

Discovery Report

Milwaukee Watershed, HUC 04040003

Village of Adell, Village of Bayside, City of Brookfield, Village of Brown Deer, Village of Butler, Village of Campbellsport, Village of Cascade, City of Cedarburg, City of Cudahy, Village of Elm Grove, Village of Fox Point, Village of Fredonia, Village of Germantown, City of Glendale, Village of Grafton, Village of Greendale, City of Greenfield, Village of Jackson, Village of Kewaskum, Village of Lomira, Village of Menomonee Falls, City of Mequon, City of Milwaukee, City of New Berlin, Village of Newburg, City of Port Washington, Village of Random Lake, Village of Richfield, Village of River Hills, Village of Saukville, Village of Shorewood, Village of Slinger City of St. Francis, Village of Thiensville, City of Wauwatosa, City of West Allis, City of West Bend, Village of West Milwaukee, Village of Whitefish Bay, Dodge County, Fond du Lac County, Milwaukee County, Sheboygan County, Ozaukee County, Washington County, Waukesha County, WI

05/16/2012



FEMA

Table of Contents

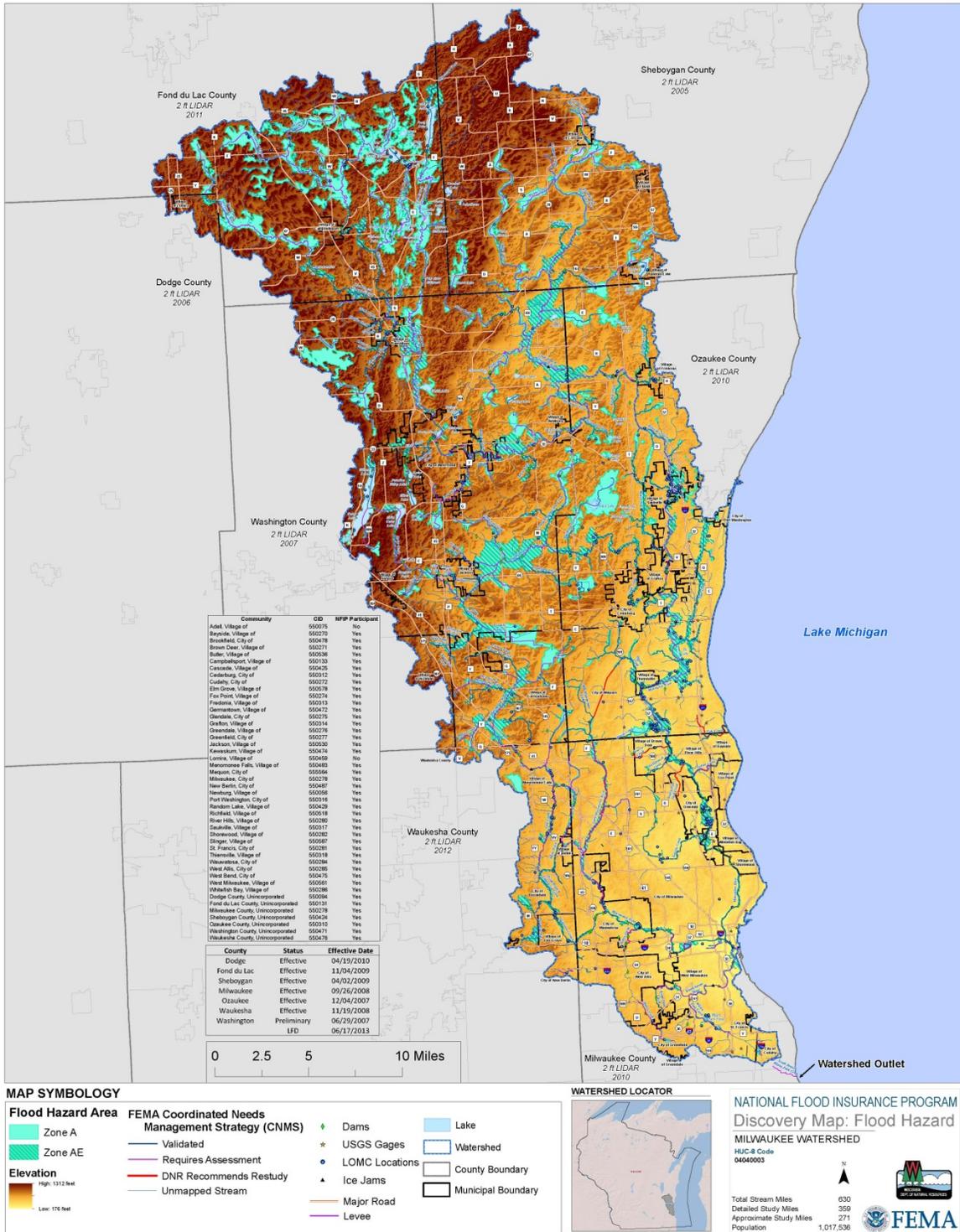
I. General Information.....	1
<i>Figure 1. Milwaukee Watershed Map.....</i>	<i>2</i>
<i>Table 1. NFIP Participation Status and Population.....</i>	<i>3</i>
II. Watershed Stakeholder Coordination.....	5
III. Data Analysis.....	7
<i>Table 2. Data Collection for the Milwaukee Watershed.....</i>	<i>7</i>
i. <i>Data that can be used for Flood Risk Products</i>	<i>8</i>
<i>Table 3. LiDAR Status for Counties within the Milwaukee Watershed</i>	<i>8</i>
<i>Table 4. USGS Stream Gages.....</i>	<i>8</i>
ii. <i>Other Data and Information.....</i>	<i>9</i>
<i>Table 5. HMPs: Status and Availability.....</i>	<i>9</i>
<i>Table 6. Levees.....</i>	<i>10</i>
<i>Figure 2. Milwaukee Watershed Communities Population 2010.....</i>	<i>11</i>
<i>Table 7. Recent CACs.....</i>	<i>12</i>
<i>Table 8. Recent CAVs.....</i>	<i>13</i>
<i>Table 9. Digital Flood Insurance Rate Map Status.....</i>	<i>13</i>
<i>Table 10. Previous CCO Meetings.....</i>	<i>14</i>
IV. Risk MAP Needs and Recommendations.....	15
i. <i>Floodplain Studies</i>	<i>15</i>
<i>Table 11. Mapping Needs in Watershed</i>	<i>16</i>
<i>Figure 3. Milwaukee Discovery Proposed Scope of Work</i>	<i>18</i>
ii. <i>Mitigation Projects.....</i>	<i>19</i>
<i>Table 12. Mitigation Projects.....</i>	<i>19</i>
V. Bibliography.....	21
VI. Appendix A: Project Team Contact Information	
VII. Appendix B: Discovery Meeting Invitation	
VIII. Appendix C: Discovery Meeting Attendance List	
IX. Appendix D: Discovery Meeting Comment Forms	
IX. Appendix E: Discovery Maps	

I. General Information

The Milwaukee River Watershed, HUC 04040003, is located in southeastern Wisconsin and covers portions of Dodge, Fond du Lac, Milwaukee, Sheboygan, Ozaukee, Washington and Waukesha counties. The Milwaukee River Basin drains over 879 square miles into Lake Michigan through the South Branch Wilson Park Creek watershed outlet. Major streams which comprise the Milwaukee Watershed include Cedar Creek, Menominee River, Kinnickinnic River, East Branch Milwaukee River, North Branch Milwaukee River and Milwaukee River. The watershed also has 35 miles of Lake Michigan shoreline and over 60 named lakes.

