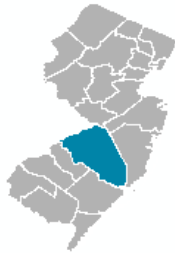


FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 4 OF 6



BURLINGTON COUNTY, NEW JERSEY (ALL JURISDICTIONS)

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
BASS RIVER, TOWNSHIP OF	340085	MEDFORD, TOWNSHIP OF	340104
BEVERLY, CITY OF	340086	MOORESTOWN, TOWNSHIP OF	340105
BORDENTOWN, CITY OF	340087	MOUNT HOLLY, TOWNSHIP OF	340106
BORDENTOWN, TOWNSHIP OF	340088	MOUNT LAUREL, TOWNSHIP OF	340107
BURLINGTON, CITY OF	345287	NEW HANOVER, TOWNSHIP OF	340108
BURLINGTON, TOWNSHIP OF	340090	NORTH HANOVER, TOWNSHIP OF	340109
CHESTERFIELD, TOWNSHIP OF	340091	PALMYRA, BOROUGH OF	340110
CINNAMINSON, TOWNSHIP OF	340092	PEMBERTON, BOROUGH OF	340111
DELANCO, TOWNSHIP OF	340093	PEMBERTON, TOWNSHIP OF	340112
DELRAN, TOWNSHIP OF	340094	RIVERSIDE, TOWNSHIP OF	340113
EASTAMPTON, TOWNSHIP OF	340095	RIVERTON, BOROUGH OF	340114
EDGEWATER PARK, TOWNSHIP OF	340096	SHAMONG, TOWNSHIP OF	340534
EVESHAM, TOWNSHIP OF	340097	SOUTHAMPTON, TOWNSHIP OF	340115
FIELDSBORO, BOROUGH OF	340543	SPRINGFIELD, TOWNSHIP OF	340116
FLORENCE, TOWNSHIP OF	340098	TABERNACLE, TOWNSHIP OF	340533
HAINESPORT, TOWNSHIP OF	340099	WASHINGTON, TOWNSHIP OF	340117
LUMBERTON, TOWNSHIP OF	340100	WESTAMPTON, TOWNSHIP OF	340118
MANSFIELD, TOWNSHIP OF	340102	WILLINGBORO, TOWNSHIP OF	340119
MAPLE SHADE, TOWNSHIP OF	340101	WOODLAND, TOWNSHIP OF	340551
MEDFORD LAKES, BOROUGH OF	340103	WRIGHTSTOWN, BOROUGH OF	340120

REVISED:

TBD

**PRELIMINARY
12/22/2017**



FEMA

FLOOD INSURANCE STUDY NUMBER
34005CV004B

Version Number 2.3.3.2

NOTICE:

This preliminary FIS report includes only revised Flood Profiles and Floodway Data tables. See Section 1.2 Purpose of this Flood Insurance Study Report located in Volume 1.

TABLE OF CONTENTS

Volume 1

	<u>Page</u>
SECTION 1.0 – INTRODUCTION	1
1.1 The National Flood Insurance Program	1
1.2 Purpose of this Flood Insurance Study Report	2
1.3 Jurisdictions Included in the Flood Insurance Study Project	2
1.4 Considerations for using this Flood Insurance Study Report	12
SECTION 2.0 – FLOODPLAIN MANAGEMENT APPLICATIONS	23
2.1 Floodplain Boundaries	23
2.2 Floodways	61
2.3 Base Flood Elevations	62
2.4 Non-Encroachment Zones	63
2.5 Coastal Flood Hazard Areas	63
2.5.1 Water Elevations and the Effects of Waves	63
2.5.2 Floodplain Boundaries and BFEs for Coastal Areas	65
2.5.3 Coastal High Hazard Areas	66
2.5.4 Limit of Moderate Wave Action	67
SECTION 3.0 – INSURANCE APPLICATIONS	68
3.1 National Flood Insurance Program Insurance Zones	68
3.2 Coastal Barrier Resources System	69
SECTION 4.0 – AREA STUDIED	70
4.1 Basin Description	70
4.2 Principal Flood Problems	70
4.3 Non-Levee Flood Protection Measures	77
4.4 Levees	78
SECTION 5.0 – ENGINEERING METHODS	80
5.1 Hydrologic Analyses	81

Figures

	<u>Page</u>
Figure 1: FIRM Panel Index	14
Figure 2: FIRM Notes to Users	16
Figure 3: Map Legend for FIRM	19
Figure 4: Floodway Schematic	62
Figure 5: Wave Runup Transect Schematic	65
Figure 6: Coastal Transect Schematic	67

