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1 No Special Flood Hazard Areas Identified

PRELIMINARY
APRIL 18, 2016
NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this FIS may be revised and republished at any time. In addition, part of this FIS may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

Initial Countywide FIS Effective Date: September 20, 2006

Revised Countywide FIS Date: [TBD] – to change Base Flood Elevations, Special Flood Hazard Areas and zone designations; to update the effects of wave actions, roads and road names; and to reflect revised shoreline and updated topographic information.

to change the vertical datum for elevation information from the National Geodetic Vertical Datum of 1929 to the North American Vertical Datum of 1988.

ATTENTION: On FIRM panels 34039C0024G and 34039C035G the Elizabeth River levee and on FIRM panels 34039C0043G and 34039C0044G the Rahway River levee have not been demonstrated by the community or levee owner(s) to meet the requirements of Section 65.10 of the NFIP regulations in 44 CFR as it relates to the levee’s capacity to provide 1-percent annual chance flood protection. The subject areas are identified on FIRM panels (with notes and bounding lines) and in the FIS report as potential areas of flood hazard data changes based on further review.

FEMA has updated the levee analysis and mapping procedures for non-accredited levees. Until such time as FEMA is able to initiate a new flood risk project to apply the new procedures, the flood hazard information on the aforementioned FIRM panel(s) that are affected by the Elizabeth River and Rahway River levees are being added as a snapshot of the prior previously effective information presented on the FIRMs and FIS reports dated September 20, 2006. As indicated above, it is expected that affected flood hazard data within the subject area could be significantly revised. This may result in floodplain boundary changes, 1-percent annual chance flood elevation changes, and/or changes to flood hazard zone designations.
The effective FIRM panels (and the FIS report) will again be revised at a later date to update the flood hazard information associated with the Elizabeth River and Rahway River levees when FEMA is able to initiate and complete a new flood risk project to apply the new levee analysis and mapping procedures.
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1% ANNUAL CHANCE BACKWATER FROM RAHWAY RIVER

LIMIT OF DETAILED STUDY

LIBERTY AVENUE

FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ
(ALL JURISDICTIONS)

FLOOD PROFILES
BRANCH 10-34

LEGEND

--- 0.2% ANNUAL CHANCE FLOOD
--- 1% ANNUAL CHANCE FLOOD
--- 2% ANNUAL CHANCE FLOOD
--- 10% ANNUAL CHANCE FLOOD

STREAM BED
CROSS SECTION LOCATION

0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION
THE 2-PERCENT ANNUAL CHANCE FLOOD PROFILE IS TOO CLOSE TO THE 1-PERCENT ELEVATION TO BE SHOWN SEPARATELY.
FLOOD PROFILES

BRYANT BROOK BRANCH

LEGEND
- - - - 0.2% ANNUAL CHANCE FLOOD
- - - - 1% ANNUAL CHANCE FLOOD
- - - - 2% ANNUAL CHANCE FLOOD
- - - - 10% ANNUAL CHANCE FLOOD
- - - - STREAM BED
- - - - CROSS SECTION LOCATION

UNION COUNTY, NJ
FEDERAL EMERGENCY MANAGEMENT AGENCY
(ALL JURISDICTIONS)

0.2% ANNUAL CHANCE BACKWATER FROM VAN WINKLES BROOK
FLOOD PROFILES
BRYANT BROOK BRANCH

LEGEND

0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION

ELEVATION IN FEET (NAVD 88)
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH BRYANT BROOK
FLOOD PROFILES

COLLEGE BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ

(ALL JURISDICTIONS)

LEGEND
- -  - 0.2% ANNUAL CHANCE FLOOD
- -  - 1% ANNUAL CHANCE FLOOD
- -  - 2% ANNUAL CHANCE FLOOD
- -  - 10% ANNUAL CHANCE FLOOD

