NOTES TO USERS

e in administering the National Flood Insurance Program. It r identify all areas subject to flooding, particularly from local of small size. The **community map repository** should be ble updated or additional flood hazard information.

tailed information in areas where **Base Flood Elevations** **ways** have been determined, users are encouraged to consult Floodway Data and/or Summary of Stillwater Elevations tables he Flood Insurance Study (FIS) report that accompanies this uld be aware that BFEs shown on the FIRM represent t elevations. These BFEs are intended for flood insurance ly and should not be used as the sole source of flood n. Accordingly, flood elevation data presented in the FIS tilized in conjunction with the FIRM for purposes of r floodplain management.

od Elevations shown on this map apply only landward odetic Vertical Datum of 1929 (NGVD 29). Users of this ware that coastal flood elevations are also provided in the ter Elevations tables in the Flood Insurance Study report Elevations shown in the Summary of Stillwater Elevations sed for construction and/or floodplain management purposes er than the elevations shown on this FIRM.

loodways were computed at cross sections and interpolated ions. The floodways were based on hydraulic considerations irements of the National Flood Insurance Program. Floodway ertinent floodway data are provided in the Flood Insurance s jurisdiction.

n Special Flood Hazard Areas may be protected by **flood s.** Refer to Section 2.4 "Flood Protection Measures" of e Study report for information on flood control structures

sed in the preparation of this map was Universal Transverse one 18. The **horizontal datum** was NAD 83, GRS80 es in datum, spheroid, projection or UTM zones used in RMs for adjacent jurisdictions may result in slight positional features across jurisdiction boundaries. These differences ccuracy of this FIRM.

this map are referenced to the National Geodetic Vertical hese flood elevations must be compared to structure and eferenced to the same **vertical datum**. For information n between the National Geodetic Vertical Datum of 1929 erican Vertical Datum of 1988, visit the National Geodetic www.ngs.noaa.gov or contact the National Geodetic Survey dress:

ystem Division
Survey, NOAA
Center
nway
and 20910

vation, description, and/or location information for **bench marks** o, please contact the Information Services Branch of the Survey at **(301) 713-3242**, or visit their website at

on shown on this FIRM was derived from U.S. Geological hoto Quadrangles (DOQs) produced at a scale of 1:12,000 from 995 or later.

re detailed and up-to-date **stream channel configurations** on the previous FIRM for this jurisdiction. The floodplains were transferred from the previous FIRM may have been n to these new stream channel configurations. As a rofiles and Floodway Data tables in the Flood Insurance ch contains authoritative hydraulic data) may reflect stream at differ from what is shown on this map.

shown on this map are based on the best data available ation. Because changes due to annexations or de-annexations after this map was published, map users should contact nity officials to verify current corporate limit locations.

separately printed **Map Index** for an overview map of the layout of map panels; community map repository addresses; nmunities table containing National Flood Insurance Program mmunity as well as a listing of the panels on which each ed.

Map Service Center at 1-800-358-9616 for information on ssociated with this FIRM. Available products may include Letters of Map Change, a Flood Insurance Study report, s of this map. The FEMA Map Service Center may also be 1-800-358-9620 and their website at www.fema.gov/msc.

ons about this map or questions concerning the National ram in general, please call **1-877-FEMA MAP** (1-877-336-2627) ebsite at www.fema.gov.

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the National Geodetic Vertical Datum of 1929

- A — A — Cross section line
- 23 — 23 — Transect line
- 97° 07' 30", 32° 22' 30" — Geographic coordinates referenced to the North American Datum of 1927 (NAD 27) Western Hemisphere
- 4276000 M — 1000-meter Universal Transverse Mercator grid values, zone 18
- 600000 FT — 5000-foot grid ticks: New Jersey State Plane coordinate system, (FIPSZONE 2900), Transverse Mercator projection
- DX5510 X — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- 10 — Location of node for stillwater elevation calculation

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
SEPTEMBER 20, 1995

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
September 30, 2005 – to change Base Flood Elevations and Special Flood Hazard Areas; and to reflect updated topographic information.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'
250 0 500 1000 FEET
150 0 150 300 METERS

NFIP NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0184G

FIRM
FLOOD INSURANCE RATE MAP

BERGEN COUNTY, NEW JERSEY (ALL JURISDICTIONS)

PANEL 184 OF 332

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BERGENFIELD, BOR OF	340020	0184	G
DUMONT, BOR OF	340026	0184	G
EMERSON, BOR OF	340030	0184	G
HAWORTH, BOR OF	340042	0184	G
NEW MILFORD, BOR OF	340054	0184	G
ORADELL, BOR OF	340060	0184	G
RIVER EDGE, BOR OF	340068	0184	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER 34003C0184G

MAP REVISED SEPTEMBER 30, 2005

Federal Emergency Management Agency