TABLE OF CONTENTS - continued

Volume 1 - continued

Tables

	Page
Table 1: Listing of NFIP Jurisdictions	3
Table 2: Flooding Sources Included in this FIS Report	26
Table 3: Flood Zone Designations by Community	68
Table 4: Coastal Barrier Resources System Information	70
Table 5: Basin Characteristics	70
Table 6: Principal Flood Problems	71
Table 7: Historic Flooding Elevations	73
Table 8: Non-Levee Flood Protection Measures	77
Table 9: Levees	79
Table 10: Summary of Discharges	82

Volume 2

5.2	Hydraulic Analyses	109
5.3	Coastal Analyses	157
	5.3.1 Total Stillwater Elevations	158
	5.3.2 Waves	159
	5.3.3 Coastal Erosion	159
	5.3.4 Wave Hazard Analyses	159
5.4	Alluvial Fan Analyses	163
 SECTION 6.0 – MAPPING METHODS		 163
6.1	Vertical and Horizontal Control	163
6.2	Base Map	164
6.3	Floodplain and Floodway Delineation	165

Figures

	Page
Figure 7: Frequency Discharge-Drainage Area Curves	106
Figure 8: 1% Annual Chance Total Stillwater Elevations for Coastal Areas	158
Figure 9: Transect Location Map	162

Tables

	Page
Table 10: Summary of Discharges - Continued	94
Table 11: Summary of Non-Coastal Stillwater Elevations	106
Table 12: Stream Gage Information used to Determine Discharges	109
Table 13: Summary of Hydrologic and Hydraulic Analyses	110
Table 14: Roughness Coefficients	155
Table 15: Summary of Coastal Analyses	157
Table 16: Tide Gage Analysis Specifics	159

TABLE OF CONTENTS - continued
Volume 3 - continued

Tables - continued

	<u>Page</u>
Table 17: Coastal Transect Parameters	161
Table 18: Summary of Alluvial Fan Analyses	163
Table 19: Results of Alluvial Fan Analyses	163
Table 20: Countywide Vertical Datum Conversion	164
Table 21: Stream Based Vertical Datum Conversion	164
Table 22: Base Map Sources	165
Table 23: Summary of Topographic Elevation Data used in Mapping	166
Table 24: Floodway Data	168

Volume 3

6.4 Coastal Flood Hazard Mapping	251
6.5 FIRM Revisions	252
6.5.1 Letters of Map Amendment	252
6.5.2 Letters of Map Revision Based on Fill	253
6.5.3 Letters of Map Revision	253
6.5.4 Physical Map Revisions	254
6.5.5 Contracted Restudies	254
6.5.6 Community Map History	254
 SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION	 258
7.1 Contracted Studies	258

Tables

	<u>Page</u>
Table 24: Floodway Data - Continued	187
Table 25: Flood Hazard and Non-Encroachment Data for Selected Streams	251
Table 26: Summary of Coastal Transect Mapping Considerations	252
Table 27: Incorporated Letters of Map Change	254
Table 28: Community Map History	255
Table 29: Summary of Contracted Studies Included in this FIS Report	258

TABLE OF CONTENTS - continued

Volume 4

7.2	Community Meetings	290
-----	--------------------	-----

SECTION 8.0 – ADDITIONAL INFORMATION	295
---	------------

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES	300
--	------------

Tables

	<u>Page</u>
Table 29: Summary of Contracted Studies Included in this FIS Report -Continued	280
Table 30: Community Meetings	291
Table 31: Map Repositories	295
Table 32: Additional Information	298
Table 33: Bibliography and References	300

Exhibits

Flood Profiles	<u>Panel</u>
Assiscunk Creek	001-002 P
Assiscunk Creek Tributary	003 P
Baffin Brook	004 P
Ballinger Run	005-006 P
Ballinger Run Tributary	007 P
Barkers Brook	008-013 P
Barkers Brook Unnamed Tributary	014-015 P
Barton Run	016-018 P
Barton Run Tributary 1	019 P
Barton Run Tributary 2	020 P
Barton Run Tributary 3	021-022 P
Beaverdam Creek	023-024 P
Bisphams Mill Creek	025-026 P
Black Run	027-029 P
Black Run Tributary	030-031 P
Blacks Creek	032-033 P
Blue Lake Run	034 P
Bobbys Run	035-036 P
Bread and Cheese Run	037-038 P
Budds Run	039 P
Burrs Mill Brook	040-041 P
Bustleton Creek	042 P
Buttonwood Run	043 P
Country Lake Tributary	044 P
Crafts Creek	045 P
Cranberry Branch	046-047 P
Cropwell Branch	048-049 P
Crosswicks Creek	050-062 P
Delaware River	063-066 P

