

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage systems. The map is intended to provide information for flood insurance purposes only and should not be used as the sole source of flood elevation information. Accordingly, the map should not be used for purposes of construction and/or floodplain management.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 Flood Protection Measures of the Flood Insurance Manual for more information on flood control structures and flood protection measures. **Coastal Base Flood Elevations** shown on this map apply only to buildings of 0-0 National Geospatial Vertical Datum of 1929 (NGVD 29). Users of this FIRM should be aware that the National Geospatial Vertical Datum of 1929 (NGVD 29) is not the same as the National Geospatial Vertical Datum of 1988 (NGVD 88). Elevation data in the Flood Insurance Study Report for this jurisdiction. Elevation data shown in the Summary of Shallowwater Elevations table should be used for construction purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to the flow of water through the floodway. The floodway boundaries are not necessarily the same as the boundaries of the floodway. The floodway boundaries are not necessarily the same as the boundaries of the floodway.

The map is the property of the National Flood Insurance Program. It is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of the National Flood Insurance Program.

For more information, contact the National Flood Insurance Program at 1315 East-West Highway, Suite 200, Silver Spring, MD 20910-2292. (301) 715-3342. For more information, contact the National Flood Insurance Program at 1315 East-West Highway, Suite 200, Silver Spring, MD 20910-2292. (301) 715-3342.

Based on updated topographic information, this map reflects more detailed and current information than the previous FIRM for this jurisdiction. As a result, the Flood Insurance Study Report (which contains additional hydraulic data) may reflect stream channel changes that differ from what is shown on the map. Also, the stream channel changes may affect the floodway boundaries. Users should consult the Flood Insurance Study Report for more information on stream channel changes.

Corporate limits shown on this map are based on the best data available at the time of publication. The map is not intended to be used for purposes of determining corporate limits. The map is not intended to be used for purposes of determining corporate limits. The map is not intended to be used for purposes of determining corporate limits.

Please refer to the separately printed Map Index for an overview map of the jurisdiction. The Map Index shows the location of the jurisdiction within the National Flood Insurance Program. The Map Index also shows the location of the jurisdiction within the National Flood Insurance Program.

For more information, contact the National Flood Insurance Program at 1315 East-West Highway, Suite 200, Silver Spring, MD 20910-2292. (301) 715-3342. For more information, contact the National Flood Insurance Program at 1315 East-West Highway, Suite 200, Silver Spring, MD 20910-2292. (301) 715-3342.

If you have questions about this map or the National Flood Insurance Program, please contact the National Flood Insurance Program at 1315 East-West Highway, Suite 200, Silver Spring, MD 20910-2292. (301) 715-3342.

88° 05' 37.5" W
43° 07' 30" N

13° 00' 00" E
JOHN PANEL 0014

88° 05' 45" W
43° 07' 30" N



43° 05' 37" N
88° 05' 37" W
2450000 FT
JOHN PANEL 0054

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 7 NORTH, RANGE 1 EAST AND TOWNSHIP 8 NORTH, RANGE 2 EAST.

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO FLOODING
This is a special flood hazard area (SFHA) subject to flooding. The SFHA is shown on the map with a blue outline. The SFHA is shown on the map with a blue outline. The SFHA is shown on the map with a blue outline.

FLOOD INSURANCE RATE MAP (FIRM)
This is a flood insurance rate map (FIRM) showing the flood insurance rate for the area. The FIRM is shown on the map with a blue outline. The FIRM is shown on the map with a blue outline. The FIRM is shown on the map with a blue outline.

FLOOD INSURANCE STUDY (FIS)
This is a flood insurance study (FIS) showing the flood insurance study for the area. The FIS is shown on the map with a blue outline. The FIS is shown on the map with a blue outline. The FIS is shown on the map with a blue outline.

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This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updates or additional flood hazard information.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

Coastal Base Flood Elevations shown on this map apply only to the 0.0' National Geospatial Vertical Datum of 1929 (NOVD 29). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations Table in the Flood Insurance Study Report for this jurisdiction. Elevations shown on this map are for flood management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated to the cross sections between the cross sections. The floodway boundaries were computed using the National Flood Insurance Program Floodway Study Report for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) and the datum was North American Datum 1983 (NAD83). Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy for this jurisdiction.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov>, or contact the National Geodetic Survey at the following:

address: NGS Information Services
NOAA, NINGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282

Base Map information shown on this FIRW was developed for the Southeastern Regional Planning Commission, at a resolution of 6 inch/diagonal collected

Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRN for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for multiple streams in the Flood Insurance Study Report which contain authoritative hydrologic data may reflect differences from what is shown on the map. The data on the map, however, are the authoritative data for that stream.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information

on available products associated with this FIRM. Available products may include, but are not limited to, previously issued Letters of Map Change, a Flood Insurance Study Report and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-338-9620 and its website at <http://www.msc.fema.gov>.

visit the FEMA website at <http://www.fema.gov>.



