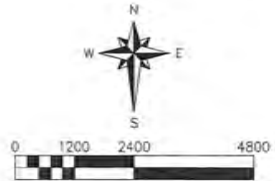


EXHIBIT 1
PLANNING AREA
NORTHEAST NEIGHBORHOOD
CONCEPTUAL STORM WATER PLAN
CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

- LEGEND**
-  PLANNING AREA
 -  MUNICIPAL BOUNDARY
 -  WATERWAY



DATE: MAY, 2007
 © 2007 Copyright Ruckert & Mielke, Inc.



SOURCE:
 BASEMAP SOURCE: DANE COUNTY

01/23/07 11:41am - 01/23/07 01:00pm - 15.00 ft - 0.0000
 01/23/07 11:41am - 01/23/07 01:00pm - 15.00 ft - 0.0000
 01/23/07 11:41am - 01/23/07 01:00pm - 15.00 ft - 0.0000
 01/23/07 11:41am - 01/23/07 01:00pm - 15.00 ft - 0.0000

May 2007 - 10' Scale - PLATTEN 01 - 01.dwg - 3/4" x 11" - 10' Scale
 G:\Users\j1006007\My Documents\107 - 003 - 10' Scale\107 - 003 - 10' Scale.dwg
 DATE: 05/02/07 10:00 AM
 PROJECT: 107 - 003 - 10' Scale
 DRAWN BY: j1006007
 CHECKED BY: j1006007
 PLOTTED BY: j1006007
 PLOT DATE: 05/02/07 10:00 AM
 PLOT SCALE: 1" = 100'