TABLE OF CONTENTS - continued
Volume 5

Exhibits

Flood Profiles	<u>Panel</u>
Delaware River - Continued	067-070 P
Evesboro Tributary	071-072 P
Friendship Creek	073-077 P
Hartford Road Tributary	078-079 P
Haynes Creek	080-087 P
Hooten Road Tributary	088 P
Indian Mills Brook	089-094 P
Jacks Run	095 P
Jade Run	096-099 P
Kendles Run	100 P
Lake Mishe Mokwa Run	101 P
Laurel Run	102 P
Little Creek	103-107 P
Masons Creek	108-111 P
Mill Creek	112-114 P
Mill Creek South Branch	115P
Mill Creek Tributary	116 P
Mill Creek Tributary 1	117 P
Mill Race	118 P
Mimosa Lake Run	119 P
Mount Holly Bypass Channel	120 P
Mount Misery Creek	121-122 P
Mullica River	123-124 P
Muskingum Brook	125-127P
Ong Run	128 P
Parkers Creek	129-131 P
Pennsauken Creek	132-133 P
Pennsauken Creek North Branch	134-136 P
Pennsauken Creek South Branch	137-139 P
Pheasant Run	140 P
Pole Bridge Branch	141-143 P
Pole Bridge Branch Tributary	144 P
Pompeston Creek	145-149 P
Pompeston Creek East and Southeast Branches	150 P
Pompeston Creek Northeast Branch	151 P
Ramblewood Tributary	152-153 P
Rancocas Creek	154-157 P
Rancocas Creek North Branch	158-160 P

TABLE OF CONTENTS - continued
Volume 6

Exhibits

Flood Profiles	<u>Panel</u>
Rancocas Creek North Branch - Continued	161-167 P
Rancocas Creek South Branch	168-174 P
Rancocas Creek South Branch Tributary	175-177 P
Rancocas Creek Southwest Branch	178-187 P
Sharps Run	188-190 P
Sharps Run Tributary 1	191(a) P
Sharps Run Tributary 2	191(b) P
Shinns Branch	192 P
Skeet Run	193 P
Springer Brook	194-195 P
Strawbridge Lake	196-197 P
Swede Run	198-202 P
Swede Run Tributary	203P
West Branch Wading River	204-207P

Published Separately

Flood Insurance Rate Map (FIRM)

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
North Run	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of New Hanover and North Hanover
Ong Run (Zone AE)	09/1979	NJDEP, Division of Water Resources, Bureau of Floodplain Management	H-3959	July 1978	Township of Pemberton
Ong Run (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Pemberton
Ore Spring	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Tabernacle
Oswego River	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Bass River and Washington
Papoose Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Bass River, Washington and Woodland
Parkers Creek (Zone AE)	09/22/1999	USACE, Philadelphia District	H-7-76, Project Order No. 13	December 1978	Townships of Moorestown and Mount Laurel
Parkers Creek (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Mount Laurel
Parkers Creek, Various Tributaries	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Mount Laurel

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Pau Puk Keewis Lagoon	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Borough of Medford Lakes
Pennsauken Creek	05/04/1992, 11/20/1991	USACE	EMW-89-E-2994, Project Order No. 1, Task Letter No. 2	May 1990	Borough of Palmyra and Township of Cinnaminson
Pennsauken Creek North Branch (Zone AE)	06/1979, 01/19/1996, 09/22/1999	USACE, Philadelphia District	IAA-H-10-77, Project Order No.9; IAA-H-19-74 and IAA-H-16-75, Project Order Nos. 17 and 6 with Amendment No.3; H-7-76, Project Order No. 13	April 1977, September 1976, December 1978	Townships of Maple Shade, Moorestown, and Mount Laurel
Pennsauken Creek North Branch, Various Tributaries (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Evesham, Moorestown and Mount Laurel
Pennsauken Creek South Branch	11/20/1991	USACE	EMW-89-E-2994, Project Order No.1, Task Letter No. 2	May 1990	Township of Cinnaminson
Pennsauken Creek South Branch	06/1979	USACE, Philadelphia District	IAA-H-10-77, Project Order No. 9	April 1977	Township of Maple Shade
Pennsauken Creek South Branch	03/02/1995	NJDEP	H-3959	March 1982	Township of Evesham
Pennsauken Creek South Branch, Various Tributaries (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Evesham, Moorestown and Mount Laurel
Pheasant Run	11/20/1991	USACE, Philadelphia District	IAA-H-15-72, Project Order No. 18	July 1974	Township of Cinnaminson

