



City of New York Aqueduct Commission Reports on Researches Concerning the Design and Construction of High Masonry Dams in View of the Proposed Building of Quaker Bridge Dam Volume 1 (Paperback)

By New York Aqueduct Commission

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1889 Excerpt: .hereafter. The symbols employed are as follows: W--Weight of masonry above the layer under consideration. $W = W$ plus weight of layer under consideration, m = Length of upper joint, already determined. $/$ = lower to be $2h$ --Depth of layer. d --= Distance of point of application of W from back end of joint m . Reservoir empty. u --Distance of point of application of W from front end of joint $/$. Reservoir full. l u --Distance of point of application of W from back end of joint $/$. Reservoir empty. p -- Elementary pressure at front end of joint $/$. Reservoir full. p = Elementary pressure at back end of joint $/$. Reservoir empty. M -Moment of water pressure about the horizontal plane through joint $/$. a = Vertical distance of flow line below top of profile. S = Ratio of unit weight of masonry to unit weight of water. The...



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