The Milwaukee River originates in southeastern Fond du Lac County and flows southeasterly through such cities as West Bend, Mequon, Glendale and Milwaukee. The watershed has a population of just over one million people, with the southern third of the watershed being the most densely populated.

Figure 1. Milwaukee Watershed map



There are 39 communities that lie either entirely or partially within the Milwaukee Watershed in Wisconsin and are listed with their populations from the US Census Bureau in Table 1 (U.S. Census Bureau, 2010).

Table 1. NFIP Participation Status and Population

County	Name	Population (2010)	NFIP Participation
Dodge	Dodge County	88,759	Y
Dodge/Fond du Lac	Lomira (Village)	2,430	N
Fond du Lac	Campbellsport (Village)	2,016	Y
	Fond du Lac County	101,633	Y
Fond du Lac/Washington	Kewaskum (Village)	4,004	Y
Milwaukee	Brown Deer (Village)	11,999	Y
	Cudahy (City)	18,267	Y
	Fox Point (Village)	6,701	Y
	Glendale (City)	12,872	Y
	Greendale (Village)	14,046	Y
	Greenfield (City)	36,720	Y
	Milwaukee County	947,735	Y
	River Hills (Village)	1,597	Y
	Shorewood (Village)	13,162	Y
	St. Francis (City)	9,365	Y
	Wauwatosa (City)	46,396	Y
	West Allis (City)	60,411	Y
	West Milwaukee (Village)	4,206	Y
	Whitefish Bay (Village)	14,110	Y
Milwaukee/Ozaukee	Bayside (Village)	4,389	Y
Ozaukee	Cedarburg (City)	11,412	Y
	Fredonia (Village)	2,160	Y
	Grafton (Village)	11,459	Y
	Mequon (City)	23,132	Y
	Ozaukee County	86,395	Y
	Port Washington (City)	11,250	Y
	Saukville (Village)	4,451	Y

	Thiensville (Village)	3,235	Y
Milwaukee/Washington/Waukesha	Milwaukee (City)	594,833	Y
Sheboygan	Adell (Village)	516	N
	Cascade (Village)	709	Y
	Random Lake (Village)	1,594	Y
	Sheboygan County	115,507	Y
Ozaukee/Washington	Newburg (Village)	1,254	Y
Washington	Germantown (Village)	19,749	Y
	Jackson (Village)	6,753	Y
	Richfield (Village)	11,300	Y
	Slinger (Village)	5,068	Y
	Washington County	131,887	Y
	West Bend (City)	31,078	Y
Waukesha	Brookfield (City)	37,920	Y
	Butler (Village)	1,841	Y
	Elm Grove (Village)	5,934	Y
	Menomonee Falls (Village)	35,626	Y
	New Berlin (City)	39,584	Y
	Waukesha County	389,891	Y

II. Watershed Stakeholder Coordination

The Discovery phase included an investigation of existing terrain, flood hazard data, and flood risk data for development of an initial Discovery map, and detailed data collection to refine the Discovery map which was prepared by the Wisconsin Department of Natural Resources (WDNR). Watershed coordination meetings with community, state, and federal officials were held May 16, 2013, to share information concerning the watershed and its stakeholders.

The Milwaukee Watershed Stakeholder Coordination phase of Discovery was initiated through e-mail contact two months prior to the Discovery Meeting. A contacts database was developed from municipality's websites and the League of Wisconsin Municipalities Directory of City and Village Officials. After e-mail confirmation, this contacts database became the basis for the Discovery meeting invitation list.

Approximately four weeks prior to the meetings, WDNR mailed letters to all invited stakeholders providing a background of the Risk MAP program and an invitation to attend; a brief follow-up email was sent to all invitees. Stakeholders include the CEO of each community as well as the Zoning Administrator, Director of Public Works, City Engineers, County LIO and County Emergency Management and other key organizations such as Southeastern Wisconsin Regional Planning Commission (SEWRPC), Natural Resources Conservation Service (NRCS), U. S. Army Corps of Engineers (USACE) and the Flood Hazard Mitigation Team members. An example of the invitation is available in *Appendix B*.

The Discovery Meetings were hosted by the WDNR and were held at the following places, dates, and times:

Thursday, May 16, 2013, 10:00 AM
Radisson North Shore, Rm Venice I
7065 N. Port Washington Road
Glendale, WI

Thursday, May 16, 2013, 3:00 PM
Public Agency Center, Rm 3224
333 East Washington Street
West Bend, WI

A total of 47 community stakeholders attended the meeting (see *Appendix C*). Each Discovery meeting lasted approximately 1.5 hours in length and consisted of introductions of the WDNR and Wisconsin Emergency Management staff. The list of DNR contacts for this watershed project can be found under *Appendix A*.

Presentations were given describing Risk MAP program goals and objectives, the Discovery meeting goals and objectives, the timeline moving forward, flood risk assessment products, and hazard mitigation projects, plans, grants and opportunities.

For the break-out session, stakeholders were invited to complete comment forms that included their contact information and any recommended areas for mitigation or other comments. Multiple Discovery Maps were available for attendees to also write on so the exact location of comments could be pinpointed. The comment forms submitted by meeting attendees can be found in *Appendix D*.

Communities were instructed to provide comments regarding the following:

- Flood mitigation projects completed or planned
- Technical data or studies that the community needs to help with mitigation projects.
- Inaccurate floodplain boundaries;
- Stream reaches where the effective study does not show existing conditions;
- Areas of development or new development in planning that could impact the watershed;
- Areas of frequent flooding, especially road closures/overtopped roads;
- Locations of new bridges, culverts, channel realignments;
- Streams where more detailed study data is needed; and
- Locations of observed ice jams.

An additional comment period was made available for stakeholders unable to attend a meeting and those comments were accepted until June 5, 2013, although some later comments were still incorporated. The presentations, maps and comment forms can be found on the WDNR website at <http://dnr.wi.gov/topic/floodplains/riskmap.html>.

Attendees at the Discovery Meetings submitted 58 comments concerning the Milwaukee Watershed, with another 29 comments provided afterwards during the two-week comment period. In addition, SEWRPC provided their projects list with of all the streams they have plans to study or have already studied.

After the meetings, a proposed scope of work was developed and the Discovery Maps were edited to include the location of community comments. Feature classes were created from the community-supplied comments. The maps along with comment descriptions were posted on the WDNR website. Communities were given additional time to weigh in on the proposed scope of work. WDNR then considered any additional comments according to the ranking method and stream reaches were then confirmed for the final scope of work.