STREAM BED
CROSS SECTION LOCATION

PARK DRIVE
SPRINGFIELD AVENUE
LIMIT OF DETAILED STUDY

CONFLUENCE WITH RAHWAY RIVER

FLOODING CONTROLLED BY RAHWAY RIVER

0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD

LEGEND

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH RAHWAY RIVER

ELEVATION IN FEET (NAVD 88)
FLOODING CONTROLLED BY RAHWAY RIVER

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD

STREAM BED
CROSS SECTION LOCATION

FLOODING CONTROLLED BY RAHWAY RIVER

CONFLUENCE WITH RAHWAY RIVER

CONFLUENCE OF STREAM 10-30

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH RAHWAY RIVER

ELEVATION IN FEET (NAVD 88)
FLOODING CONTROLLED BY ATLANTIC OCEAN/ARTHUR KILL

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 0.2 PERCENT ANNUAL CHANCE FLOOD.
* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 0.2 PERCENT-ANNUAL CHANCE FLOOD.
* New Jersey Flood Hazard Area Design Flood (NJFHADF) is equal to the 0.2 percent annual chance flood.
* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 0.2 PERCENT ANNUAL CHANCE FLOOD.
FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ
(ALL JURISDICTIONS)

FLOOD PROFILES
GALLOWS HILL ROAD BRANCH
ELEVATION IN FEET (NAVD 88)

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH RARITAN RIVER

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION
IRVINGTON BRANCH

FLOOD PROFILES

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

ELEVATION IN FEET (NAVD 88)
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH LIGHTNING BROOK
FLOOD PROFILES
KINGS CREEK

ELEVATION IN FEET (NAVD 88)
STREAM DISTANCE IN THOUSANDS OF FEET ABOVE CONFLUENCE WITH RAHWAY RIVER

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

CONFLUENCE WITH US ROUTES 1 AND 9
PATTERSON STREET
PATTERSON ROAD WEST

DOWNSTREAM FLOODING CONTROLLED BY RAHWAY RIVER
SHALLOW FLOODING

LIMIT OF STUDY
RAHWAY RIVER
FLOOD PROFILES
LEHIGH VALLEY BRANCH
UNION COUNTY, NJ
(ALL JURISDICTIONS)

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

0.2% ANNUAL CHANCE BACKWATER FROM ELIZABETH RIVER
0% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION

ELEVATION IN FEET (NAVD 88)
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ELIZABETH RIVER
FLOOD PROFILES
NOMAHEGAN BROOK

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
  STREAM BED
  CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ
(ALL JURISDICTIONS)

1% ANNUAL CHANCE BACKWATER FROM RAHWAY RIVER
FLOOD PROFILES
ORCHARD CREEK

LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION
AMTRAK RAILROAD

NEW BRUNSWICK AVE
CONFLUENCE WITH SOUTH BRANCH
SOUTH BRANCH RAHWAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ
(ALL JURISDICTIONS)
FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ
(ALL JURISDICTIONS)

FLOOD PROFILES

81P

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

ORCHARD CREEK

SAINT GEORGES AVENUE
JACQUES AVENUE
PLAINFIELD AVENUE

ORCHARD STREET

ELEVATION IN FEET (NAVD 88)
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SOUTH BRANCH RAHWAY RIVER
FLOOD PROFILES
PASSAIC RIVER

ELEVATION IN FEET (NAVD 88)

STREAM DISTANCE IN FEET UPSTREAM OF NEWARK BAY

0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ
ALL JURISDICTIONS

CONFLUENCE OF SALT BROOK
86P
FLOOD PROFILES
PEACH ORCHARD BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ (ALL JURISDICTIONS)

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

CAROLYN TERRACE
EARTH BERM
PARK DRIVE
LIMIT OF DETAILED STUDY
FEDERAL EMERGENCY MANAGEMENT AGENCY
UNION COUNTY, NJ
(ALL JURISDICTIONS)

FLOOD PROFILES
PUMPKIN PATCH BROOK