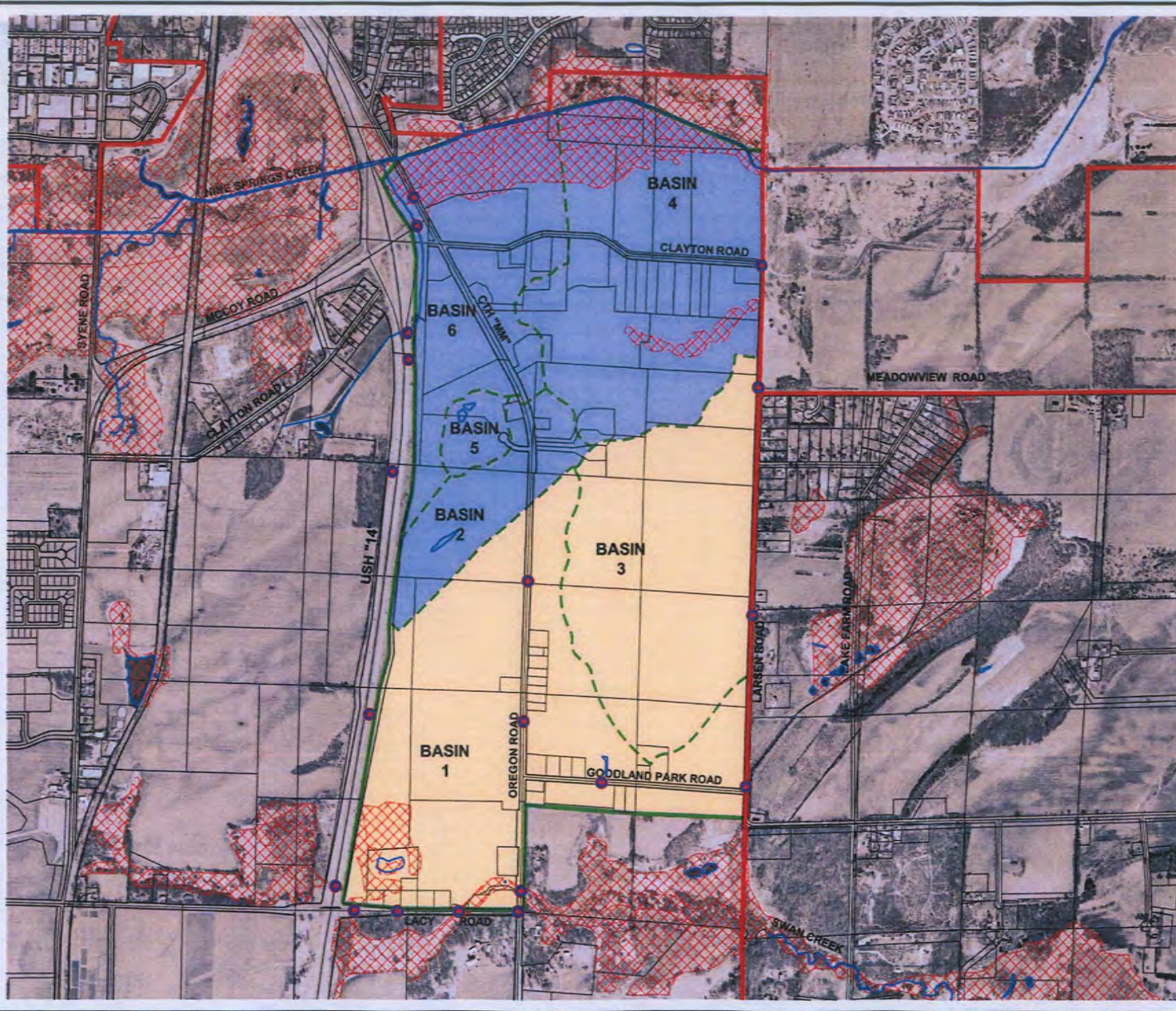


EXHIBIT 3
EXISTING DRAINAGE BASINS
NORTHEAST NEIGHBORHOOD
CONCEPTUAL STORM WATER PLAN

CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

- LEGEND**
- MUNICIPAL BOUNDARY
 - WATERWAY
 - PLAN BOUNDARY
 - - - BASIN DRAINAGE AREA
 - ▤ WETLANDS (WISCONSIN WETLAND INVENTORY)
 - TRIBUTARY TO SWAN CREEK SUB-WATERSHED
 - TRIBUTARY TO NINE SPRINGS CREEK SUB-WATERSHED
 - STORM SEWER OUTFALL LOCATION



DATE: APRIL 13TH, 2007
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SOURCE:
 BASEMAP SOURCE: DANE COUNTY





WETLAND LOCATIONS & OTHER ENVIRONMENTAL FEATURES
 City of Fitchburg NE Neighborhood Plan



EXHIBIT 6

Location
 Parts of Sections 1 & 12, T6N, R9E,
 City of Fitchburg, Dane County, WI

Project Information
 NRC Project Number : 07-002-01
 Modified May 24, 2007

Legend

	Project Location		Estimated Wetland Boundary
	Wm Dane County		Subject to Field Determination and WDNR/SURACE Review
	24k Hydro Layer		300ft Wetland Buffer
	4 Foot Countours		100ft Wetland Buffer
	75ft Wetland Buffer		Dunelin
			Oak Forest
			Pine Forest

NRC
 Natural Resources Consulting Inc.
 119 South Main Street
 P.O. Box 128
 Cottage Grove, WI 53527-0128
 phone: 608-439-1998
 fax: 608-439-1995
 www.nrc-inc.net

NOTES TO USERS

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

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or Floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Elevation Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIS. Users should be aware that BFEs shown on the FIS represent a rating purpose only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be used in conjunction with the FIS for purposes of construction and/or floodplain management.

Crestal Base Flood Elevations shown on this map apply only to individual 0.1 North American Vertical Datum of 1988 (NAVD 88). Users of this FIS should be aware that crestal flood elevations are also presented in the Summary of Elevation Data tables in the Flood Insurance Study report for the jurisdiction. Elevations shown in the Summary of Elevation Data tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on the FIS.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic computations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

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.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The horizontal datum was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FISs, for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIS.