Zone	Special Flood Hazard Areas (SFHA) Subject to Flooding by the 1% Annual Chance Flood	Base Flood Elevation	Base Flood Elevation
ZONE A	Area of land that is subject to flooding by the 1% annual chance flood. The base flood elevation is the water-surface elevation of the 1% annual chance flood.	No Base Flood Elevations determined.	No Base Flood Elevations determined.
ZONE AE	Area of land that is subject to flooding by the 1% annual chance flood. The base flood elevation is the water-surface elevation of the 1% annual chance flood.	Base Flood Elevation: Determined.	Base Flood Elevation: Determined.
ZONE AH	Area of land that is subject to flooding by the 1% annual chance flood. The base flood elevation is the water-surface elevation of the 1% annual chance flood.	Fixed depths of 1 to 3 feet (usually areas of ponds).	Fixed depths of 1 to 3 feet (usually areas of ponds).
ZONE A0	Area of land that is subject to flooding by the 1% annual chance flood. The base flood elevation is the water-surface elevation of the 1% annual chance flood.	Fixed depths of 1 to 3 feet (usually areas of ponds).	Fixed depths of 1 to 3 feet (usually areas of ponds).

Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system was subsequently determined. Zone AE (Special Flood Hazard Areas) is shown on the map. Zone AE is the area of the project that is subject to the 1% annual chance flood. The area is shown on the map. The area is shown on the map.

OTHER FLOOD AREAS
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 produced by waves from 1% annual chance flood.

OTHER AREAS
Areas determined to be outside the 0.2% annual chance floodplains.

ZONING

	CONSTITUTIONAL RESOURCES SYSTEM (CRS) AREAS
	OTHERWISE PROTECTED AREAS (OPAs)

Areas in which flood hazards are undetermined, but possible.

CRS 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
CRMS and 60A boundary

Boundary (within Social Flood Hazard Areas of different Size
from Estimation, Flood depths or flood velocities)

Base Flood Elevation value where uniform within zone, elevation in
feet*

Base Flood Elevation value where uniform within zone, elevation in
feet*

5.13 (1, 100)

Referenced to the National Geospatial Vertical Datum of 1929

Cross section line
 Transect line

Geographic coordinates, referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
 1000-foot ticks: Wisconsin State Plane South Zone (19S Zone 4803),
 1190000 FT
 45° 02' 08" 92.82"

* Map 5
 02025 X
 1200 meter Universal Transverse Mercator grid values, zone 18N
 Lambert Conformal Conic Projection
 Search text (see explanation in Notes to Users section of this FIRM
 patch)

WVP REPOSITORIES
 Refer to Map Repositories list on Map Index
 Sheet 1010

UNITED STATES GOVERNMENT
 PRINTING OFFICE: 1987 O-854-700

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
 September 26, 2008

For community map-related history, only to countywide mapping, refer to the Community Map History page located in the Flood Insurance Study report for the 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.

NFIP
W
FIRM
PANEL 0056E

FIRM
FLOOD INSURANCE RATE MAP
MILWAUKEE COUNTY

**WISCONSIN
AND INCORPORATED AREAS**

PANEL 56 OF 300
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS	COMMUNITY	NUMBER	PANEL	SUFFIX
	WHAUKEE, CITY OF	550278	0056	E
	WALWATOSA, CITY OF	550284	0056	E

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
55079C0056E

 **DEPARTMENT OF AGRICULTURE**

NATIONAL

 **FEDERAL EMERGENCY MANAGEMENT AGENCY**

EFFECTIVE DATE
SEPTEMBER 26, 2008

This map is for use in areas subject to the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

Coastal Base Flood Elevations shown on this map apply this FIRMs should be National Geospatial Vertical Datum of 1929 (NGVD 29). Users of this FIRMs should be aware that coastal base flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown on this map are for flood protection purposes when they are higher than the elevations shown on this FIRMs.

