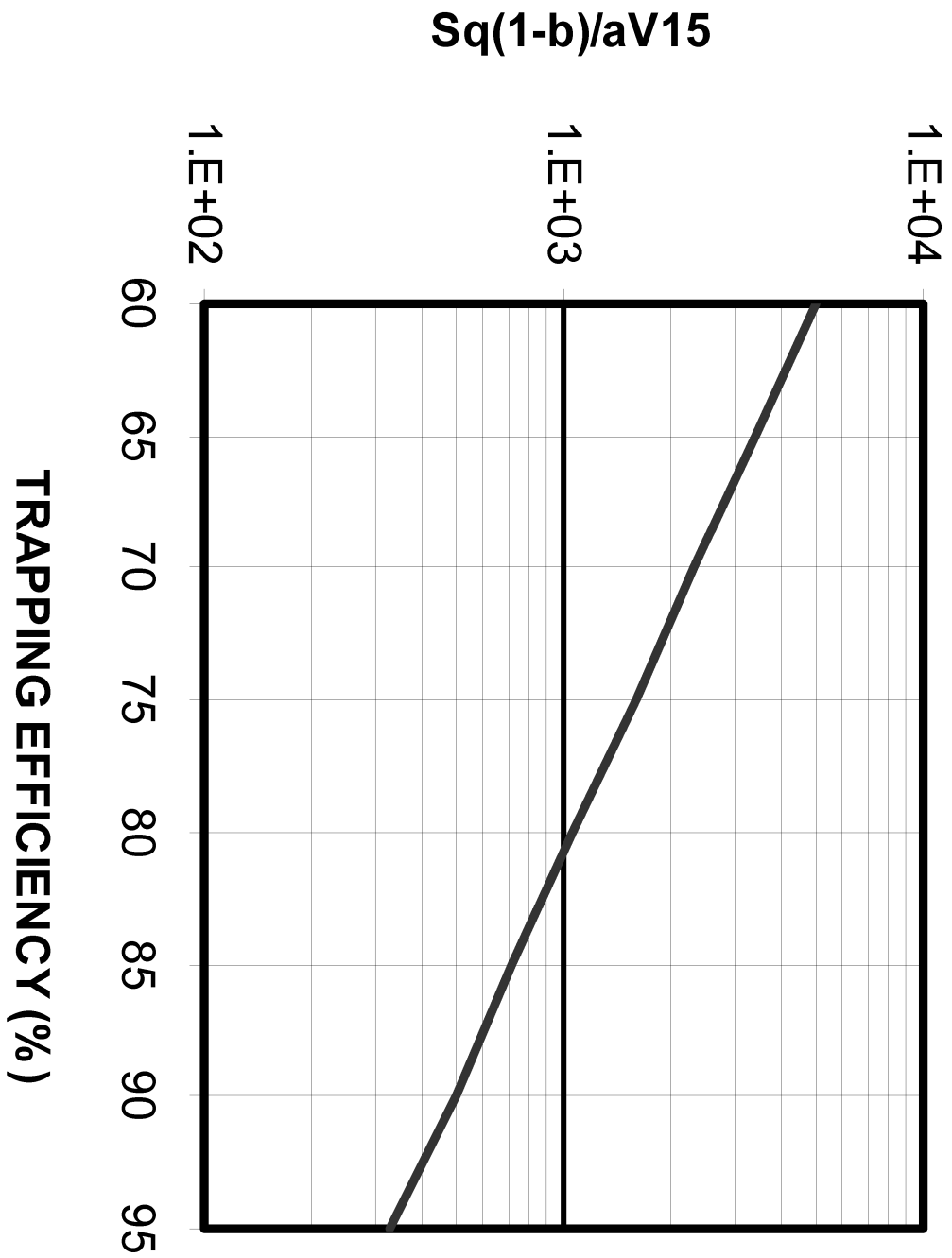
Department of Health
and Environmental Control

FIGURE RC-C
TRAPPING EFFIENCY FOR ROCK DITCH CHECKS WITH COARSE TEXTURE SOILS

EFFECTIVE DATE: AUGUST, 2005



DESIGN AID FOR ESTIMATING TRAPPING EFFICIENCY OF ROCK DITCH CHECKS WITH COARSE TEXTURE SOILS

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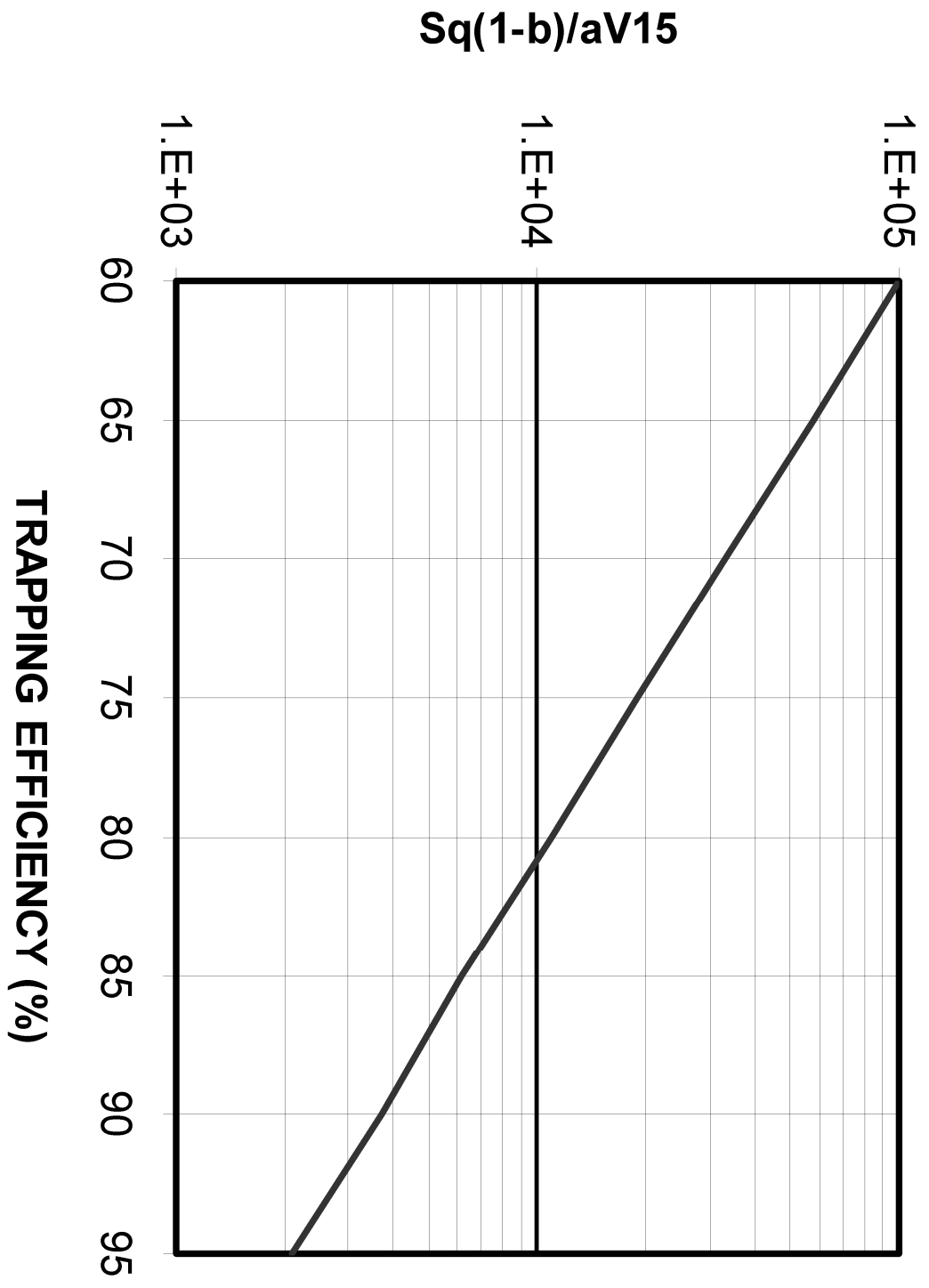
FIGURE RC-F
TRAPPING EFFIENCY FOR ROCK DITCH CHECKS WITH FINE TEXTURE SOILS