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

NGS Information Services
NOAA, NWS-512
National Geospatial Survey
5200-C, 80502
1315 East-West Highway
Silver Spring, MD 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 Geospatial Survey at (301) 733-2442, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIS was derived from the National Aeronautics and Space Administration's (NASA) digital orthorectified (DO) imagery, Farm Service Agency at a resolution of 1 meter and collected during the summer of 2005.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIS for this jurisdiction. The floodways and floodways that were transferred from the previous FIS may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report which contain authoritative hydraulic data may reflect stream channel distances that differ from what is shown on this map.

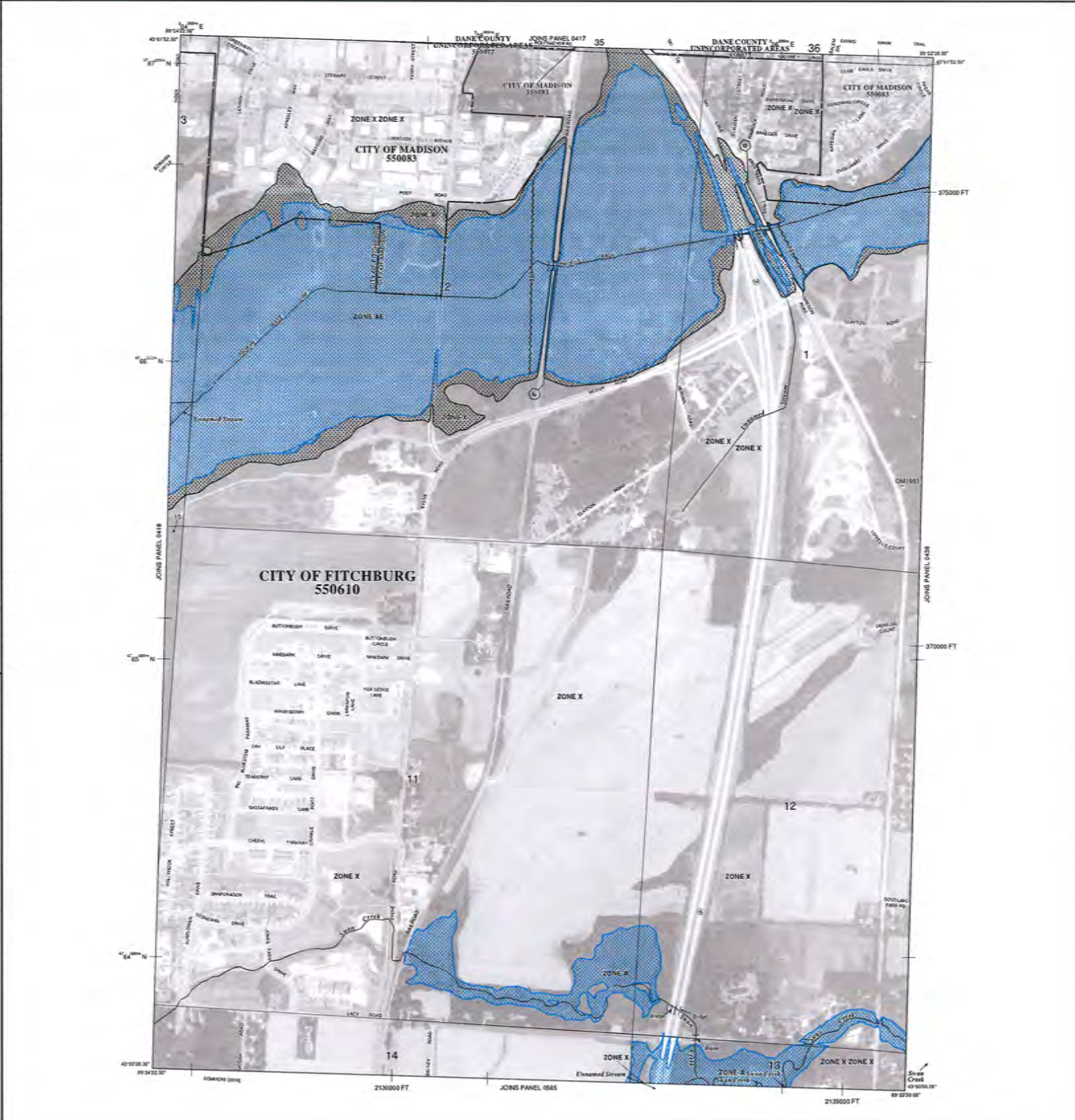
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels, community map preparator 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 FIS. 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 1-800-558-9620 and its website at <http://www.nrc.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>.