III. Data Analysis

Prior to the meetings, as part of the Discovery process, available existing data for the Milwaukee Watershed was identified and when applicable, displayed on the Discovery map. A list of the data collected, the deliverable or product in which the data are included and the source of the data are provided in Table 2. This information was discussed at the Discovery meetings.

Table 2. Data Collection for Milwaukee Watershed

Data Types	Description	Source	Deliverable
Community Boundaries	Location of municipal boundaries	Wisconsin Department of Transportation	Discovery Map; Geodatabase
Community Comments	Points based on comments made at Discovery Meetings	Discovery	Discovery Map; Geodatabase
Coordinated Needs Management Strategy (CNMS)	Engineering study needs as defined by Phase 3 CNMS data	Region V CNMS inventory	Discovery Map; Geodatabase
County Boundaries	Location of county boundaries	USGS Topographic Maps	Discovery Map; Geodatabase
Dams	Location of dams	WDNR Inventory	Discovery Map; Geodatabase
Streams and Rivers	Streams included in the EPA 303(d) list of impaired streams	USGS Topographic Maps	Discovery Map; Geodatabase
FEMA Risk Ranking	Risk Ranking based on FEMA's 10 risk factors and population density (shown by Census Block Groups)	FEMA Risk MAP (Mapping, Assessment, and Planning)	Discovery Map; Geodatabase
Ice Jams	Location of ice jams	U.S. Army Corps of Engineers - Ice Jam Database	Discovery Map; Geodatabase
Letters of Map Change	Locations of letters of map change	FEMA Mapping Information Platform Database	Discovery Map; Geodatabase
Major Roads	Location of interstates and major highways	Wisconsin Department of Transportation	Discovery Map; Geodatabase
Special Flood Hazard Areas	Location of FEMA flood hazard areas	FEMA Digital Flood Insurance Rate Maps	Discovery Map; Geodatabase
Stream Gages	Location of stream gages operated by multiple agencies	USGS, National Weather Service - Advanced Hydrologic Prediction Service	Discovery Map; Geodatabase

Study Requests	Study requests taken from CNMS and local officials at Discovery meetings.	Discovery, Region V CNMS inventory	Discovery Map; Geodatabase
Watershed Boundaries	Hydrologic Unit Code-8, watershed boundaries	USGS National Hydrography Dataset	Discovery Map; Geodatabase

i. Data for FEMA Flood Risk Products

Topographic Data

Fond du Lac, Milwaukee and Waukesha counties acquired countywide LiDAR through a Community Development Block Grant (CDBG) as a result of severe flooding in 2008. This CDBG data is available to use for study and mapping purposes and has a vertical accuracy of 2 feet. The remaining counties of Dodge, Ozaukee, Sheboygan and Washington also have LiDAR data we can use for this project. Two additional communities, the Cities of Mequon and West Bend, have 1-foot vertically accurate LiDAR data. Milwaukee County will be acquiring new LiDAR data over the course of 2013 that they offered to share with us. We use the bare earth return points from the LiDAR dataset to create terrain data for the hydrologic, hydraulic and mapping processes.

Table 3. LiDAR Acquisition Dates

Community	Date Acquired
Dodge County	2006
Fond du Lac County	2011
Milwaukee County	2010; 2015 (projected)
Ozaukee County	2010
City of Mequon & Village of Thiensville	2010
Sheboygan County	2005
Washington County	2007
City of West Bend	2007
Waukesha County	2012

USGS Gages

The project team identified USGS stream gages in the watershed. The locations of the gages are shown on the Discovery map and listed below in Table 4.

Table 4. USGS Stream Gages

Gage Number	Station Name and Location
4086150	Milwaukee River At Kewaskum, WI
4086200	East Branch Milwaukee River At New Fane, WI
4086310	Mink Creek At County Trunk Hwy S Near Beechwood, WI
4086340	North Branch Milwaukee River Near Fillmore, WI
4086360	Milwaukee River At Waubeka, WI
4086400	Milwaukee River Tributary Nr Fredonia, WI

4086500	Cedar Creek Near Cedarburg, WI
4086600	Milwaukee River Near Cedarburg, WI
4087000	Milwaukee River At Milwaukee, WI
4087030	Menomonee River At Menomonee Falls, WI
4087050	Little Menomonee River Near Freistadt, WI
4087060	Noyes Creek At Milwaukee, WI
4087088	Underwood Creek At Wauwatosa, WI
4087100	Honey Creek At Milwaukee, WI
4087120	Menomonee River At Wauwatosa, WI
40871473	Wilson Park Creek @ Gmia Infall At Milwaukee, WI
40871476	Holmes Ave Ck Trb @ Gmia Outfall #1 @ Milwaukee, WI
40871488	Wilson Park Ck @ St. Lukes Hospital @ Milwaukee, WI
4087159	Kinnickinnic River @ S. 11Th Street @ Milwaukee, WI
4087160	Kinnickinnic River At Milwaukee, WI

ii. Other Data and Information

Mitigation Plans/Status, Mitigation Projects

Hazard Mitigation Plans (HMPs) are prepared for unincorporated and incorporated communities to help them reduce long-term risk to life and property from natural hazards. The plans include comprehensive mitigation strategies intended to promote flood-resilient communities. The project team reviewed the mitigation strategies in available HMPs to determine which, if any, were relevant for the Discovery process. Table 5 lists the HMPs, their status and availability for review.

Table 5. HMPs: Status and Availability

County	HMP	Hazus	Issue Date	Expiration Date	Available for Review	Draft in Progress
Dodge	N	Y	March 7, 2007	March 7, 2012	Y	
Fond du Lac	Y	Y	June 22, 2010	June 22, 2015	Y	
Milwaukee Co.	Y	Y	December 28, 2011	December 28, 2016	Y	
Milwaukee, City of	Y	Y	June 11, 2012	June 11, 2017	Y	
Ozaukee	Y	Y	March 18, 2009	March 18, 2014	Y	Y
Sheboygan	Y	Y	November 7, 2008	November 7, 2013	Y	Y
Washington	N	Y	NA	NA	NA	
Waukesha	Y	Y	March 15, 2011	March 15, 2016	Y	

Community Rating System (CRS)

The communities of New Berlin (City), Elm Grove (Village) and Ozaukee County participate in the CRS program. At the Discovery meeting Roxanne Gray, the State Hazard Mitigation Officer, spoke about the CRS program and its benefits to the community as well as its citizens. Given the State of Wisconsin's stricter standards above federal regulations, it seems most communities would qualify for a Class 8 already (out of 10); therefore, the lower the class ranking, the higher the discount off flood insurance premium rates. For example, a Class 1 community would receive a 45% premium discount, while a Class 9 community would receive 5% off. A Class 10 community does not participate in the CRS. (FEMA website, National Flood Insurance Program Community Rating System.)