EFFECTIVE DATE: AUGUST, 2005



DESIGN AID FOR ESTIMATING TRAPPING EFFICIENCY OF ROCK DITCH CHECKS WITH FINE TEXTURE SOILS

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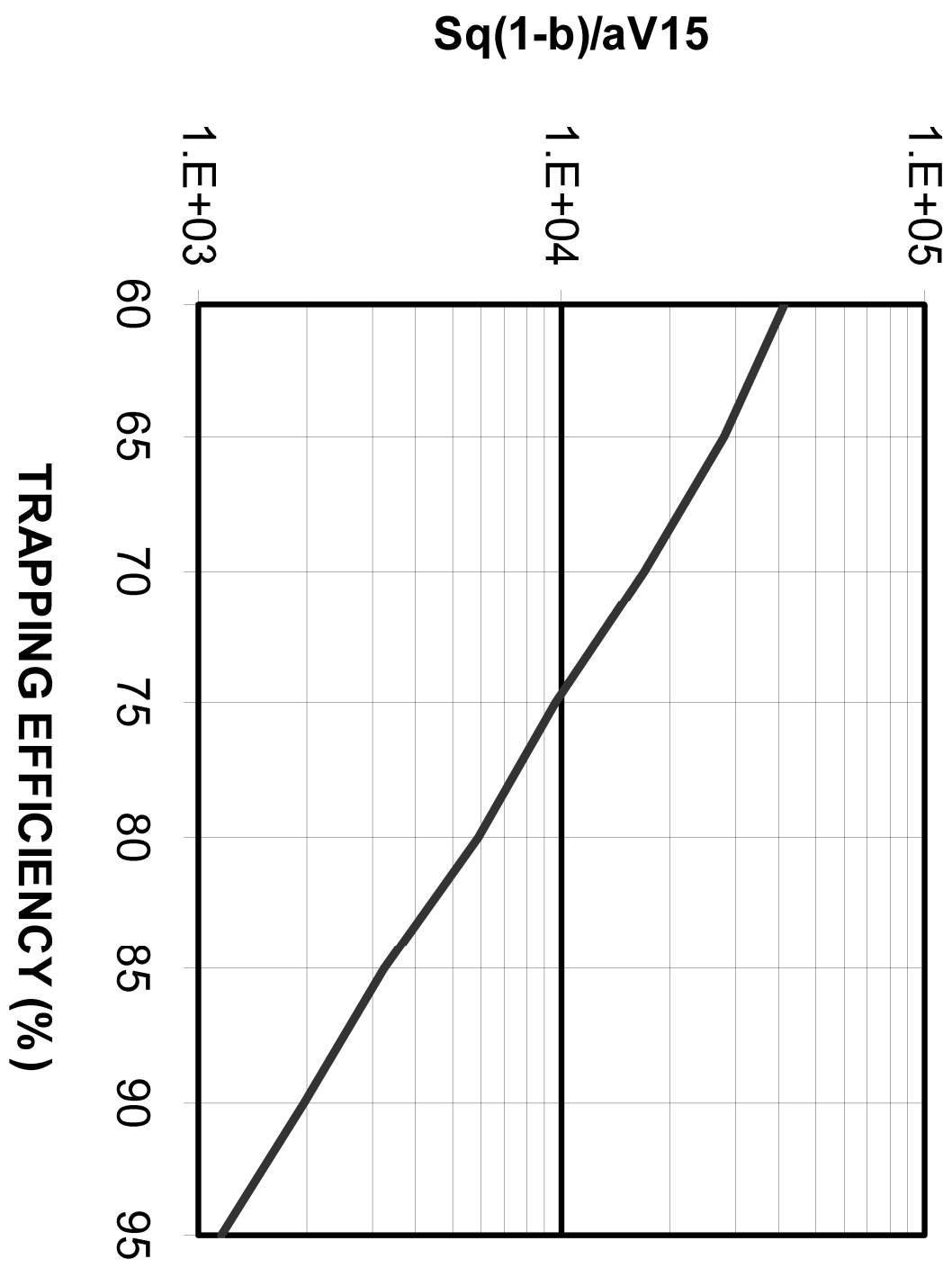
FIGURE RC-M
TRAPPING EFFIENCY FOR ROCK DITCH CHECKS WITH MEDIUM TEXTURE SOILS