Boundaries of the floodways were computed: at cross sections and interpolated between cross sections to obtain a continuous representation with respect to the cross sections of the National Flood Insurance Program. Floodway boundaries and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM). The datum used was the North American Datum of 1983. Differences in datum, spheroid, projection or LTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the map.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov>, or contact the National Geodetic Survey at the following of this FIRM.

address:
NGS Information Services
NOAA, NINGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282

Base Map information shown on this **FIRM** was developed for the Southeastern Wisconsin Regional Planning Commission, at a resolution of 6 inches and collected in 2004 and 2005.

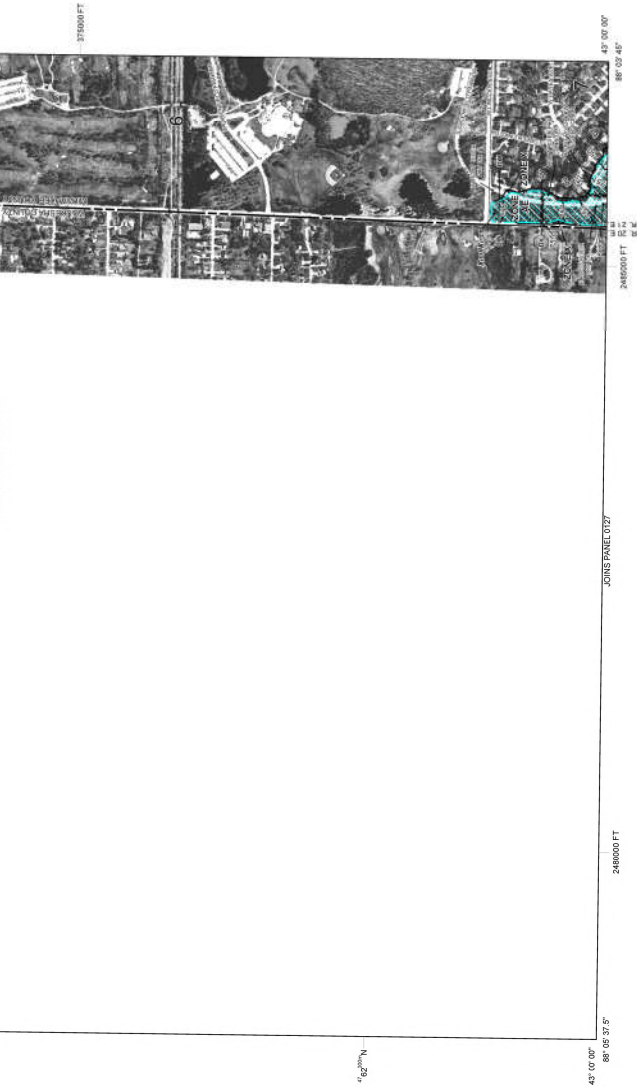
Based on updated geographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel characteristics that differ from what is shown on the map. Also, the road to floodplain relationships for unreviewed streams may differ from what is shown on previous maps.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after the map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses, and a listing of communities tabulating National Flood Insurance Program dates for each community as well as listing the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRF. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by fax at 1-800-358-9620 and by email at fema@nrc.mnc.fema.gov.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov>.

[illegible]

OTHER FLOOD AREAS

The Redway 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.

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

Areas determined to be outside the 0.2% annual chance floodplain.
Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

1% Annual Chance Floodplain Boundary
 0.2% Annual Chance Floodplain Boundary

 Redline boundary
 Zone D boundary
 Cells and CPA boundary

Boundary dividing Social Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities

Base Flood Elevation value where uniform within zone; elevation in feet^a

Crisis action line

Transcript line

45° 02' 00", 83° 52' 12"
 1983 (NAD 83) western Hemisphere
 5000 foot U.S.: Wisconsin State Plane South Zone (FIPS Zone 4803),
 Lambert Conformal Conic projection

1200-metre Universal Transverse Mercator grid values, zone 18N

Search mark (see explanation in Notes to Users section of this FORM)

* M1.5

Zone 18N

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

**EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP**
September 26, 2008

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map section history prior to countywide mapping, refer to the Community Map History table located in the *Local 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'