CNMS and NFIP Mapping Study Needs

There are a total of 630 stream miles mapped with Special Flood Hazard Areas (SFHA) shown on FEMA DFIRMs in the Milwaukee Watershed. Detailed SFHAs account for 359 miles, which was calculated from the Coordinated Needs Management System (CNMS) database. The CNMS database lists whether FEMA thinks each stream is "validated" or "requires assessment" depending on the type and age of study.

Levees

Table 6. Levees

Levee Name	Water Name	Community	Status
Hart Park Levee	Menomonee River	City of Milwaukee	TBD
Valley Park Levee	Menomonee River	City of Milwaukee	TBD

Floodplain Management/Community Assistance Visits (CAVs)

As the state coordinating agency for the National Flood Insurance Program, the Wisconsin Department of Natural Resources conducts Community Assistance Visits (CAVs) and Community Assisted Calls (CACs) as part of their floodplain management programs. A CAV/CAC typically consists of a tour of the floodplain to assess any recent construction activities, a review of the local permitting process, and evaluation of the local floodplain ordinance. A meeting with the local floodplain official is held to discuss the NFIP, the local permitting process, any recent flood events, training opportunities, and any program deficiencies. Tables 7 and 8 list the communities in the watershed and the date of their latest CAV and/or CAC.

Table 7. Recent CACs

CID	Community	CAC Date	Closed Date	Agency
550270	Bayside, Village of	09/11/1995	12/03/2007	STATE
550271	Brown Deer, Village of	09/13/2005	07/11/2012	STATE
550271	Brown Deer, Village of	09/22/1993	12/03/2007	STATE
550425	Cascade, Village of	09/22/1993	12/03/2007	STATE
550578	Elm Grove, Village of	09/11/1995	12/04/2007	STATE
550274	Fox Point, Village of	09/15/1995	12/04/2007	STATE
550472	Germantown, Village of	10/10/2005	03/25/2013	STATE
550472	Germantown, Village of	08/19/1994	12/04/2007	STATE
550314	Grafton, Village of	09/27/1993	12/04/2007	STATE
550276	Greendale, Village of	08/16/1994	12/04/2007	STATE
550277	Greenfield, City of	09/08/1995	12/04/2007	STATE
550474	Kewaskum, Village of	09/15/1995	12/04/2007	STATE
550483	Menomonee Falls, Village of	12/27/1993	12/04/2007	STATE
550278	Milwaukee, City of	10/16/2012		STATE
550310	Ozaukee County	07/09/1993	07/09/1993	STATE
550316	Port Washington, City of	09/27/1993	12/04/2007	STATE
550429	Random Lake, Village of	09/19/1995	12/04/2007	STATE
550518	Richfield, Village of	09/28/2012	03/25/2013	STATE
550280	River Hills, Village of	09/28/1993	12/04/2007	STATE
550424	Sheboygan County	04/13/2011	12/01/2011	STATE
550424	Sheboygan County	09/21/1993	12/04/2007	STATE
550587	Slinger, Village of	12/27/1993	12/04/2007	STATE
550318	Thiensville, Village of	09/26/2005	03/25/2013	STATE
550318	Thiensville, Village of	09/18/1995	12/04/2007	STATE
550471	Washington County	09/08/1995	12/05/2007	STATE
550284	Wauwatosa, City of	09/28/2005	03/25/2013	STATE

Table 8. Recent CAVs

CID	Community	CAV Date	Closed Date	Agency
550270	Bayside, Village of	05/30/1986	05/01/2013	FEMA
550478	Brookfield, City of	05/24/2011		STATE
550478	Brookfield, City of	10/01/2003	07/19/2012	STATE
550478	Brookfield, City of	02/11/1999	07/19/2012	STATE
550478	Brookfield, City of	12/11/1991	12/04/2007	STATE
550271	Brown Deer, Village of	10/02/1997	09/14/2012	STATE
550425	Cascade, Village of	08/02/1994	12/05/2007	STATE
550094	Dodge County	03/17/1992	12/04/2007	STATE
550578	Elm Grove, Village of	08/17/2006	03/25/2013	STATE
550275	Glendale, City of	04/27/2010		STATE
550474	Kewaskum, Village of	08/09/2006		FEMA
550483	Menomonee Falls, Village of	05/19/1992	06/13/1994	STATE
550278	Milwaukee, City of	03/03/2011		STATE
550487	New Berlin, City of	02/01/1995	12/04/2007	STATE
550310	Ozaukee County	08/17/1994	12/04/2007	STATE
550424	Sheboygan County	06/30/1992	12/05/2007	FEMA
550587	Slinger, Village of	04/14/1992	12/05/2007	STATE
550285	West Allis, City of	08/17/1992	12/05/2007	STATE
550475	West Bend, City of	05/08/1992	12/05/2007	STATE

Regulatory Flood Study and Mapping

Countywide Digital Flood Insurance Rate Maps (DFIRMs) are available for all the affected counties except Washington (see Table 9). Washington County's Letter of Final Determination (LFD) is June 17, 2013 and therefore will go effective December 17, 2013. At this moment, the most recent FIS is dated 2010 although Dodge, Washington and Waukesha Counties are scheduled to become effective again in late 2013 and early 2014 as part of the Upper and Lower Rock Watershed RiskMAP Projects. Table 10 has the dates for the previous Scoping and Open House meetings.

Table 9. Digital Flood Insurance Rate Map Status

County	Status	Effective Date
Dodge	Effective	04/19/2010
Fond du Lac	Effective	11/04/2009
Sheboygan	Effective	04/02/2009
Milwaukee	Effective	09/26/2008
Ozaukee	Effective	12/04/2007
Waukesha	Effective	11/19/2008
Washington	LFD	06/17/2013
	Effective	12/17/2013

Table 10. Previous CCO Meeting Dates

County	Meeting Date	Meeting Type/Topic
Dodge	07/10/2007	Scoping Meeting - Countywide
Dodge	01/15/2009	Open House Meeting - Countywide
Dodge	2/1/2011; 2/7/2011	Scoping Meeting - Upper Rock Watershed
Dodge	03/12/2013	Open House Meeting - Upper Rock Watershed
Fond du Lac	07/26/2005	Scoping Meeting - Countywide
Fond du Lac	06/12/2007	Open House Meeting - Countywide
Milwaukee	06/27/2005	Scoping Meeting - Countywide
Milwaukee	12/11/2006	Open House Meeting - Countywide
Ozaukee	12/18/2003; 04/27/2004	Scoping Meeting - Countywide
Ozaukee	04/27/2006	Open House Meeting - Countywide
Sheboygan	07/28/2005	Scoping Meeting - Countywide
Sheboygan	04/10/2007	Open House Meeting - Countywide
Washington	2005	Scoping Meeting - Countywide
Washington	08/16/2007	Open House Meeting - Countywide
Waukesha	10/09/2003	Scoping Meeting - Countywide
Waukesha	03/06/2007	Open House Meeting - Countywide
Waukesha	2/1/2011; 2/7/2011	Scoping Meeting - Lower Rock Watershed
Waukesha	07/29/2013	Open House Meeting - Lower Rock Watershed

IV. Risk MAP Needs and Recommendations

The project team presented the Discovery maps and discussed the results of the data collection and analysis with the watershed stakeholders in detail during the Discovery meetings. With the conclusion of Discovery, this section reflects the results and final conclusions and addresses the currently identified areas of concern and mitigation interest within the Milwaukee watershed that could be addressed with Risk MAP projects for mitigation purposes.

i. Floodplain Studies

While DFIRMs have been produced for all of the counties in the watershed, there are still study and mapping needs, particularly for areas with mitigation needs to reduce repeated flooding. Using CNMS, the WDNR identified prior to the Discovery meetings twelve areas where new or updated studies rank highest in terms of need and risk relative to other locations in the Milwaukee HUC8 watershed. Other information collected through community officials during Discovery was considered in conjunction with the level of concern in preparing the final scope of work. A review of project timelines by SEWRPC was also taken into consideration.