EFFECTIVE DATE: AUGUST, 2005



DESIGN AID FOR ESTIMATING TRAPPING EFFICIENCY OF ROCK DITCH CHECKS WITH MEDIUM TEXTURE SOILS

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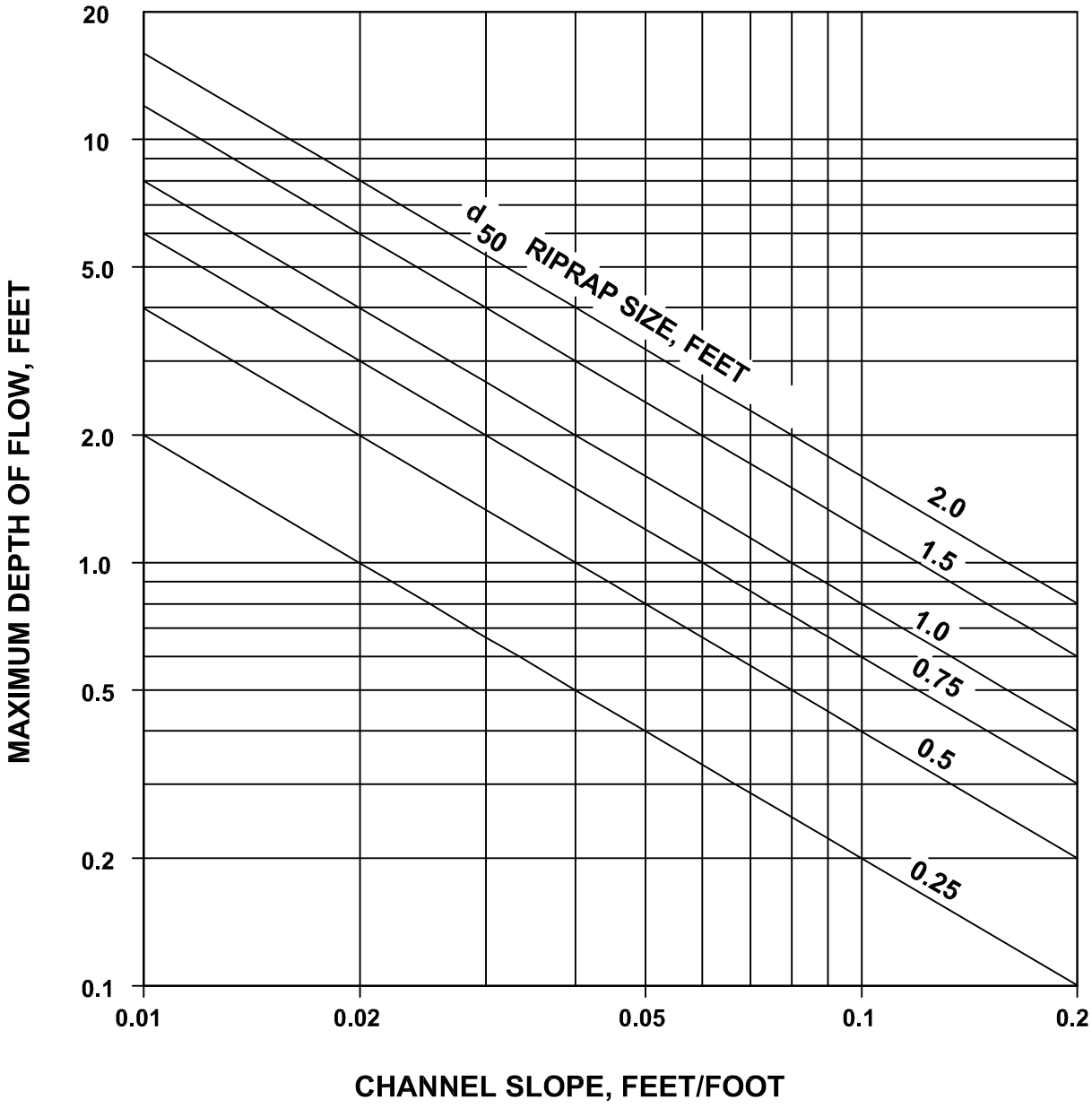
FIGURE RR-1
MAXIMUM DEPTH OF FLOW FOR RIPRAP LINED CHANNELS

EFFECTIVE DATE: AUGUST, 2005



MAXIMUM DEPTH OF FLOW FOR RIPRAP LINED CHANNELS

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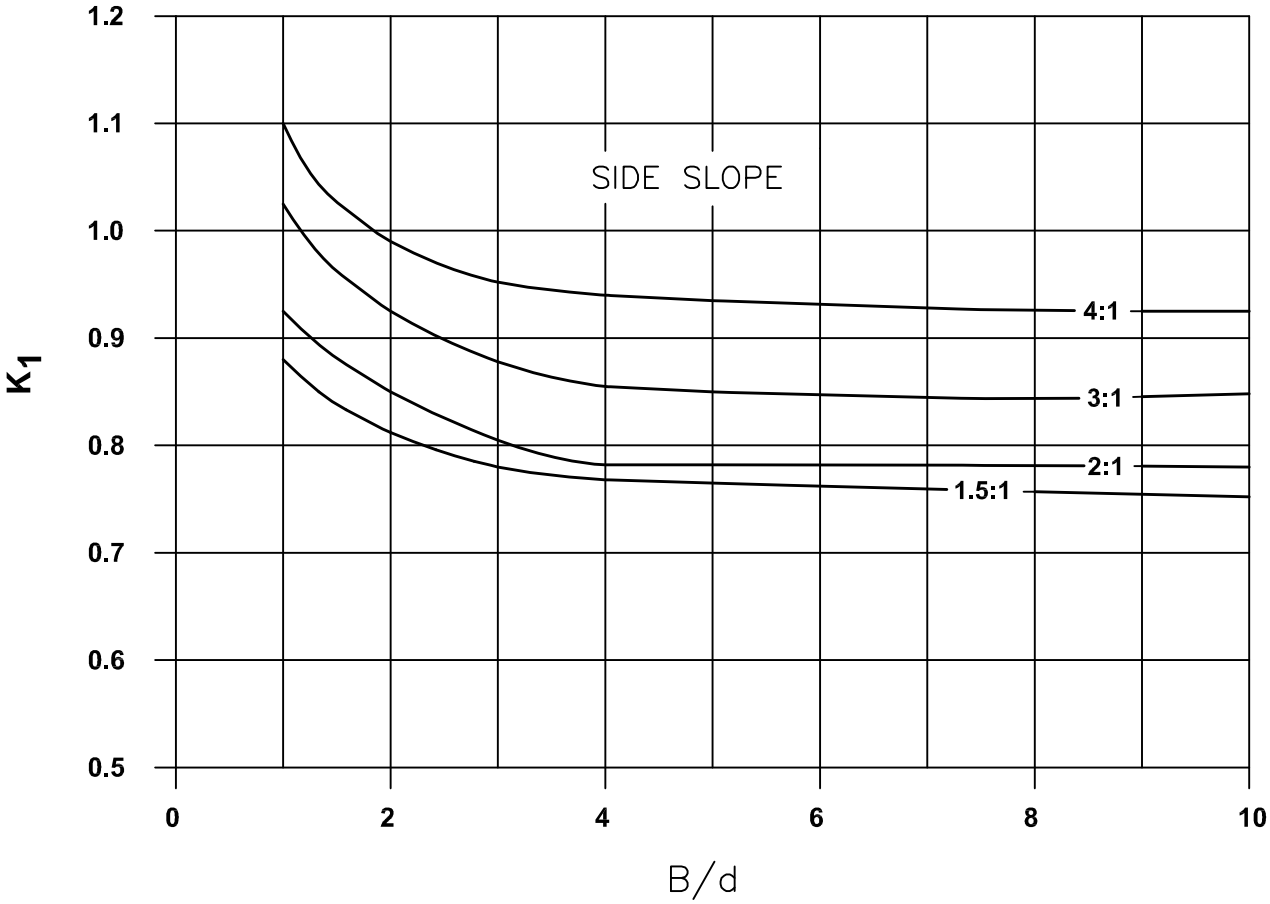
FIGURE RR-2
DISTRIBUTION OF BOUNDARY SHEAR AROUND WETTED PERIMETER OF TRAPEZOIDAL CHANNEL