**PRELIMINARY
PLANS**



LEGEND

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

The 1% annual chance flood (200-year flood), also known as the base flood, is the flood that has a 1% chance of being equalled 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 Zone A, AE, AH, AO, AR, A99, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevation determined.

ZONE AE Base Flood Elevation determined.

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

ZONE AO Flood depths of 1 to 3 feet (areas that flow on existing roads); average depths determined; the areas of shallow flooding within the floodway are also shown.

ZONE AR Special Flood Hazard Area formed primarily from the 1% annual chance flood by a flood control system that does not completely divert the flood. Zone AR indicates that the former flood control system is being provided to provide protection from the 1% annual chance or greater flood.

ZONE A99 Area to be protected from the 1% annual chance flood by a natural flood protection system under construction on Base Flood Elevation determined.

ZONE VE Areas with velocity hazard (wave action); No Base Flood Elevation determined.

ZONE VV Coastal flood zone with velocity hazard (wave action); Base Flood Elevation 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 encumbrance 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 average flow less than 1 cubic foot per second, and areas protected by the 1% annual chance flood.

OTHER AREAS

ZONE B Areas determined to be outside the 0.2% annual chance floodway; areas in which flood hazards are uncommon and avoided.

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 flood boundary
0.2% annual chance flood boundary
Floodway boundary
Zone B boundary
CBRS and OPA boundary
Boundary showing Special Flood Hazard Areas of adjacent FISs
Base Flood Elevation line and water elevation in feet
Base Flood Elevation value where within water control structure or wall
Referenced to the North American Vertical Datum of 1988 (NAVD 88)
Cross section line
Truncated
Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
1983-meter Universal Transverse Mercator grid (zone 16)
6000000 FT
1983-foot grid (zone 16) elevation. State plane coordinate system, north zone (FIPS ZONE 16N) Lambert Conformal Conic
Dashed line
Bench mark (see explanation in notes to data section of the FIS report)
M.S.1
MAP REVISIONS
Refer to Map Revisions list on Map Index
EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map update history prior to month(s) beginning with the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in the community, contact your insurance agent or call the National Flood Insurance Program at 1-800-438-6242.

MAP SCALE 1" = 500'

0 100 200 300 400 500 FEET
0 100 200 300 400 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0419G

FIRM FLOOD INSURANCE RATE MAP

DANE COUNTY, WISCONSIN AND INCORPORATED AREAS

PANEL 419 OF 845
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	MAP PANEL	DATE
DANE COUNTY	0417	10/15/05
INCORPORATED AREAS	0418	10/15/05
FITCHBURG, CITY OF	0419	10/15/05
MADISON, CITY OF	0416	10/15/05

MAP REVISIONS
Refer to Map Revisions list on Map Index

MAP NUMBER 50025C0419G
MAP REVISED

Federal Emergency Management Agency

EXHIBIT 7A

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 historical drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or Floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Elevation Data tables contained within the Flood Insurance Study (FIS) report that accompanies the FIS. Users should be aware that BFEs shown on the FIS represent notified elevations. These BFEs are intended for flood-resistant building purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIS for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only to landward of 1/2 North American Vertical Datum of 1988 (NAVD 88). Users of this Flood Insurance Study should be aware that coastal flood elevations are also provided in the Summary of Elevation Data tables in the Flood Insurance Study report for the jurisdiction. Elevations shown in the Summary of Elevation Data tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on the FIS.

Boundaries of floodways were computed at cross sections and interpolated between cross sections. The floodway walls based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway walls and other defined floodway data are provided in the Flood Insurance Study report for this jurisdiction.