An outcome of the Discovery process is to identify those streams where the communities' flood risk management efforts will most benefit from updated engineering analyses. The final list of streams for study includes both local community identified areas of known flooding issues and WDNR determined areas of concern. The WDNR developed a 6-level ranking method to prioritize streams of concern for inclusion in the final list:

1. Areas of mitigation interest where repeated flooding occurs resulting in loss of property, roads overtopping or essential facilities at-risk.
2. Streams currently mapped as Zone AE where the study has been deemed "Needs Validation" (CNMS).
3. Gaps between detailed studies that are either currently mapped as Zone A or not mapped at all.
4. Streams currently mapped as Zone A where a community request was made to study the reach in detail.
5. Streams currently mapped as Zone A that will be engineered, but remain mapped as Zone A.
6. Streams that are not currently mapped where a community request was made to study the reach in detail.

The finalized list of streams and their current study type (detailed or approximate) that will be studied in detail (assuming funding levels are sufficient) are listed in Table 11 and located on a map in Figure 3.

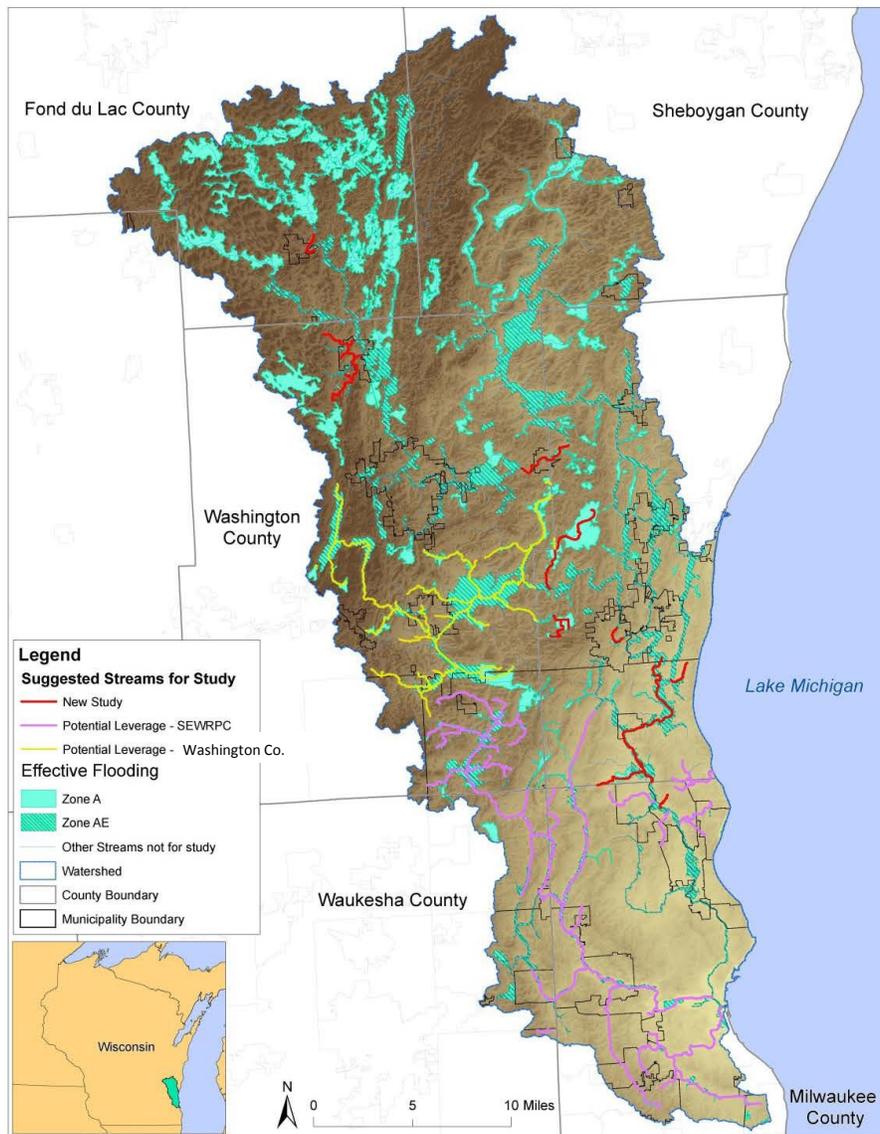
Table 11. Mapping Needs in Milwaukee Watershed

Flooding Source	Study Length (Miles)	Study Type (Current)	Priority	Description
43rd Street Channel	1.16	Not Studied		Potential Leverage from SEWRPC
Beaver Creek	3.27	A		Potential Leverage from SEWRPC
Bonniwell Creek	0.91	AE		Potential Leverage from Mach IV
Brown Deer Park Creek	2.22	Not Studied		Potential Leverage from SEWRPC
Cedar Creek - Cedarburg	1.29	AE		
Cedar Creek - Washington Co.	21.72	AE		Potential Leverage from Mach IV
Cedarburg Creek - Ozaukee Co.	2.34	A		
Cedarburg Creek - Washington Co.	3.2	AE		Potential Leverage from Mach IV
Deer Creek	3.11	AE		Potential Leverage from Mach IV
Dretzka Park Tributary	2.94	A		Potential Leverage from SEWRPC
Edgewood Creek	0.42	AE		
Edgewood Creek Overflow	0.96	AE		
Evergreen Creek	5.67	A		Potential Leverage from Mach IV
Fish Creek	2.13	AE/A		Potential Leverage from SEWRPC
Freiden's Creek	4.53	AE/A		Potential Leverage from Mach IV
Hasmer Creek	1.83	AE/A		Potential Leverage from Mach IV
Honey Creek	1.98	AE		Potential Leverage from SEWRPC
Indian Creek	2.64	AE/A	1	Potential Leverage from SEWRPC
Jackson Creek	0.99	AE		Potential Leverage from Mach IV
Kewaskum Creek	5	AE		
Kewaskum Creek Overflow	0.63	AE		
Kinnickinnic River	7.95	AE		Potential Leverage from SEWRPC
Kressen Branch Cedar Creek	3.55	AE/A		Potential Leverage from Mach IV
Lehner Outlet	2.48	A		Potential Leverage from Mach IV
Little Cedar Creek	8.31	AE/Not Studied		Potential Leverage from Mach IV
Little Menomonee River	11.07	AE/A/Not Studied		Potential Leverage from SEWRPC
Lyons Park Creek	1.53	AE		Potential Leverage from SEWRPC
Menomonee River	30.03	AE		Potential Leverage from SEWRPC
Milwaukee River - Campbellsport	1.5	AE		