EFFECTIVE DATE: AUGUST, 2005



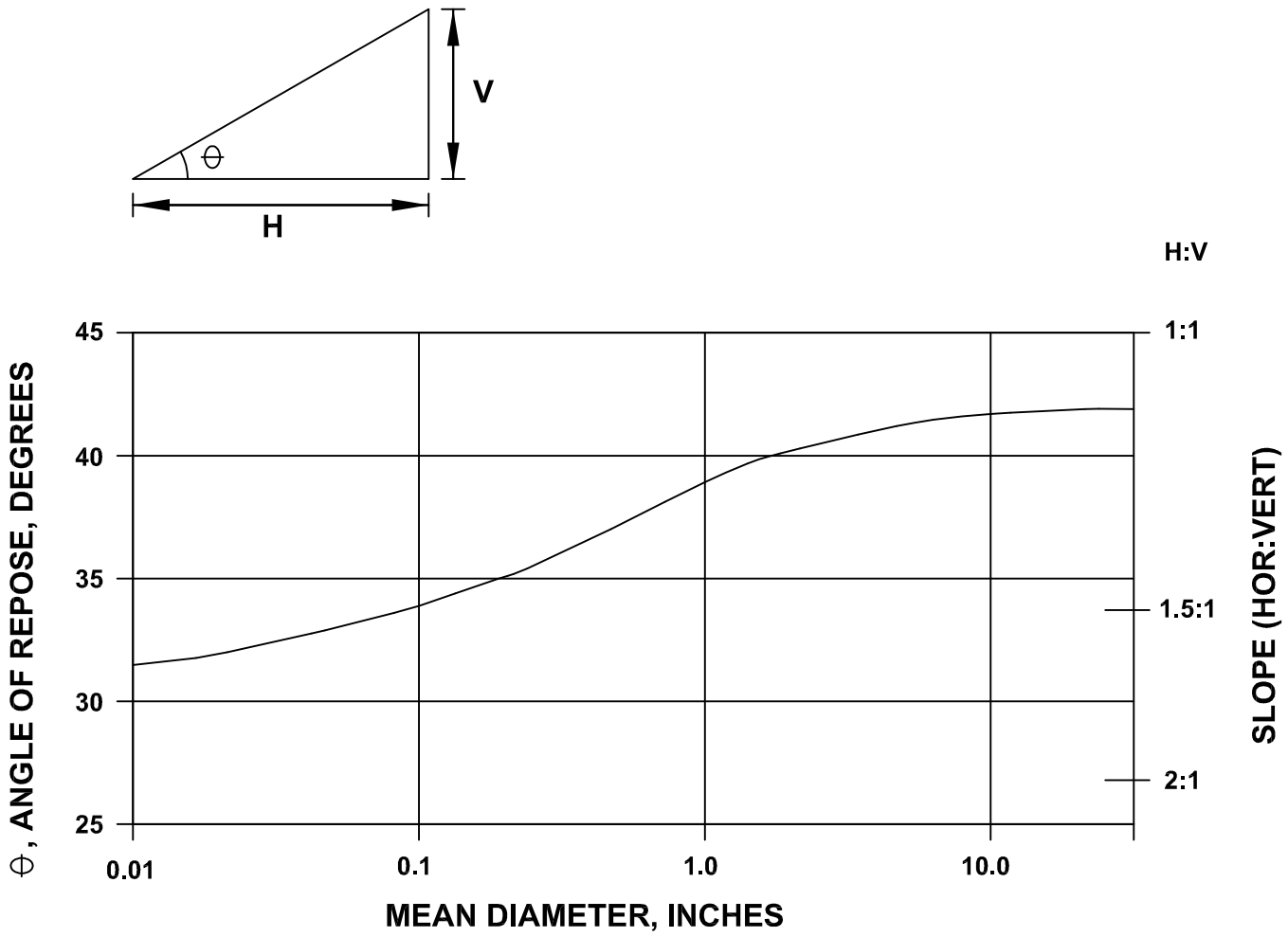
DISTRIBUTION OF BOUNDARY SHEAR AROUND WETTED PERIMETER OF TRAPAZOIDAL CHANNEL

South Carolina
Department of Health
and Environmental Control

FIGURE RR-3

ANGLE OF REPOSE FOR RIPRAP STONES

EFFECTIVE DATE: AUGUST, 2005



ANGLE OF REPOSE FOR RIPRAP STONES

South Carolina
Department of Health
