Abstract

LINK TO PAPER

Cataloging Areas Protected by Detention Ponds in Harris County, Texas
Track: Water, Wastewater, and Stormwater
Author(s): John Grounds, III, Brandon Grimm, William Meyer

Harris County has mitigated the impacts of land development on potentially increased storm runoff through detention. The detention program was implemented in 1984 during a time of rapid development in Harris County. Records of these ponds exist as hard copy summaries, microfiche records, and engineering reports. The only common spatially related information is to a proprietary grid developed by a local street atlas publisher. Redundant and incorrect data was mapped to assist in editing the database. The resulting detention map is utilized in developing adjustments to hydrologic parameters to determine the impacts on watersheds.

John Grounds, III
Brown & Gay Engineers, Inc.
Public Works
11490 Westheimer
Suite 700
Houston , TX 77077
USA
Phone: (281) 558-8700
Fax: (281) 558-9701
E-mail: jgrounds@browngay.com

Brandon Grimm
Brown & Gay Engineers, Inc.
Public Works
11490 Westheimer
Suite 700
Houston 77077
USA
Phone: (281) 558-8700
Fax: (281) 558-9701
E-mail: bgrimm@browngay.com

William Meyer

Harris County Flood Control District
Planning
9900 Northwest Freeway
Houston 77092
USA
Phone: (713) 684-4000
Fax: (713) 684-4140
E-mail: wbm@hcfcd.co.harris.tx.us