Milwaukee River - Newburg	3.58	AE		
Milwaukee River - Mequon/Thiensville	10.17	AE		
Mud Lake Creek	6.47	A		
Nor-X-Way Channel	136	AE		Potential Leverage from SEWRPC
North Branch Cedar Creek	7.47	AE/A		Potential Leverage from Mach IV
North Branch Menomonee River	4.33	AE		Potential Leverage from SEWRPC
North Creek	2.31	AE		
Polk Springs Creek	1.68	Not Studied		Potential Leverage from Mach IV
South Branch Underwood Creek	0.94	AE		Potential Leverage from SEWRPC
Springside Creek	1.3	AE		Potential Leverage from Mach IV
Trib to Cedarburg Creek	0.83	A		
Tribs to Fish Creek (2)	2.48	AE/Not Studied		Potential Leverage from SEWRPC
Trib to Indian Creek	1.67	Not Studied	2	Potential Leverage from SEWRPC
Trib No. 1 to Menomonee River	2.55	AE		Potential Leverage from SEWRPC
Trib No. 1A to Menomonee River	0.76	AE		Potential Leverage from SEWRPC
Trib No. 1B to Menomonee River	0.6	AE		Potential Leverage from SEWRPC
Trib No. 2 to Menomonee River	1.16	AE		Potential Leverage from SEWRPC
Trib No.3 to Menomonee River	0.57	AE		Potential Leverage from SEWRPC
Trib No. 4 to Menomonee River	1.92	AE/A		Potential Leverage from SEWRPC
Trib to Milwaukee River	0.91	Not Studied		
Trinity Creek	2.92	AE/A		
Ulao Creek	1.57	AE		
Underwood Creek	4	AE		Potential Leverage from SEWRPC
UT to West Branch Men. River	2.44	A		Potential Leverage from SEWRPC
Unnamed Stream (17)	12.06	AE/A/Not Studied		Potential Leverage from Mach IV
Villa Mann Creek	0.85	Not Studied		Potential Leverage from SEWRPC
Villa Mann Creek Trib	0.81	Not Studied		Potential Leverage from SEWRPC
West Branch	3.64	AE		Potential Leverage from SEWRPC

Menomonee River				
Willow Creek	2.71	AE		Potential Leverage from SEWRPC
Wilson Park Creek	6.09	AE/A/Not Studied		Potential Leverage from SEWRPC
Woods Creek	0.74	Not Studied		Potential Leverage from SEWRPC
Total	360.89			

Figure 3. Milwaukee Watershed Proposed Scope of Work



ii. Mitigation Projects

At the Discovery meetings, communities were asked to identify locations where mitigation projects could reduce the impacts of flooding and note it on the comment form and maps. Topics of mitigation interest included areas of mitigation success, areas in need of mitigation action to reduce flooding, overtopped roads during flood events, significant riverine erosion and at-risk essential facilities. Table 12 reflects the comments provided by the stakeholders during Discovery.

Table 12. Mitigation Projects

Reporting Community	Subject(s)	Project	Stream Name	Comment Number
Village of Bayside	Area in Need of Mitigation Action to Reduce Flooding; Significant Riverine Erosion	Several homes face potential loss of structure. Already experiencing loss of property.	Fish Creek and Trib; Indian Creek	3 - W
Village of Elm Grove	Areas of Mitigation Success		Dousman Ditch; Underwood Creek	8 - AA
Village of Fox Point	Area in Need of Mitigation Action to Reduce Flooding; Overtopped Road During Flood Events	The Village has significant ravines that are susceptible to high flows, erosion and overtopping of the roads.	Indian Creek	via e-mail (NA)
City of Glendale	Areas of Mitigation Success; Area in Need of Mitigation Action to Reduce Flooding	Sunny Point area includes unregulated dam areas of mitigation work (acquisition). Possible storm water improvements.	Milwaukee River	29 - Y
City of Glendale	Area in Need of Mitigation Action to Reduce Flooding; Overtopped Road During Flood Events	Lincoln Creek restoration work. Roadway overtopping during 2010 floods due to over-banking of Lincoln Creek.	Lincoln Creek	29 - Y
City of Greenfield	Areas of Mitigation Success	City stormsewer and street project has reduced/eliminated flood damage in S 43rd St and W Anthony Dr area.	Honey Creek	7B

City of Greenfield	Area in Need of Mitigation Action to Reduce Flooding; Levee or Dam; Significant Riverine Erosion	The City has recently dredged the Pondview Park Storm Water Basin and has addressed some areas of erosion upstream.	Honey Creek	7C
City of Mequon	Area in Need of Mitigation Action to Reduce Flooding; Overtopped Road During Flood Events	Eleven areas of concern reported.	Milwaukee River and Tribs; Ulao Creek	via e-mail (NA)
Town of Saukville	At-Risk Essential Facilities; Area in Need of Mitigation Action to Reduce Flooding	River corridors/tribs have filled in or eroded causing flooding for residents. Road and culvert washouts.	Indian Creek and Tribs; Brown Deer Park Creek; Trib to Milwaukee River; Fish Creek and Tribs	5 - X
City of West Allis	Area in Need of Mitigation Action to Reduce Flooding	Four areas of significant property damage reported.	Honey Creek	1 - U
Village of West Milwaukee	Area in Need of Mitigation Action to Reduce Flooding; Overtopping Road During Flood Events	Miller Park Way and north of W. Lincoln Ave.	43rd Street Ditch Trib; Kinnickinnic River	via e-mail (NA)
Ozaukee County	Area in Need of Mitigation Action to Reduce Flooding; At-Risk Essential Facilities	Edgewater Drive - recommended for County Park	Milwaukee River	53 - M
Ozaukee County	Area in Need of Mitigation Action to Reduce Flooding; At-Risk Essential Facilities	Rolling Glen Subdivision	Mud Lake Creek	53 -M

V. Bibliography

U.S. Census Bureau, 2010.

http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?_afpt=table

U.S. Environmental Protection Agency, Milwaukee Watershed, last edited June 2012.

https://wiki.epa.gov/watershed2/index.php/Milwaukee_Watershed

FEMA, National Flood Insurance Program Community Rating System.

<http://www.fema.gov/national-flood-insurance-program/national-flood-insurance-program-community-rating-system>

Wisconsin Department of Natural Resources. Milwaukee River Basin, 2013.