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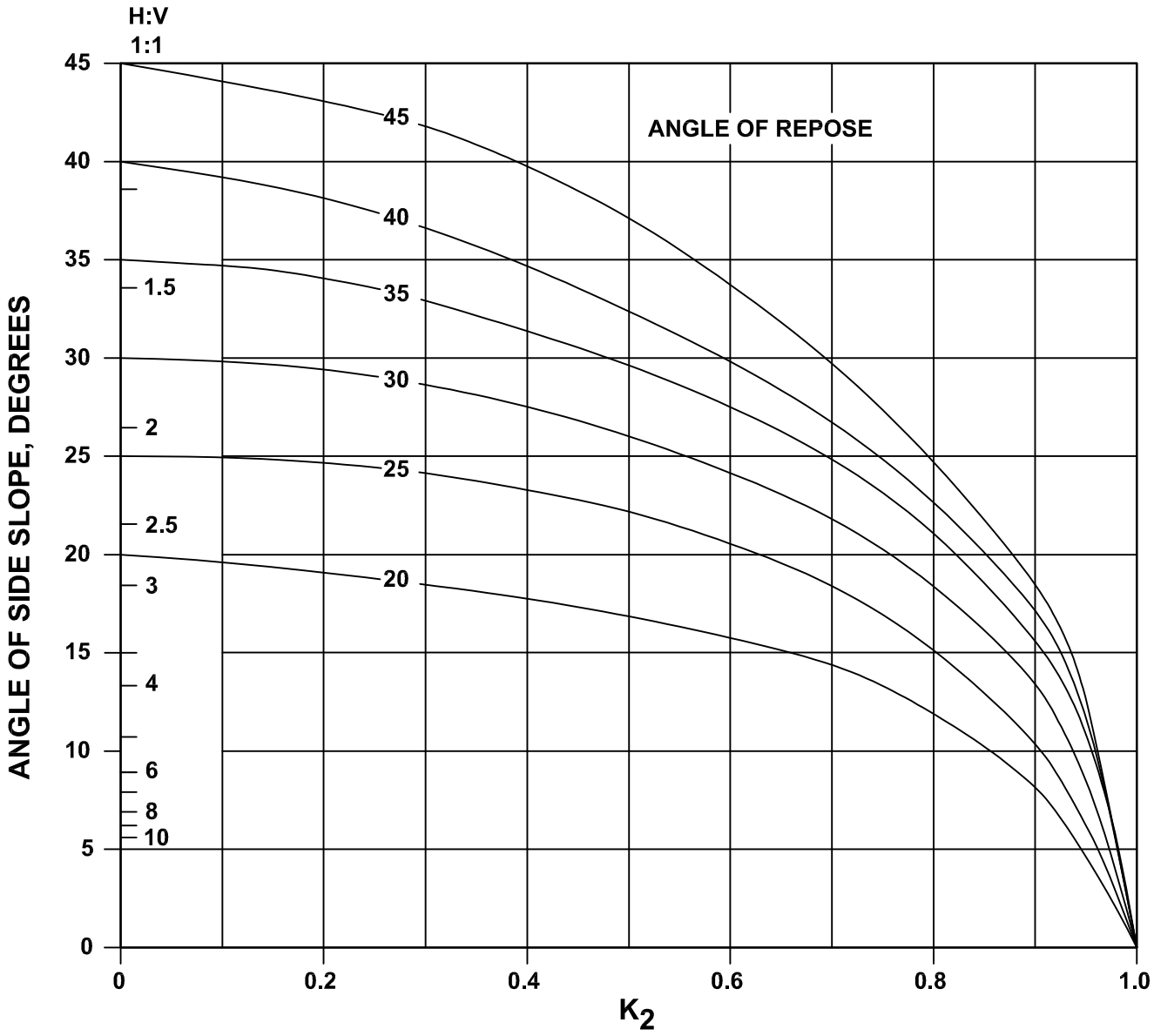
FIGURE RR-4
RATIO OF CRITICAL SHEAR STRESS ON SIDES TO CRITICAL SHEAR STRESS ON BOTTOM

EFFECTIVE DATE: AUGUST, 2005



RATIO OF CRITICAL SHEAR ON SIDES TO CRITICAL SHEAR ON BOTTOM

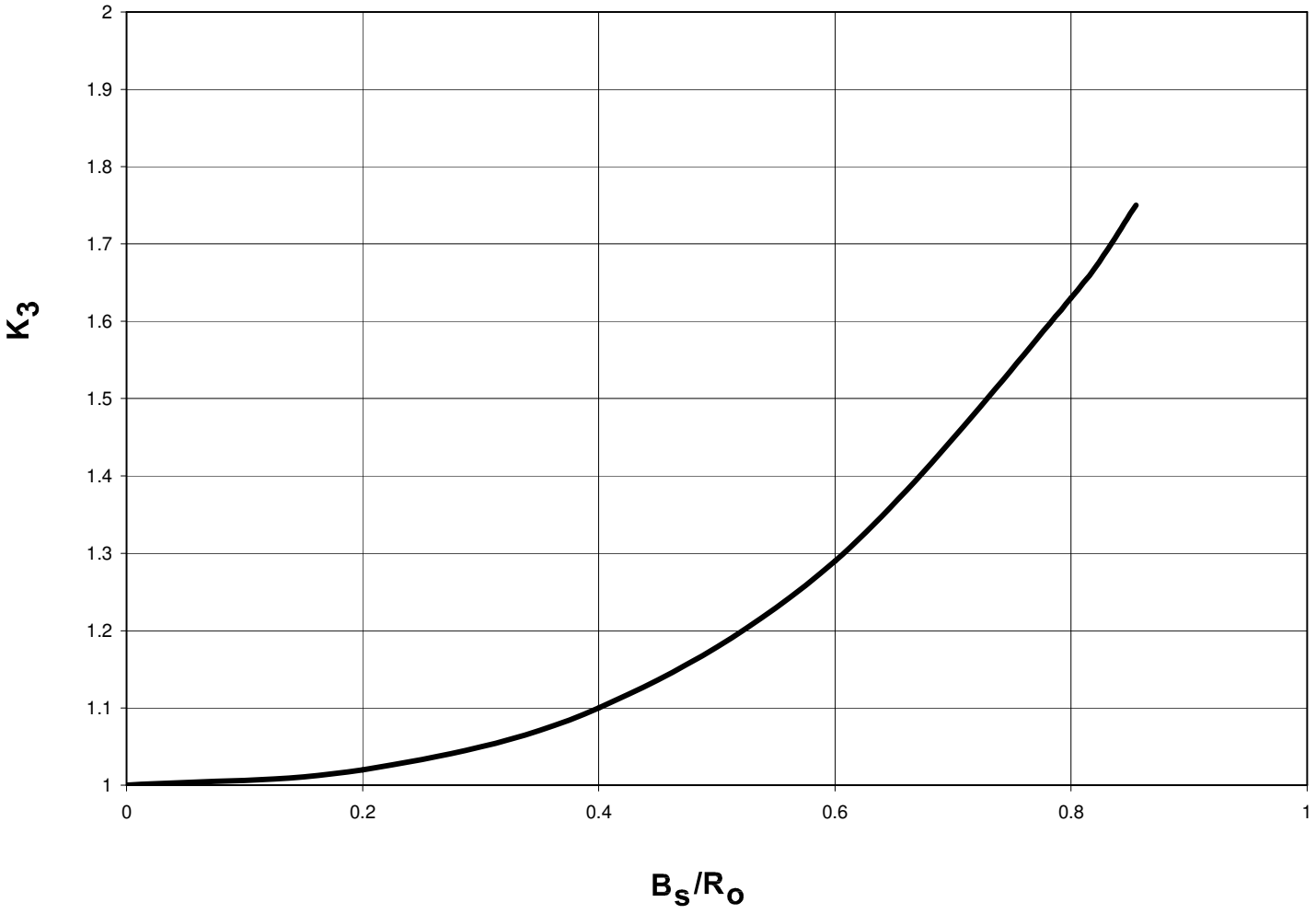
South Carolina Department of Health and Environmental Control

