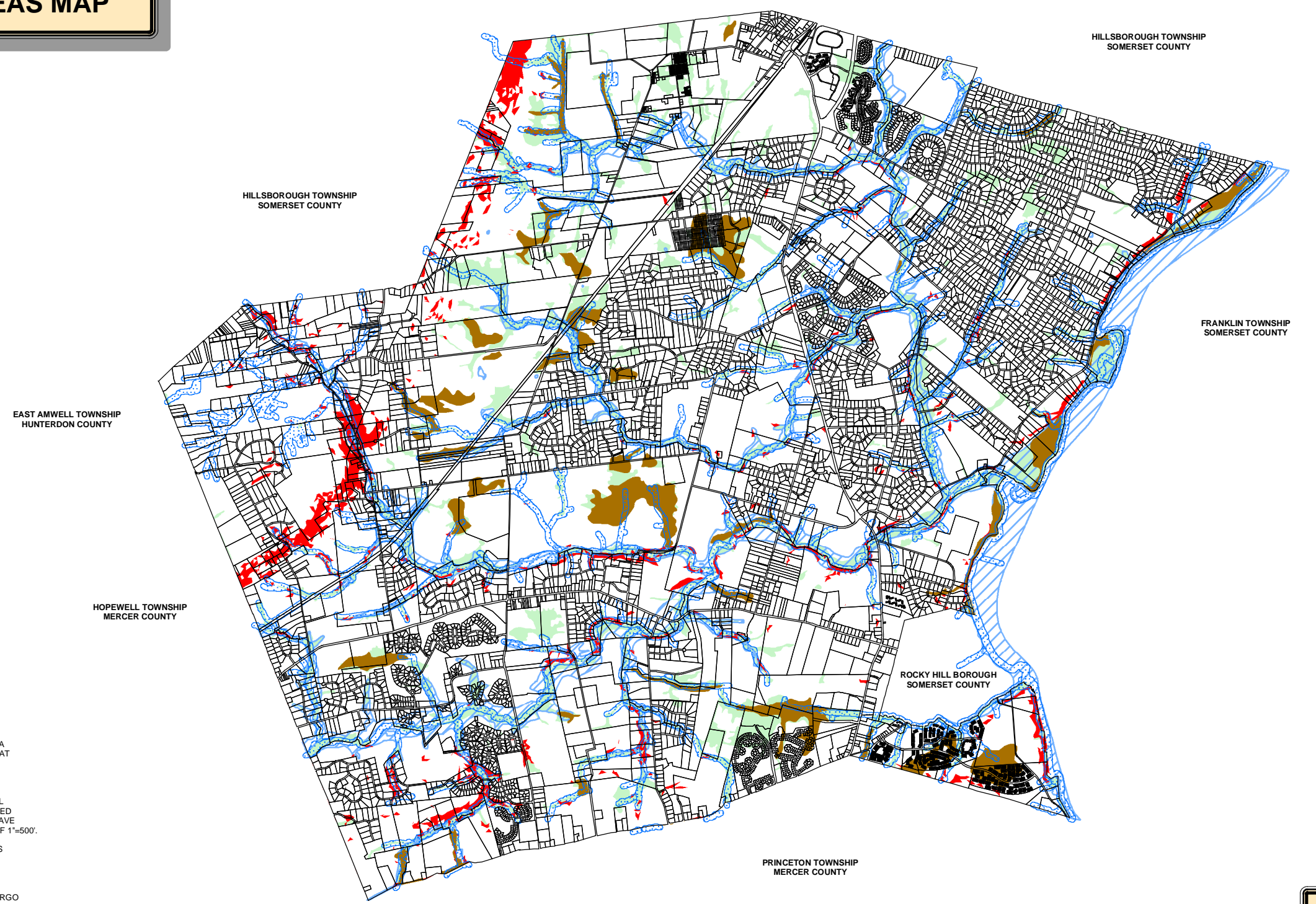


MONTGOMERY TOWNSHIP CRITICAL AREAS MAP

J



LEGEND

- SLOPES OF 15% AND GREATER
- FRESHWATER WETLANDS
- 100 YEAR FLOODPLAINS
- MONTGOMERY CRITICAL SOILS
- MONTGOMERY STREAM CORRIDORS

- 1) SLOPES 15% AND GREATER WERE OBTAINED FROM A TRIANGULAR IRREGULAR NETWORK (TIN) SURFACE THAT WAS INTERPOLATED FROM THE TOWNSHIP'S DIGITAL TERRAIN MODEL (DTM). THE DTM'S CONTAINS 2 FOOT CONTOURS WITH AN ACCUACY OF +/- 1 FOOT.
- 2) THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION'S WETLANDS DIGITAL DATABASE WAS USED TO REPRESENT THE WETLAND AREAS. THESE AREA HAVE NOT BEEN FIELD VERIFIED. IT HAS A SOURCE SCALE OF 1"=500'.
- 3) THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP DIGITAL DATABASE WAS USED TO REPRESENT THE 100 YEAR FLOODPLAINS. IT HAS A SOURCE SCALE OF 1"=800'.
- 4) CRITICAL SOILS WERE EXTRACTED FROM NRCS SSURGO DATABASE BASED ON CRITICAL SOILS TYPES DETAILED IN TOWNSHIP LAND DEVELOPMENT ORDINANCE.
- 5) STREAMS CORRIDORS ARE BASED ON 100 FT BUFFER FROM MONTGOMERY TOWNSHIP GIS STREAM CENTERLINE OR STREAM TOP OF BANKS DATASETS. STREAM INFORMATION ISBASED ON 1"=100' AERIAL PHOTOGRAPHY COMPLETED BY PROMAPS, INC IN APRIL 1996.

PREPARED BY: MONTGOMERY TOWNSHIP GIS DEPARTMENT
 DRAWN BY: P.A.M.
 DATE: NOVEMBER 7, 2005