<http://dnr.wi.gov/water/basin/milw/>

VI. Appendix A: Project Team Contact Information

Colleen Hermans, GIS Project Lead
Wisconsin DNR – WT/3
101 South Webster Street
P.O. Box 7921
Madison, WI 53707-7921
Colleen.Hermans@Wisconsin.gov
608-264-8988

Tanya Lourigan, P.E., Regional
Engineer- Milwaukee & Ozaukee
Counties
3911 Fish Hatchery Road
Fitchburg, WI 53711
Tanya.Lourigan@Wisconsin.gov
608-275-3287

Meg Galloway, P.E., Section Chief
Wisconsin DNR – WT/3
101 South Webster Street
P.O. Box 7921
Madison, WI 53707-7921
Meg.Galloway@Wisconsin.gov
608-266-7014

Katie McMahan, Program Manager
Wisconsin DNR – WT/3
101 South Webster Street
P.O. Box 7921
Madison, WI 53707-7921
Katie.McMahan@Wisconsin.gov
608-264-9204

Chris Olds, P.E., Engineering Lead
Wisconsin DNR – WT/3
101 South Webster Street
P.O. Box 7921
Madison, WI 53707-7921
Christopher.Olds@Wisconsin.gov
608-266-5606

Michelle Hase, P.E., Regional Engineer-
Fond du Lac, Sheboygan, Washington &
Waukesha Counties
141 NW Barstow St, Room 180
Waukesha, WI 53188
Michelle.Hase@wisconsin.gov
262-574-2127

Rob Davis, P.E., Regional Engineer-
Dodge County
3911 Fish Hatcher Road
Fitchburg, WI 53711
Robert.Davis@Wisconsin.gov
608-275-3316

Gary Heinrichs, Senior
Planner/Insurance Policy Analyst
Wisconsin DNR – WT/3
101 South Webster Street
P.O. Box 7921
Madison, WI 53707-7921
Gary.Heinrichs@Wisconsin.gov
608-266-3093

VII. Appendix B: Discovery Meeting Invitation



April 17, 2013

Name
Title
Street
City, State ZIP

Dear Local Official:

On behalf of FEMA and the Wisconsin Department of Natural Resources (WDNR), we would like to invite you to attend a Discovery meeting on May 16, 2013 to discuss a new project in the Milwaukee watershed. Please plan to attend one of two meetings, whichever works best with your schedule, at 10:00 a.m or 3:00 p.m. (details provided below). As part of FEMA's Risk Mapping, Assessment, and Planning (Risk MAP) program, the WDNR will be working with communities across the Milwaukee watershed to enhance understanding of flood risk and mitigation efforts.

The Discovery process is the first step in determining whether a Risk MAP project is needed within your watershed. The information exchanged between FEMA and the communities within your watershed during Discovery will improve our understanding of your flood hazard mapping, flood risk, mitigation planning, and communication needs. The purpose of this meeting is to:

- Provide an overview of the project;
- Discuss the project scope, including which individual streams may be studied;
- Collect your feedback on the project in order to finalize the scope of work;
- Gather data and study information and;
- Discuss the project timeline.

At the meeting, we will review the flood risk data we have gathered to date, discuss your community's flooding history, development plan, flood risk concerns, storm water and floodplain management activities and other daily operations that impact your flood risk (e.g., cleaning of drainage ditches, culverts).

The meetings will be held as follows:

May 16, 2013 at 10:00 a.m.
Radisson North Shore – Room Venice 1
7065 N. Port Washington Rd.
Glendale, WI

or

May 16, 2013 at 3:00 p.m.
Public Agency Center – Room 3224
333 E. Washington St.
West Bend, WI

We thank you for supporting this effort and encourage you to attend this important meeting, especially as a recent national survey showed that people expect to hear about flood risk from their local officials more than any other individual or organization. Elected officials, as well as floodplain managers, planners, engineers, building department staff, GIS staff and any other representatives you deem appropriate are all invited, and we ask that you pass along a copy of this invitation to whoever you feel should attend the meeting. The partnership between FEMA and your community is vital to our success in identifying flood risks and needs that may exist. To learn more, please contact me at (608) 264-8988 or colleen.hermans@wisconsin.gov. We look forward to seeing you at the meeting.

Sincerely,

Colleen Hermans
GIS Project Lead, Floodplain Management Program
Wisconsin DNR

VIII. Appendix C: Discovery Meeting Attendance List

Risk MAP Meeting Sign In

Date: 5/16/13 Time: 10am

Watershed: Milwaukee County: Glendale State: WI

Please provide us with the following information

Name:	<u>Todd Stuebe</u>
Title:	<u>Dir. of Community Dev</u>
Community:	<u>Glendale</u> Organization / Office:
Telephone:	<u>414-228-1704</u> Email: <u>T.Stuebe@Glendale-wi.org</u>

Name:	<u>Dave Garbman</u>
Title:	<u>Director of City Services</u>
Community:	<u>Glendale</u> Organization / Office:
Telephone:	<u>414 228-1946</u> Email:

Name:	<u>Tom JOHNSON</u>
Title:	<u>ZONING ADM.</u>
Community:	<u>GRAFTON</u> Organization / Office: <u>INSPECTION DEPT</u>
Telephone:	<u>262-375-5305</u> Email: <u>TJOHNSON@VILLAGE.GRAFTON.WI.US</u>

Name:	<u>PATRICK WALKER</u>
Title:	<u>GIS SUPERVISOR</u>
Community:	<u>WEST ALLIS, WI</u> Organization / Office: <u>CITY HALL / IT</u>
Telephone:	<u>414-302-8328</u> Email: <u>PWALKER@CI.WEST-ALLIS.WI.US</u>

Name:	<u>Terrence Tavera</u>
Title:	<u>Sn. Project Engineer</u>
Community:	<u>Thiensville</u> Organization / Office: <u>Ruebert Mielke</u>
Telephone:	<u>262-542-5733</u> Email: <u>ttavera@ruebert-mielke.com</u>

Name:	<u>JAC ZADON</u>
Title:	<u>Assistant P.R. of Community Development</u>
Community:	<u>Mequon</u> Organization / Office: <u>City of Mequon</u>
Telephone:	<u>262 236 2904</u> Email: <u>JZADON@ci.mequon.wi.us</u>

Risk MAP Meeting Sign In

Date: 5/16/13 Time: 10am

Watershed: Milwaukee County: Glendale State: WI

Please provide us with the following information

Name:	<u>Theresa Caven, PE</u>
Title:	<u>Project Engineer</u>
Community:	<u>City of Brookfield</u> Organization / Office: _____
Telephone:	<u>262-783-3547</u> Email: <u>Caven@ci.brookfield.wi.us</u>

Name:	<u>BILL WEHRLEY</u>
Title:	<u>CITY ENGINEER</u>
Community:	<u>WAUWATOSA</u> Organization / Office: _____
Telephone:	<u>414-479-8429</u> Email: <u>wwehrley@wauwatosa.net</u>

Name:	<u>Roxanne Gray</u>
Title:	<u>SHMO</u>
Community:	<u>WEM / State</u> Organization / Office: <u>WEM</u>
Telephone:	<u>608242-3211</u> Email: <u>Roxanne.gray@wi.gov</u>