FIGURE RR-5
RATIO OF MAXIMUM BOUNDARY SHEAR IN BENDS TO MAXIMUM BOTTOM SHEAR IN STRAIGHT REACHES

EFFECTIVE DATE: AUGUST, 2005

B_S = SURFACE WIDTH

R_O = MEAN RADIUS OF BENDS



RATIO OF MAXIMUM BOUNDARY SHEAR IN BENDS TO MAXIMUM BOTTOM SHEAR IN STRAIGHT REACHES

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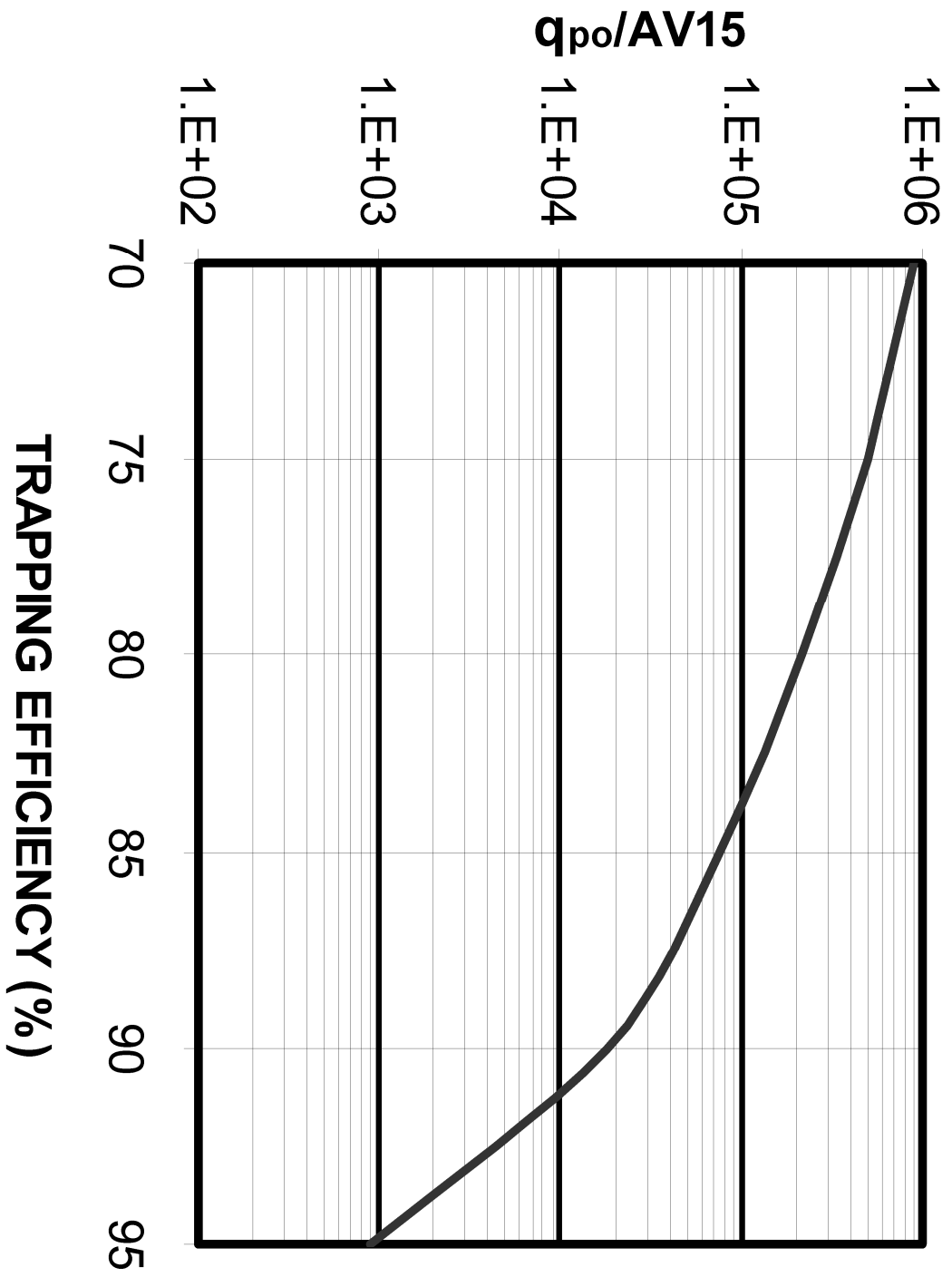
and Environmental Control

FIGURE SB-1
TRAPPING EFFIENCY FOR BASINS NOT IN LOW LYING AREAS

EFFECTIVE DATE: AUGUST, 2005



DESIGN AID FOR ESTIMATING TRAPPING EFFICIENCY FOR SEDIMENT BASINS NOT LOCATED IN LOW LYING AREAS AND/OR NOT HAVING A HIGH WATER TABLE