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.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 16. The horizontal datum was NAD83, GRS-1980 adjusted. Differences in datum, uncorrected projection or UTM zones used in the production of FISs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIS.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. 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
NGA, NNGS-12
National Geodetic Survey
SSM-C, #202
1315 East-West Highway
Silver Spring, MD 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 (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIS was derived from the National Agriculture Imagery Program's (NAIP) digital orthorectified imagery produced by the USDA, Farm Service Agency at a resolution of 1 meter and collected during the summer of 2005.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIS for this jurisdiction. The floodways and floodways that were transferred from the previous FIS may have been updated to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report which contain authoritative hydraulic data may reflect stream channel distances that differ from what is shown on this map.

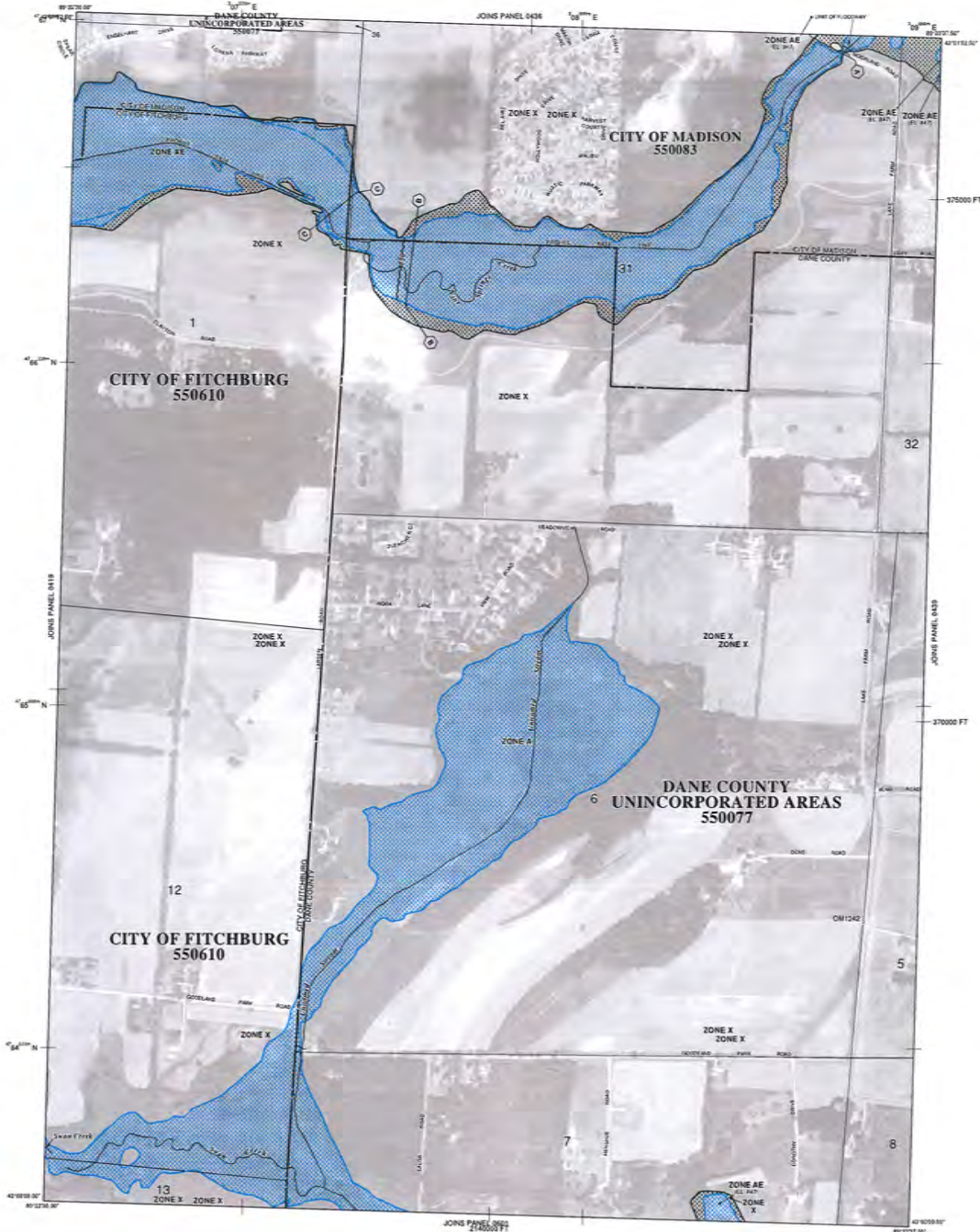
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred since this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository address; and a listing of Communities with 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 1-800-358-6181 for information on available products associated with this FIS. 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 1-800-358-5620 and its website at <http://www.msc.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>.