NAME _____

FIRM

PANEL 0064E

FLOOD INSURANCE RATE MAP

MILWAUKEE COUNTY,
WISCONSIN

AND INCORPORATED AREAS

PANEL 64 OF 300

COMPANY	NUMBER	DATE	CLIENT
PRINCE			

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CERTIFICATE

SUBJECT	LOCATION	DATE
WV WATSON, CITY OF	0064	E
WEST ALLEN, CITY OF	0064	E

I do

FL007-1

Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
55079C0064E
EFFECTIVE DATE

SEPTEMBER 26, 2008
Federal Emergency Management Agency

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Coastal Base Flood Elevations shown on this map apply only to landward of 0.0' National Geospatial Vertical Datum of 1929 (NOVD 29). Users of this FIRMA should be aware that coastal flood elevations are also provided in the Summary of Saltwater Elevations based in the Flood Insurance Study Report for this jurisdiction. Elevations shown on this map are for storm surge only. Storm surge is the rise in water level and/or floodplain management purposes when they are higher than the elevations shown on this FIRMA.

Boundaries of the floodways were computed at cross sections and interpolated to cross sections based on the National Flood Insurance Study (NFIS) data for the National Flood Insurance Program. Floodway boundaries for adjacent jurisdiction boundaries are provided in the Flood Insurance Study Report for this jurisdiction.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following:

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Please refer to the separately printed **FEMA Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program information for each community as well as a listing of the panels on which each community is located.

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If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov>.



	SPICIAL FLOOD HAZARD AREAS (SHAG) SUBJECT TO FLOODING BY THE 1% ANNUAL CHANCE FLOOD
ZONE A	Special Flood Hazard Areas (SFHA) subject to flooding by the 1% annual chance flood. The Special Flood Hazard Area is the segment of flooding by the 1% annual chance flood. Areas of special flood hazard are labeled "A," "V," and "VE." The base flood elevation is the water-surface elevation of the 1% annual chance flood.
ZONE AE	All Base Flood Elevations determined. Base Flood Elevation determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AD	Flood depths of 4 to 6 feet; usually sheet flow on sloping terrain; average depth of flooding is 5 feet; usually no structural damage, water also determines heights of structural flood loading, water also determines

ZONE	HAZARD	PROTECTION
ZONE I-A	Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently destroyed. Zone I-A areas are those areas that are not otherwise required to provide protection from the 1% annual chance or greater flood.	
ZONE I-B	Areas not protected from the 1% annual chance flood by a Federal flood protection system or other construction. No flood Flood Elevations determined.	
ZONE V	Coastal flood areas with velocity hazard (wave action); no base Flood Elevation determined.	
ZONE VE	Coastal flood areas with velocity hazard (wave action); base Flood Elevation determined.	

FLOODWAY AREAS IN ZONE AE



OTHER FLOOD AREAS

Areas of 12.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot; and with drainage areas less than 1 square mile, and areas protected by levees from 1% annual chance flood.

OTHER AREAS

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

	ZONED	Areas in which flood hazards are undetermined, but possible.
	COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS	
	OTHERWISE PROTECTED AREAS (OPAs)	

CBRS areas and OPAs are storm 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
CRD and SPA boundary

Boundary (using Social Flood Hazard Areas of different Size Flood Frequencies, flood depths or flood velocities)

Base Flood Elevation line and value; elevation in feet*

Base Flood Elevation value where uniform within zone; elevation in feet*

Cross section line

*Referenced to the National Geodetic Vertical Datum of 1929

																
45° 32' 00" N	92° 32' 00" W	1190000 P	1190000 E	1190000 S	1190000 N	1190000 W	1190000 E	1190000 S	1190000 N	1190000 W	1190000 E	1190000 S	1190000 N	1190000 W	1190000 E	1190000 S
Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere 3200 feet (1000 meters) South Zone (PPS Zone 4003) Lambert Conformal Conic projection 1100 meter Universal Transverse Mercator grid values, zone 15N South zone (see explanation in Notes to Users section of this PPSA packet) Sheet Map Map Repositories See Map Repositories list on Map Index																

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
September 26, 2008

EFFECTIVE DATES (OF REVISIONS) TO THIS PANEL

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

To determine if flood insurance is available in this community, contact your insurance agent.



to call the National Flood Insurance Program at 1-800-638-6620.

[illegible]

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updates or additional flood hazard information.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Flood insurance coverage is available for certain buildings located behind such flood control structures. The Flood Insurance Study Report for information on flood control structures for this jurisdiction.