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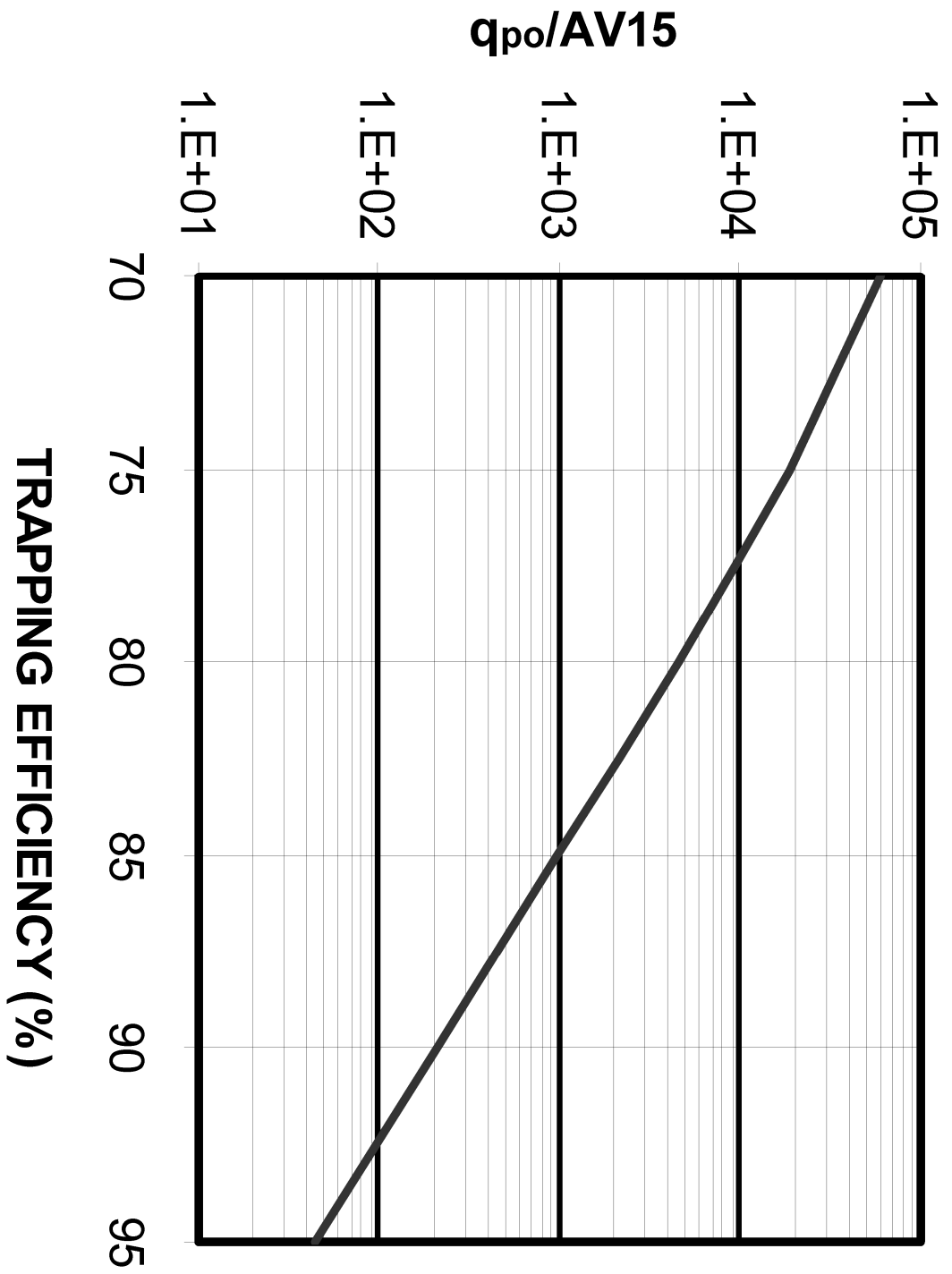
and Environmental Control

FIGURE SB-2
TRAPPING EFFIENCY FOR BASINS IN LOW LYING AREAS

EFFECTIVE DATE: AUGUST, 2005



DESIGN AID FOR ESTIMATING TRAPPING EFFICIENCY FOR SEDIMENT BASINS LOCATED IN LOW LYING AREAS AND/OR HAVING A HIGH WATER TABLE

South Carolina
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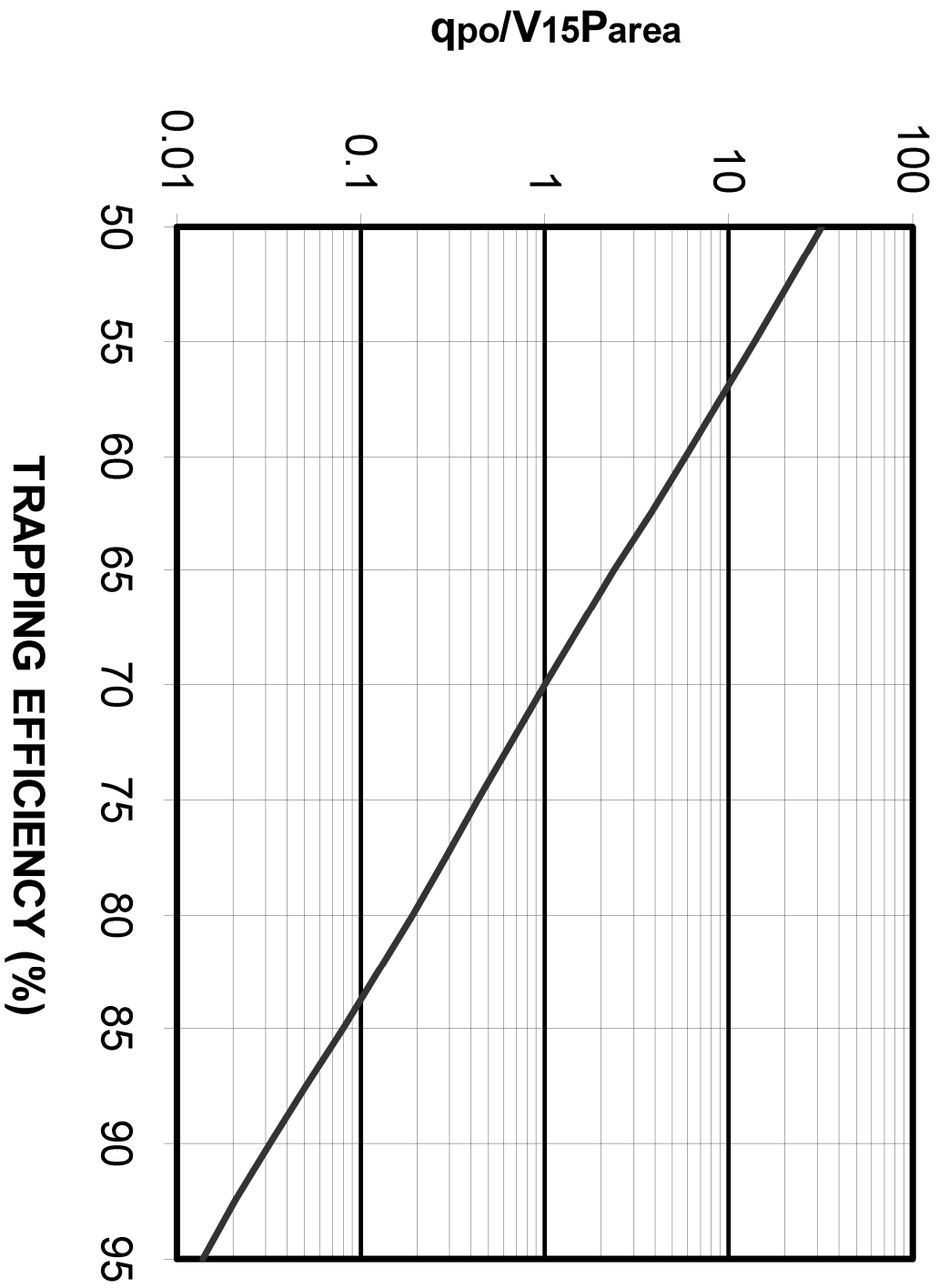
FIGURE SF-1