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Plains Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Bass River and Washington
Pole Bridge Branch (Zone AE)	09/1979	NJDEP, Division of Water Resources, Bureau of Floodplain Management	H-3959	July 1978	Township of Pemberton
Pole Bridge Branch (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Pemberton
Pole Bridge Branch Tributary (Zone AE)	09/1979	NJDEP, Division of Water Resources, Bureau of Floodplain Management	H-3959	July 1978	Township of Pemberton
Pole Bridge Branch Tributary (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Pemberton
Pompeston Creek (Zone AE)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-12-J-0065	April 2014	Borough of Riverton and Township of Cinnaminson
Pompeston Creek (Zone AE)	11/20/1991, 01/19/1996	USACE	ENW-89-E-2994, Project Order No. 1, Task Letter No. 2	September 1989	Townships of Cinnaminson and Moorestown
Pompeston Creek (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Moorestown

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Pompeston Creek East and Southeast Branch	11/20/1991	USACE	ENW-89-E-2994, Project Order No. 1, Task Letter No. 2	September 1989	Township of Cinnaminson
Pompeston Creek Northeast Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Moorestown
Pompeston Creek Southeast Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Moorestown
Pope Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Woodland
Powell Run	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Eastampton and Pemberton
Powells Run	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Pemberton and Springfield
Ramblewood Tributary	09/22/1999	USACE, Philadelphia District	H-7-76, Project Order No. 13	December 1978	Township of Mount Laurel
Rancocas Creek	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-12-J-0065	April 2014	Townships of Delanco, Delran, Edgewater Park, Hainesport, Moorestown, Mount Laurel, Riverside, Willingboro, and Westampton
Rancocas Creek	08/1979	NJDEP	H-3959	May 1978	Townships of Mount Laurel and Westampton

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Rancocas Creek North Branch	01/1979, 02/1979, 03/1979, 08/1979, 09/1979	NJDEP	H-3959	May 1978	Borough of Pemberton, Townships of Eastampton, Hainesport, Mount Holly, Pemberton, Westampton
Rancocas Creek North Branch, Various Tributaries	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Pemberton and Westampton
Rancocas Creek South Branch (Zone AE)	12/21/2017	URS Group, Inc. in association with Dewberry and Davis	EMN-2000-CO-0247	November 2006	Townships of Hainesport, Lumberton, Mount Laurel and Southampton
Rancocas Creek South Branch (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Southampton
Rancocas Creek South Branch Tributary (Zone AE)	02/15/1983	NJDEP	H-3959	February 1982	Township of Lumberton
Rancocas Creek South Branch Tributary (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Lumberton and Medford
Rancocas Creek Southwest Branch (Zone AE)	12/21/2017	URS Group, Inc. in association with Dewberry and Davis	EMN-2000-CO-0247	November 2006	Townships of Evesham, Lumberton, Medford and Southampton
Rancocas Creek Southwest Branch (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Evesham

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Rancocas Creek Southwest Branch, Various Tributaries	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Evesham and Medford
Risley Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Woodland
Roberts Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Shamong and Tabernacle
Roberts Branch Tributary 1	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Tabernacle
Shane Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Tabernacle and Washington
Sharps Run (Zone AE)	02/15/1983	NJDEP	H-3959	March 1982	Township of Medford
Sharps Run (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Medford
Sharps Run, Various Tributaries	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Evesham and Medford
Shinns Branch	07/20/1981	Gannett Fleming Corddry and Carpenter, Inc. for NJDEP	H-4546	April 1980	Township of Washington

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Shoal Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Woodland
Shreve Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Woodland
Skeet Run (Zone AE)	02/15/1983	NJDEP	H-3959	March 1982	Township of Medford
Skeet Run (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Medford
Skeet Run, Various Tributaries	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Medford
Skit Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Shamong and Tabernacle
Skit Branch, Various Tributaries	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Tabernacle
Spring Hill Brook	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Mansfield
Springer Brook (Zone AE)	12/21/2017	Leonard Jackson Associates	EMN-2002-RP-0021	April 2005	Township of Shamong
Springer Brook (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Shamong

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Strawbridge Lake (Zone AE)	01/19/1996	USACE, Philadelphia District	IAA-H-19-74, IAA-H-16-75, Project Order Nos. 17 and 6 with Amendment No.3	September 1976	Township of Moorestown
Strawbridge Lake (Zone AE)	09/22/1999	USACE, Philadelphia District	H-7-76, Project Order No. 13	December 1978	Township of Mount Laurel
Strawbridge Lake (Zone A)	12/21/2017	RAMPP	HSFEHQ-09- D-0369, Task Order HSFE02-09- J-0001	September 2015	Townships of Moorestown and Mount Laurel
Swede Run (Zone AE)	12/21/2017	RAMPP	HSFEHQ-09- D-0369, Task Order HSFE02-12- J-0065	April 2014	Township of Delran
Swede Run (Zone AE)	12/05/1995, 01/19/1996	USACE, Philadelphia District	EMW-92-E- 3839, Project Order No. 5, Amendment A	October 1993	Townships of Delran and Moorestown
Swede Run (Zone A)	12/21/2017	RAMPP	HSFEHQ-09- D-0369, Task Order HSFE02-09- J-0001	September 2015	Township of Moorestown
Swede Run Tributary	01/19/1996	USACE, Philadelphia District	EMW-92-E- 3839, Project Order No. 5, Amendment A	October 1993	Township of Moorestown
Sykes Branch	12/21/2017	RAMPP	HSFEHQ-09- D-0369, Task Order HSFE02-09- J-0001	September 2015	Township of Woodland
Taunton Lake Tributary	12/21/2017	RAMPP	HSFEHQ-09- D-0369, Task Order HSFE02-09- J-0001	September 2015	Townships of Evesham and Medford