**PRELIMINARY
PLANS**



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INSURANCE BY THE NATIONAL FLOOD INSURANCE PROGRAM

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 Zone A, AE, AH, AO, AV, X, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

ZONE A Areas not in Special Flood Hazard Areas are not subject to insurance by the National Flood Insurance Program.

ZONE AE Areas in which flood depths of 1 to 3 feet (locally over flow on existing levees) average depths determined. For areas of unusual flow standing water is determined.

ZONE AO Areas in which flood depths of 1 to 3 feet (locally over flow on existing levees) average depths determined. For areas of unusual flow standing water is determined.

ZONE AH Areas in which flood depths of 1 to 3 feet (locally over flow on existing levees) average depths determined. For areas of unusual flow standing water is determined.

ZONE AV Areas in which flood depths of 1 to 3 feet (locally over flow on existing levees) average depths determined. For areas of unusual flow standing water is determined.

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

COASTAL FLOOD ZONE WITH VELOCITY HAZARD (WAVE ACTION) Base Flood Elevation determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream and any adjacent floodplain areas that must be kept free of encumbrances 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 average areas less than 1 square mile, and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE D Areas determined to be within the 0.2% annual chance floodway.

ZONE D Areas in which flood depths are determined, but unable.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPA)

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

1% annual chance flood boundary
0.2% annual chance flood boundary
Floodway boundary
Zone D boundary
CBRS and OPA boundary

Boundary showing Special Flood Hazard Areas of different Base Flood Elevation, flood depths or flood velocities.
Base Flood Elevation (in feet and water elevation in feet)
Base Flood Elevation value where stream within zone X elevation in feet

BOUNDARY TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

Cross section line

TRANSIT LINE

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
1000-foot Universal Transverse Mercator grid, zone 16
1000-foot grid, UTM
State Plane coordinate system, north zone (FIPS 5003) NAD83 Lambert Conformal Conic

MAP REVISIONS

Date in Map Index for all Map Index

EFFECTIVE DATE OF COUNTY-WIDE FLOOD INSURANCE RATE MAP

EFFECTIVE DATE OF REVISIONS TO THIS PANEL

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

The information on flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-358-6181.

MAP SCALE 1" = 500'

0 50 100 150 200 FEET
0 50 100 150 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0438G

FIRM FLOOD INSURANCE RATE MAP

DANE COUNTY, WISCONSIN AND INCORPORATED AREAS

PANEL 438 OF 845
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COUNTY	SUMMER	PANEL	SHEET
DANE COUNTY	CONSERVATION	0438G	438 G
FITCHBURG, CITY OF	0438G	438 G	
MADISON, CITY OF	0438G	438 G	

Notes to User: This Map Number sheet should be used after studying the index. The Community Number shown in the index should be used on insurance applications for the subject community.

MAP NUMBER 55025C0438G
MAP REVISED

Federal Emergency Management Agency

EXHIBIT 7B

Relative Natural Infiltration
City Fitchburg

Map 1

DRAFT May 2006

F

1,250 Feet

- High
- Medium
- Low
- Undetermined - Highly Variable
- Service Area
- Wetland or Floodplain

This map was derived from relative cumulative scores based on permeability, depth to water table, depth to bedrock, and slope. Soil information was obtained from the Natural Resource Conservation Service (NRCS) national soils data, downloaded 1/25/06. Slope was calculated using the 2000 digital elevation model obtained from the Vermont State Plane. For further details, contact the Dane County Community Analysis & Planning Division at 264-4327.