TRAPPING EFFICIENCY OF SILT FENCE

EFFECTIVE DATE: AUGUST, 2005



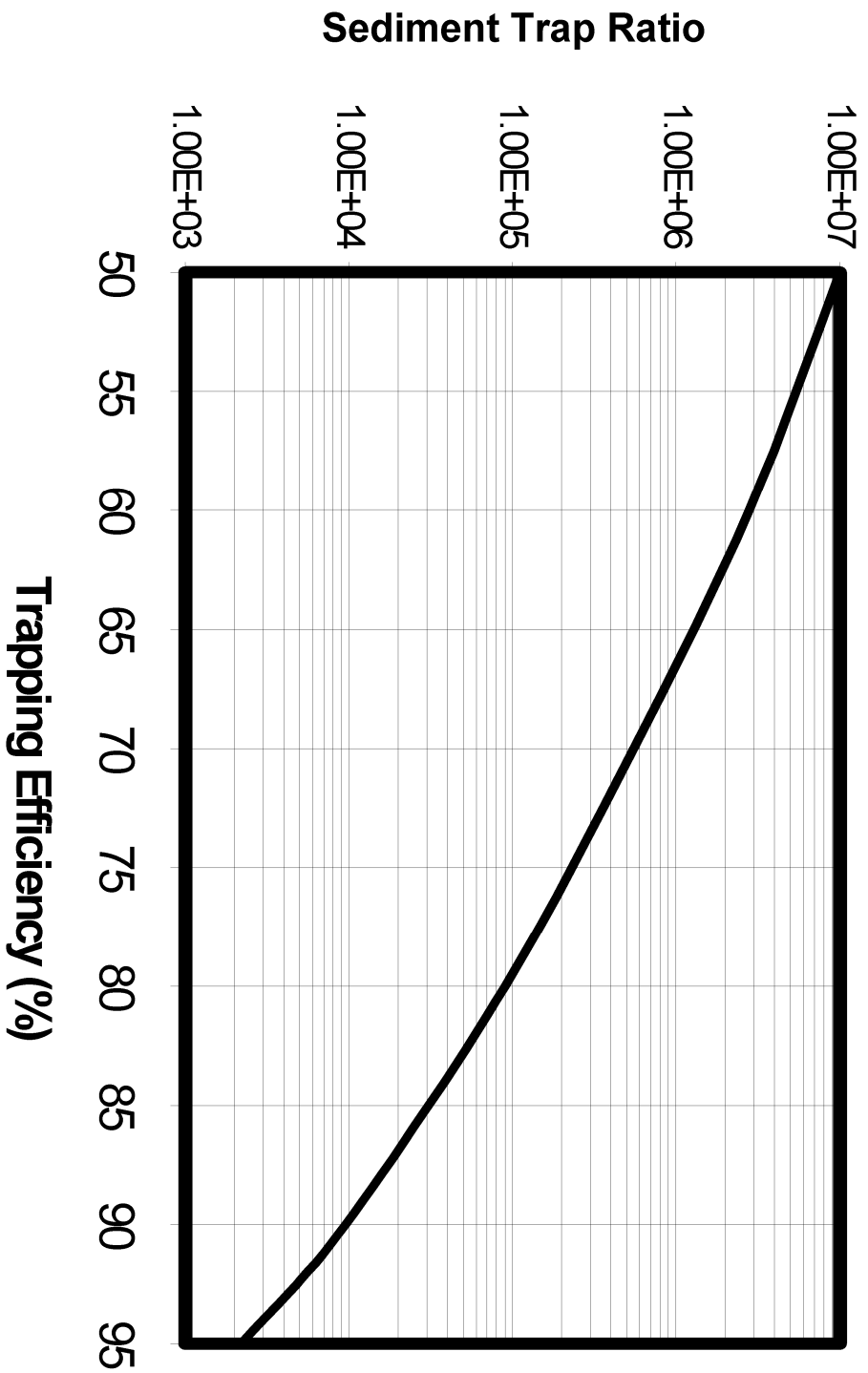
DESIGN AID FOR ESTIMATING TRAPPING EFFICIENCY OF SILT FENCE

South Carolina
Department of Health
and Environmental Control

FIGURE ST-1

TRAPPING EFFICIENCY OF SEDIMENT TRAPS

EFFECTIVE DATE: AUGUST, 2005



DESIGN AID FOR ESTIMATING TRAPPING EFFICIENCY OF SEDIMENT TRAP

FIGURE SV-1
CHARACTERISTIC SETTLING VELOCITY AS A FUNCTION OF ERODED PARTICLE DIAMETER