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Taunton Lake Tributary 1	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Evesham
Thorton Creek	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	City of Bordentown, Townships of Bordentown and Chesterfield
Tommys Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Bass River
Tributary 1	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Hainesport and Mount Laurel
Tributary 2	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Hainesport and Lumberton
Tributary 2.1	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Hainesport
Tributary B	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Borough of Fieldsboro and Township of Bordentown
Tub Mill Branch	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Bass River
Tulpehocken Creek	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Washington

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Unnamed Streams, Various	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Burlington County (All Jurisdictions)
Unnamed Tributaries, Various	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Burlington County (All Jurisdictions)
Upper Marlton Lake	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Evesham
Upper Marlton Lake Tributary 1	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Evesham
Upper Marlton Lake Tributary 1.1	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Evesham
Wading River	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-12-J-0065	April 2014	Townships of Bass River and Washington
Wesickaman Creek	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Shamong
West Branch Bass River (Zone AE)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-12-J-0065	April 2014	Township of Bass River
West Branch Bass River (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Township of Bass River

Table 29: Summary of Contracted Studies Included in this FIS Report –continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
West Branch Wading River (Zone AE)	07/20/1981	Gannett Fleming Corddry and Carpenter, Inc. for NJDEP	H-4546	April 1980	Township of Woodland
West Branch Wading River (Zone A)	12/21/2017	RAMPP	HSFEHQ-09-D-0369, Task Order HSFE02-09-J-0001	September 2015	Townships of Washington and Woodland

7.2 Community Meetings

The dates of the community meetings held for this FIS project and any previous FIS projects are shown in Table 30. These meetings may have previously been referred to by a variety of names (Community Coordination Officer (CCO), Scoping, Discovery, etc.), but all meetings represent opportunities for FEMA, community officials, study contractors, and other invited guests to discuss the planning for and results of the project.

Table 30: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Bass River, Township of	12/21/2017	12/03/2015	Flood Risk Review Meeting	FEMA, NJDEP, this community and the study contractor
		03/20/2015	Initial CCO Meeting	FEMA, NJDEP, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
Beverly, City of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Bordentown, City of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Bordentown, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Burlington, City of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Burlington, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Chesterfield, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Cinnaminson, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the study contractor
		06/29/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor

Table 30: Community Meetings – continued

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Delanco, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
Delran, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Eastampton, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
Edgewater Park, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Evesham, Township of	12/21/2017	06/29/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
Fieldsboro, Borough of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Florence, Township of	12/21/2017	06/29/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
Hainesport, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Lumberton, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Mansfield, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Maple Shade, Township of	12/21/2017	06/29/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
Medford Lakes, Borough of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Medford, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Moorestown, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor

Table 30: Community Meetings – continued

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Mount Holly, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the studycontractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Mount Laurel, Township of	12/21/2017	06/29/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
New Hanover, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
North Hanover, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Palmyra, Borough of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the studycontractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Pemberton, Borough of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Pemberton, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
Riverside, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Riverton, Borough of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Shamong, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the studycontractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Southampton, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Springfield, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor

Table 30: Community Meetings – continued

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Tabernacle, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Washington, Township of	12/21/2017	12/03/2015	Flood Risk Review Meeting	FEMA, NJDEP, this community and the study contractor
		03/20/2015	Initial CCO Meeting	FEMA, NJDEP, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP, this community and the study contractor
Westampton, Township of	12/21/2017	05/08/2013	Project Coordination Meeting	FEMA, this community and the study contractor
		06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Willingboro, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Woodland, Township of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor
Wrightstown, Borough of	12/21/2017	06/28/2016	CCO Meeting	FEMA, NJDEP and the study contractor

SECTION 8.0 – ADDITIONAL INFORMATION

Information concerning the pertinent data used in the preparation of this FIS Report can be obtained by submitting an order with any required payment to the FEMA Engineering Library. For more information on this process, see www.fema.gov.