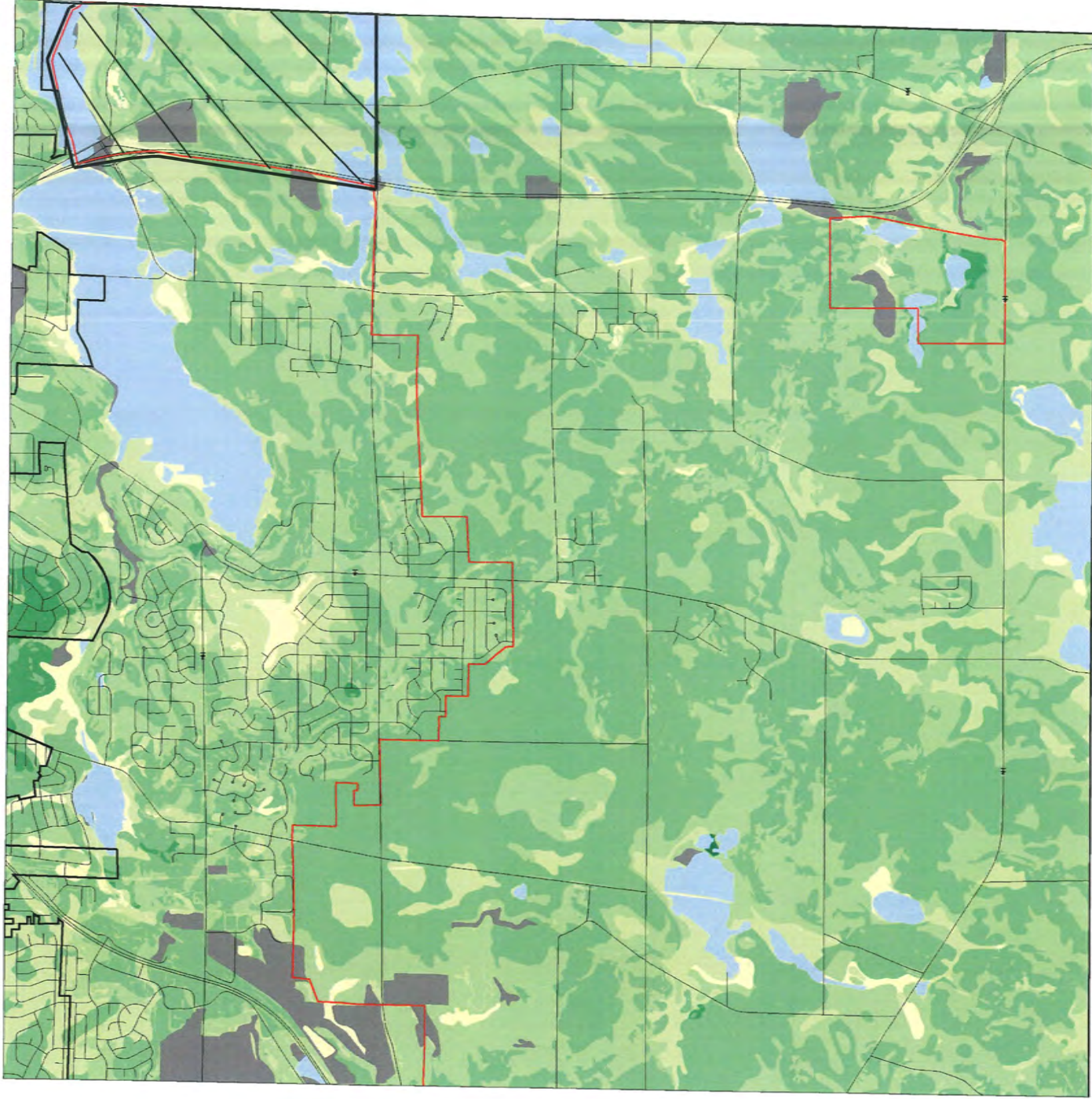


EXHIBIT 8

