

TABLE A-4

ALLOWABLE VELOCITIES FOR UNLINED OPEN CHANNELS

<u>CHANNEL MATERIAL</u>	<u>MAX ALLOWABLE VELOCITY (fps)</u>
Fine sand	2.0
Sandy loam	2.5
Alluvial silt	3.0
Firm loam	3.5
Fine gravel	4.0
Stiff clay	4.5
Coarse gravel	5.0

(Adapted from Table XXI, ASCE Manual No. 37, 1970).

DLC/nna2

ENGINEERING DEPARTMENT		CITY OF MERCED, CALIF	
STORM DRAIN DESIGN REFERENCE DATA			SD-24
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