The additional data that was used for this project includes the FIS Report and FIRM that were previously prepared for the Borough of Fieldsboro (FEMA 1990), Borough of Medford Lakes (FEMA 1980), Borough of Palmyra (FEMA 1992), Borough of Pemberton (FEMA 1979), Borough of Riverton (FEMA 1991), Borough of Wrightstown (FEMA 1979), City of Beverly (FEMA 1992), City of Bordentown (FEMA 1989), City of Burlington (FEMA 1987), Township of Bass River (FEMA 1982), Township of Bordentown (FEMA 1990), Township of Burlington (FEMA 1989), Township of Chesterfield (FEMA 1983), Township of Cinnaminson (FEMA 1991), Township of Delanco (FEMA 1979), Township of Delran (FEMA 1995), Township of Eastampton (FEMA 1979), Township of Edgewater Park (FEMA 1992), Township of Evesham (FEMA 1995), Township of Florence (FEMA 1990), Township of Hainesport (FEMA 1979), Township of Lumberton (FEMA 1983), Township of Mansfield (FEMA 1991), Township of Maple Shade (FEMA 1979), Township of Medford (FEMA 1983), Township of Moorestown (FEMA 1996), Township of Mount Holly (FEMA 1979), Township of Mount Laurel (FEMA 1999), Township of New Hanover (FEMA 1979), Township of North Hanover (FEMA 1979), Township of Pemberton (FEMA 1980), Township of Riverside (FEMA 1979), Township of Shamong (FEMA 1979), Township of Southampton (FEMA 1980), Township of Springfield (FEMA 1983), Township of Tabernacle (FEMA 1992), Township of Washington (FEMA 1981), Township of Westampton (FEMA 1980), Township of Willingboro (FEMA 1979) and the Township of Woodland (FEMA 1982).

Table 31 is a list of the locations where FIRMs for Burlington County can be viewed. Please note that the maps at these locations are for reference only and are not for distribution. Also, please note that only the maps for the community listed in the table are available at that particular repository. A user may need to visit another repository to view maps from an adjacent community.

Table 31: Map Repositories

Community	Address	City	State	Zip Code
Bass River, Township of	Bass River Township Municipal Building 3 North Maple Avenue	New Gretna	NJ	08087
Beverly, City of	City Hall, 2nd Floor 446 Broad Street	Beverly	NJ	08010
Bordentown, City of	City Hall, Tax Office 324 Farnsworth Avenue	Bordentown	NJ	08505
Bordentown, Township of	Municipal Building, Community Development Office 1 Municipal Drive	Bordentown	NJ	08505

Table 31: Map Repositories – continued

Community	Address	City	State	Zip Code
Burlington, City of	City Hall, Municipal Office 525 High Street	Burlington	NJ	08016
Burlington, Township of	Township Municipal Building, Engineering Department 851 Old York Road	Burlington	NJ	08016
Chesterfield, Township of	Municipal Building 300 Bordentown-Chesterfield Road	Chesterfield	NJ	08515
Cinnaminson, Township of	Township Building 1621 Riverton Road	Cinnaminson	NJ	08077
Delanco, Township of	Municipal Building 770 Coopertown Road	Delanco	NJ	08075
Delran, Township of	Municipal Building 900 Chester Avenue	Delran	NJ	08075
Eastampton, Township of	Municipal Building 12 Manor House Court	Eastampton	NJ	08060
Edgewater Park, Township of	Township Building 400 Delanco Road	Edgewater Park	NJ	08010
Evesham, Township of	Evesham Township Municipal Building, Department of Community Development 984 Tuckerton Road	Marlton	NJ	08053
Fieldsboro, Borough of	Municipal Building 204 Washington Street	Fieldsboro	NJ	08505
Florence, Township of	Municipal Complex, Clerk's Office 711 Broad Street	Florence	NJ	08518
Hainesport, Township of	Township Municipal Building 1 Hainesport Centre	Hainesport	NJ	08036
Lumberton, Township of	Municipal Building 35 Municipal Drive	Lumberton	NJ	08048
Mansfield, Township of	Mansfield Township Municipal Complex 3135 Route 206 South, Suite 1	Columbus	NJ	08022
Maple Shade, Township of	Municipal Building, Community Development 200 Stiles Avenue	Maple Shade	NJ	08052