National Base Flood Elevations shown on this map apply only inland of 0.0 National Geospatial Vector Datum 1929 (NGVD 29). Users of this FIRM should consult the Flood Insurance Study Report for this jurisdiction. Elevation elevations based on the Flood Insurance Study Report for this jurisdiction. Elevation elevations shown in the Summary of Flood Insurance Study Report for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

The boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydrologic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and their percent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The horizontal datum was NAD 83, GR80 spheroid. Differences in datum, spheroid, projection or UTM zones are in the production of maps for adjacent jurisdictions may result in slight differences in map features or adjacent jurisdictions may not be in the same datum. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov>, or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NGS12
National Geodetic Survey
2835 SH-202
1315 East Highway
Silver Spring, Maryland 20910-3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (501) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base Map information shown on this FIRN was developed for the Southeastern Hydrographic Planning Commission, at a resolution of 6 inches and corrected in 2004 and 2005.

Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for potential streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect differences from the previous FIRM. Flood profiles and floodway data are shown to floodplain relationships for unreviewed streams; they may differ from what is shown on floodplain maps.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate local government for the most current information.

Please refer to the separately printed **FEMA Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities stable containing National Flood Insurance Program addresses for each community as well as a listing of fire panels on which each community is located.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov>.

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updates or additional flood hazard information.

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[illegible]

1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

Potentially boundary

Zone 2 boundary

CWS and PA boundary

Boundary between Capped Flood Hazard Areas of different Size

Floodplain, Flood depth or flood velocity

Risk Flood (Elevation line where uniform within zone, elevation in feet)

Mean Flood Elevation line where uniform within zone, elevation in feet

(ft, MSL)

[illegible]

For community map inclusion history (only to countywide mapping, refer to the Community Map History page located in the Field Source tool 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 1-800-538-6620.



Sex	Age Group	Number of People (in thousands)
Male	15-64	160
	65+	300
Female	15-64	160
	65+	300

Panel 0068E

FIRM
FLOOD INSURANCE RATE MAPMILWAUKEE COUNTY,
WISCONSIN
AND INCORPORATED AREAS

PANEL 68 OF 300

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)			
CONTAINS:			
COMMUNITY	NUMBER	PANEL	SUFFIX
MILWAUKEE, CITY OF	550276	0006	E
WILWAUKEE, CITY OF	550284	0006	E
WEST ALLIS, CITY OF	550285	0006	E

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.

MAP NUMBER
55079C0068E
EFFECTIVE DATE
SEPTEMBER 26, 2008

Federal Emergency Management Agency

This map is for use in administering the National Flood Insurance Program. It does not represent any government's official position or policy. The map is not intended to be used as a basis for any legal action. The map is not intended to be used as a basis for any legal action. The map is not intended to be used as a basis for any legal action.

Costal Base Flood Elevations shown on this map apply only to landward of 0.0' elevation above the National Geologic Vertical Datum of 1929 (NGVD 29). Users of this FIRMA should refer to the National Flood Insurance Program (NFIP) for the Flood Insurance Rate Map (FIRM) for this jurisdiction. Elevations listed in the Flood Insurance Rate Map for this jurisdiction, Elevations listed in the Summary of Significant Elevations shall also be used for construction purposes within the Summary of Significant Elevations that are higher than the elevations shown on this FIRMA.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The horizontal datum was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following:

NGS Information Services
NOAA, NINGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geospatial Survey at (801) 713-3242, or visit its website at <http://www.nds.noaa.gov>.

³Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect differences in stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unreviewed streams may differ from what is shown on the map.

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Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program data for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report and/or digital versions of this map. The FEMA Map Service Center may also be reached by email at fema@fema.gov or by web at <http://www.fema.gov>.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2637) or visit the FEMA website at <http://www.fema.gov>

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SPECIFIC FLOOD HAZARD AREAS (SFHA) SUBJECT TO IMPACT BY THE 1% ANNUAL CHANCE FLOOD

Base Flood Elevation (BFE) is the elevation of the 1% annual chance flood that is the 1% chance of flooding in any given year. The Special Flood Hazard Area (SFHA) is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include the areas of the 1% annual chance flood, the 1% and 0.1% and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

NO BASE FLOOD ELEVATIONS DETERMINED.

Base Flood Elevation determined.

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

Flood depths of 1 to 3 feet (usually sheet flow, secondary areas); average depths less than 1 foot for areas of alluvial fan flooding, secondary areas determined.

Flood depths of 1 to 3 feet (usually sheet flow, secondary areas); average depths less than 1 foot for areas of alluvial fan flooding, secondary areas determined.