Table 31: Map Repositories – continued

Community	Address	City	State	Zip Code
Medford Lakes, Borough of	Municipal Building, Clerk's Office, 3rd Floor 1 Cabin Circle	Medford Lakes	NJ	08055
Medford, Township of	Municipal Hall 17 North Main Street	Medford	NJ	08055
Moorestown, Township of	Town Hall, Department of Community Development, 2nd Floor 111 West Second Street	Moorestown	NJ	08057
Mount Holly, Township of	Municipal Building, Clerk's Office, 3rd Floor 23 Washington Street	Mount Holly	NJ	08060
Mount Laurel, Township of	Municipal Building 100 Mount Laurel Road	Mount Laurel	NJ	08054
New Hanover, Township of	New Hanover Township Municipal Building 2 Hockamick Road	Cookstown	NJ	08511
North Hanover, Township of	North Hanover Township Municipal Building 41 Schoolhouse Road	Jacobstown	NJ	08562
Palmyra, Borough of	Borough Hall, 2nd Floor 20 West Broad Street	Palmyra	NJ	08065
Pemberton, Borough of	Municipal Building 50 Egbert Street	Pemberton	NJ	08068
Pemberton, Township of	Municipal Building 500 Pemberton-Browns Mills Road	Pemberton	NJ	08068
Riverside, Township of	Administrative Building, Construction Office 237 South Pavilion Avenue	Riverside	NJ	08075
Riverton, Borough of	Borough Hall 505A Howard Street	Riverton	NJ	08077
Shamong, Township of	Municipal Building 105 Willow Grove Road	Shamong	NJ	08088
Southampton, Township of	Municipal Building 5 Retreat Road	Southampton	NJ	08088
Springfield, Township of	Springfield Township Municipal Building 2159 Jacksonville-Jobstown Road	Jobstown	NJ	08041

Table 31: Map Repositories – continued

Community	Address	City	State	Zip Code
Tabernacle, Township of	Town Hall 163 Carranza Road	Tabernacle	NJ	08088
Washington, Township of	Washington Township Municipal Building, Emergency Management Office 2436 County Route 563	Egg Harbor City	NJ	08215
Westampton, Township of	Municipal Building, Construction Office 710 Rancocas Road	Westampton	NJ	08060
Willingboro, Township of	Municipal Complex 1 Reverend Dr. Martin Luther King, Jr. Drive	Willingboro	NJ	08046
Woodland, Township of	Woodland Township Municipal Building 3943 Main Street	Chatsworth	NJ	08019
Wrightstown, Borough of	Municipal Building 21 Saylor's Pond Road	Wrightstown	NJ	08562

The National Flood Hazard Layer (NFHL) dataset is a compilation of effective FIRM databases and LOMCs. Together they create a GIS data layer for a State or Territory. The NFHL is updated as studies become effective and extracts are made available to the public monthly. NFHL data can be viewed or ordered from the website shown in Table 32.

Table 32 contains useful contact information regarding the FIS Report, the FIRM, and other relevant flood hazard and GIS data. In addition, information about the State NFIP Coordinator and GIS Coordinator is shown in this table. At the request of FEMA, each Governor has designated an agency of State or territorial government to coordinate that State's or territory's NFIP activities. These agencies often assist communities in developing and adopting necessary floodplain management measures. State GIS Coordinators are knowledgeable about the availability and location of State and local GIS data in their state.

Table 32: Additional Information

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/engineering-library
NFIP website	www.fema.gov/national-flood-insurance-program
NFHL Dataset	msc.fema.gov
FEMA Region II	26 Federal Plaza New York, NY 10278-0002 Telephone: (212) 680-3600

Other Federal Agencies	
USGS website	www.usgs.gov
Hydraulic Engineering Center website	www.hec.usace.army.mil
State Agencies and Organizations	
State NFIP Coordinator	John H. Moyle, PE New Jersey Department of Environmental Protection P.O. Box 420 Trenton, NJ 08625 Phone: (609) 292-2296 John.moyle@dep.state.nj.us
Burlington County GIS Division	Burlington County Information Technology Department, Geographic Information Systems (GIS) Division 49 Rancocas Road Mount Holly, NJ 08060 Phone: (609) 702-7067

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES

Table 33 includes sources used in the preparation of and cited in this FIS Report as well as additional studies that have been conducted in the study area.

Table 33: Bibliography and References

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
DRBC 2014	Delaware River Basin Commission	<i>General Flood Information</i>			2014	http://www.state.nj.us/drbc/hydrological/flood/
FEMA 1990	Federal Emergency Management Agency	<i>Flood Insurance Study, Borough of Fieldsboro, New Jersey</i>		Washington, D.C.	May 3, 1990	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, Borough of Medford Lakes, New Jersey</i>		Washington, D.C.	June 1, 1981	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1992	Federal Emergency Management Agency	<i>Flood Insurance Study, Borough of Palmyra, New Jersey</i>		Washington, D.C.	May 4, 1992	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Borough of Pemberton, New Jersey</i>		Washington, D.C.	September 14, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1991	Federal Emergency Management Agency	<i>Flood Insurance Study, Borough of Riverton, New Jersey</i>		Washington, D.C.	August 19, 1991	FEMA Flood Map Service Center http://msc.fema.gov

Table 33: Bibliography and References – continued

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Borough of Wrightstown, New Jersey</i>		Washington, D.C.	May 11, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1992	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Beverly, New Jersey</i>		Washington, D.C.	February 5, 1992	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1989	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Bordentown, New Jersey</i>		Washington, D.C.	December 15, 1989	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1987	Federal Emergency Management Agency	<i>Flood Insurance Study, City of Burlington, New Jersey</i>		Washington, D.C.	January 2, 1987	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1983	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Bass River, New Jersey</i>		Washington, D.C.	April 4, 1983	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1992	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Bass River, New Jersey</i>		Washington, D.C.	July 15, 1992	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1990	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Bordentown, New Jersey</i>		Washington, D.C.	February 2, 1990	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1982	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Burlington, New Jersey</i>		Washington, D.C.	February 17, 1982	FEMA Flood Map Service Center http://msc.fema.gov

Table 33: Bibliography and References – continued

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 1989	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Burlington, New Jersey</i>		Washington, D.C.	December 15, 1989	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1983	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Chesterfield, New Jersey</i>		Washington, D.C.	January 21, 1983	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1991	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Cinnaminson, New Jersey</i>		Washington, D.C.	November 20, 1991	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Delanco, New Jersey</i>		Washington, D.C.	September 28, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1995	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Delran, New Jersey</i>		Washington, D.C.	December 5, 1995	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Eastampton, New Jersey</i>		Washington, D.C.	September 14, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1992	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Edgewater Park, New Jersey</i>		Washington, D.C.	April 15, 1992	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1995	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Evesham, New Jersey</i>		Washington, D.C.	March 2, 1995	FEMA Flood Map Service Center http://msc.fema.gov

Table 33: Bibliography and References – continued

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 1982	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Florence, New Jersey</i>		Washington, D.C.	March 1, 1982	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1990	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Florence, New Jersey</i>		Washington, D.C.	January 17, 1990	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Hainesport, New Jersey</i>		Washington, D.C.	July 16, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1983	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Lumberton, New Jersey</i>		Washington, D.C.	August 15, 1983	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1991	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Mansfield, New Jersey</i>		Washington, D.C.	May 2, 1991	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Maple Shade, New Jersey</i>		Washington, D.C.	December 18, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1983	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Medford, New Jersey</i>		Washington, D.C.	August 15, 1983	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1996	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Moorestown, New Jersey</i>		Washington, D.C.	January 19, 1996	FEMA Flood Map Service Center http://msc.fema.gov

Table 33: Bibliography and References – continued

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Mount Holly, New Jersey</i>		Washington, D.C.	August 1, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1999	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Mount Laurel, New Jersey</i>		Washington, D.C.	September 22, 1999	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of New Hanover, New Jersey</i>		Washington, D.C.	May 11, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of North Hanover, New Jersey</i>		Washington, D.C.	August 3, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Pemberton, New Jersey</i>		Washington, D.C.	March 4, 1980	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Riverside, New Jersey</i>		Washington, D.C.	July 2, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Shamong, New Jersey</i>		Washington, D.C.	June 15, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Southampton, New Jersey</i>		Washington, D.C.	March 4, 1980	FEMA Flood Map Service Center http://msc.fema.gov

Table 33: Bibliography and References –continued

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 1983	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Springfield, New Jersey</i>		Washington, D.C.	January 28, 1983	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1992	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Tabernacle, New Jersey</i>		Washington, D.C.	April 15, 1992	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1981	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Washington, New Jersey</i>		Washington, D.C.	December 15, 1981	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1980	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Westampton, New Jersey</i>		Washington, D.C.	February 15, 1980	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1979	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Willingboro, New Jersey</i>		Washington, D.C.	July 2, 1979	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1982	Federal Emergency Management Agency	<i>Flood Insurance Study, Township of Woodland, New Jersey</i>		Washington, D.C.	January 20, 1982	FEMA Flood Map Service Center http://msc.fema.gov
FEMA 1976		<i>Flood Insurance Study, Township of Pennsauken, Camden County, New Jersey</i>		Washington, D.C.	October 1976	

Table 33: Bibliography and References – continued

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
G&S Appendices	Federal Emergency Management Agency	<i>FEMA's Guidelines and Standards for Flood Risk Analysis and Mapping</i>		Washington, D.C.	2014	http://www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping .
HMP 2014	Tetra Tech, Inc. for Burlington County, NJ	<i>Burlington County Multi-Jurisdictional: All Hazards Mitigation Plan</i>	Tetra Tech. Inc.	Burlington County, NJ	March 2014	http://co.burlington.nj.us/1243/Mitigation-Plan-2014
USGS 2006	USGS, in cooperation with FEMA	<i>Flood of July 12-13, 2004, Burlington and Camden Counties, South-Central New Jersey; Scientific Investigations Report 2006-5096</i>	Amy R. Protz and Timothy J. Reed		2006	https://pubs.er.usgs.gov/publication/sir20065096