SPECIAL FLOOD HAZARD AREAS FORMERLY PROTECTED FROM THE 1% ANNUAL CHANCE FLOOD
 The Special Flood Hazard Areas (SFHA) formerly protected from the 1% annual chance flood are shown in yellow. The SFHA formerly protected from the 1% annual chance flood are shown in yellow. The SFHA formerly protected from the 1% annual chance flood are shown in yellow.

GENERAL FLOOD HAZARD AREAS FORMERLY PROTECTED FROM THE 1% ANNUAL CHANCE FLOOD
 The General Flood Hazard Areas (GFHA) formerly protected from the 1% annual chance flood are shown in yellow. The GFHA formerly protected from the 1% annual chance flood are shown in yellow. The GFHA formerly protected from the 1% annual chance flood are shown in yellow.

OTHER FLOOD AREAS

FLOODWAY AREAS IN ZONE AE

Other Floodway Areas
 The floodway areas are shown in yellow. The floodway areas are shown in yellow. The floodway areas are shown in yellow.

Other Floodway Areas
 The floodway areas are shown in yellow. The floodway areas are shown in yellow. The floodway areas are shown in yellow.

OTHER AREAS

Areas determined to be at least the 0.2% annual chance floodplain, in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

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

— 0.2% Annual Chance Floodplain boundary
 - - - Floodway boundary
 - - - Zone D boundary
 CHMS and CPA boundary

Base Flood Elevation line and value; elevation $\pm$ feet*
Base Flood Elevation value where uniform within zone; elevation in feet**

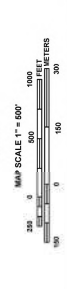
Cross section line
 Transsect line
 Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
 5000-foot ticks: Wisconsin State Plane South Zone (7952 Zone 4803), Lambert Conformal Conic projection
 1000-meter Universal Transverse Mercator grid values, zone 15N
 1190000 FT
 49° 00' N
 92° 00' 00" W

00023.00 X
* M1.5
Storch man (see explanation in Notes to Users section of this FIRM
panel)
Silver White
MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
September 26, 2006

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

To determine if flood insurance is available in this community, contact your insurance agent. Five community maps indicate whether you're in a countywide mapping, refer to the Community Map history table located in the Flood Insurance Study report for this jurisdiction.

[illegible][illegible]

OTHER AREAS

Areas determined to be at least the 0.2% annual chance floodplain, in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

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 - - - Floodway boundary
 - - - Zone D boundary
 CHMS and CPA boundary

Base Flood Elevation line and value; elevation in feet*

Base Flood Elevation value where uniform within zone; elevation in feet*

*referenced to the National Geodetic Vertical Datum of 1929

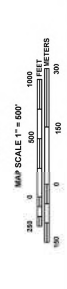
Cross section line
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Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
3000-foot ticks: Wisconsin State Plane South Zone (79S Zone 4803), Lambert Conformal Conic projection
1000-meter Universal Transverse Mercator grid values, zone 15N

00023.00 X
* M1.5
Storch man (see explanation in Notes to Users section of this FIRM
panel)
Silver White
MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
September 26, 2006

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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NATIONAL FLOOD INSURANCE PROGRAM	PANEL 0009E	FIRM	FLOOD INSURANCE RATE MAP MILWAUKEE COUNTY, WISCONSIN AND INCORPORATED AREAS	PANEL 68 OF 300 (SEE MAP INDEX FOR FIRM PANEL/LOT)	<table border="1"> <thead> <tr> <th>COMMUNITIES</th> <th>NUMBER</th> <th>PANEL</th> <th>VALUES</th> </tr> </thead> <tbody> <tr> <td>MILWAUKEE, CITY OF</td> <td>5000</td> <td>E</td> <td>5000</td> </tr> <tr> <td>WATKINS, CITY OF</td> <td>5000</td> <td>E</td> <td>5000</td> </tr> <tr> <td>WEST ALIS, CITY OF</td> <td>5000</td> <td>E</td> <td>5000</td> </tr> </tbody> </table>	COMMUNITIES	NUMBER	PANEL	VALUES	MILWAUKEE, CITY OF	5000	E	5000	WATKINS, CITY OF	5000	E	5000	WEST ALIS, CITY OF	5000	E	5000	Notice to User: This Map Number shown below identifies the Flood Insurance Rate Map for the Community Number shown should be used for flood insurance applications for the subject community.	MAP NUMBER 55075C009E EFFECTIVE DATE SEPTEMBER 26, 2008		Federal Emergency Management Agency
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WEST ALIS, CITY OF	5000	E	5000																						