Name:	<u>Chris Lear</u>
Title:	<u>Village Mgr</u>
Community:	<u>River Hills</u> Organization / Office: _____
Telephone:	<u>414-352-8213</u> Email: <u>clear@vil.river-hills.wi.us</u>

Name:	<u>Dave Faulk</u>
Title:	<u>Senior Project Mgr</u>
Community:	<u>MMSD</u> Organization / Office: <u>MMSD</u>
Telephone:	<u>414-277-6368</u> Email: <u>DFaulk@mmsd.com</u>

Name:	<u>Michael A. West</u>
Title:	<u>Village President</u> <u>MMSD community chair</u>
Community:	<u>Fox Point MMSD</u> Organization / Office: _____
Telephone:	<u>352-2712</u> Email: <u>MWest@csd-eng.com</u>

Risk MAP Meeting Sign In

Date: 5/16/13 Time: 10:00

Watershed: Milwaukee County: out 6/10/13 State: WI

Please provide us with the following information

Name:	<u>Jack Morrison</u>		
Title:	<u>EM Director</u>		
Community:	<u>Saukville</u>	Organization / Office:	<u>Village</u>
Telephone:	<u>262-284 9423</u>	Email:	<u>JMORRISON@VILLAGE.SAUKVILLE.WI.US</u>

Name:	<u>Roy Wilhelm</u>		
Title:	<u>District Engineer</u>		
Community:	<u>Saukville</u>	Organization / Office:	
Telephone:	<u>262 284 9423</u>	Email:	<u>R.WILHELM@VILLAGE.SAUKVILLE.WI.US</u>

Name:	<u>Peter Daniels</u>		
Title:	<u>Principal Engineer</u>		
Community:	<u>West Allis</u>	Organization / Office:	<u>Engineering Dept</u>
Telephone:	<u>414 202-8374</u>	Email:	<u>p.daniels@westallis.wi.gov</u>

Name:	<u>Cindi DeBruine PE, CFM</u>		
Title:	<u>Sr Water Resources Engineer</u>		
Community:	<u>West Milwaukee</u>	Organization / Office:	<u>RASmithNational</u>
Telephone:	<u>262-317-3254</u>	Email:	<u>cindi.debraine@rasmithnational.com</u>

Name:	<u>Tammy Szudy</u>		
Title:	<u>Principal Planner</u>		
Community:	<u>Wauwatosa</u>	Organization / Office:	<u>Development</u>
Telephone:	<u>479-3521</u>	Email:	<u>tszudy@wauwatosa.net</u>

Name:	<u>Matthew Mrochinski</u>		
Title:	<u>Code Administrator</u>		
Community:	<u>Sheboygan County</u>	Organization / Office:	<u>Planning & Conservation</u>
Telephone:	<u>920 459 3060</u>	Email:	<u>matthew.mrochinski@sheboygancounty.com</u>

Risk MAP Meeting Sign In

Date: 5/16/13 Time: 10am

Watershed: Milwaukee River County: Glendale State: WI

Please provide us with the following information

Name:	<u>MIKE HAHN</u>
Title:	<u>CHIEF ENVIRONMENTAL ENGINEER</u>
Community:	<u>SEWRPC</u> Organization / Office: _____
Telephone:	<u>262-547-6722</u> Email: <u>mhahn@sewrpc.org</u> <u>ext. 243</u>

Name:	<u>Maggie Anderson</u>
Title:	<u>Civil Engineer</u>
Community:	<u>Wauwatosa</u> Organization / Office: <u>Engineering</u>
Telephone:	<u>414-479-3444</u> Email: <u>manderson@wauwatosa.net</u>

Name:	<u>Alex Henderson</u>
Title:	<u>Deputy Village Manager</u>
Community:	<u>Bayside</u> Organization / Office: _____
Telephone:	<u>414-351-8812</u> Email: <u>ahenderson@bayside-wi.gov</u>

Name:	<u>Matt Carran</u>
Title:	<u>Dir. of Community Development</u>
Community:	<u>Menomonee Falls</u> Organization / Office: _____
Telephone:	<u>262-532-4274</u> Email: <u>mcarran@menomonee-falls.org</u>

Name:	<u>Kimberly Berginnis</u>
Title:	<u>Disaster Planner</u>
Community:	<u>WEM</u> Organization / Office: _____
Telephone:	<u>608-242-3219</u> Email: <u>Kimberly.Berginnis@wi.gov</u>

Name:	_____
Title:	_____
Community:	_____ Organization / Office: _____
Telephone:	_____ Email: _____

Risk MAP Meeting Sign In

Date: 5/16/13 Time: 10am

Watershed: Milwaukee County: Glendale State: WI

Please provide us with the following information

Name:	<u>Kathryn Fabian</u>		
Title:	<u>Zoning Administrator</u>		
Community:	<u>Sheboygan County</u>	Organization / Office:	<u>Planning + Conservation</u>
Telephone:	<u>(920) 459-3753</u>	Email:	<u>kathryn.fabian@sheboygancounty.com</u>

Name:	<u>Tom Twiza</u>		
Title:	<u>Dir. of Public Works</u>		
Community:	<u>CITY OF CEDARBURG</u>	Organization / Office:	<u>CITY HALL</u>
Telephone:	<u>262-375-7610</u>	Email:	<u>TWIZA @ Ci.CEDARBURG.WI.US</u>

Name:	<u>KURT FREDRICKSON</u>		
Title:	<u>Superintendent of PW.</u>		
Community:	<u>River Hills</u>	Organization / Office:	
Telephone:	<u>414 352-0080</u>	Email:	<u>kfredrick@ci.river-hills.wi.us</u>

Name:	<u>ROGER STROHM</u>		
Title:	<u>Dir of Public Works</u>		
Community:	<u>Fredonia</u>	Organization / Office:	
Telephone:	<u>262-268-0425</u>	Email:	<u>rstrohm@village-fredonia-wi.us</u>

Name:	<u>Collin Johnson</u>		
Title:	<u>Floodplain Administrator</u>		
Community:	<u>City of Glendale</u>	Organization / Office:	
Telephone:	<u>414-228-1711</u>	Email:	<u>cjohnson@glendale-wi.org</u>

Name:			
Title:			
Community:		Organization / Office:	
Telephone:		Email:	

Risk MAP Meeting Sign In

Date: 5/16/13 Time: 10am

Watershed: Milwaukee County: Glendale State: WI

Please provide us with the following information

Name: Casey Griffiths
Title: Zoning & Planning Administrator
Community: Village of Elm Grove Organization / Office: _____
Telephone: 262-782-6700 Email: cgriffiths@elmgrovewi.org

Name: Jeff Tamblyn
Title: Sen. GIS Tech
Community: City of Greenfield Organization / Office: Engineering
Telephone: 414 329 5323 Email: jeff@greenfield.wi.us

Name: Dianne Robertson
Title: Administrator
Community: Thiensville Organization / Office: _____
Telephone: 262-242-3920 Email: drobotson@village.thiensville.wi.us

Name: Van Mobley
Title: President
Community: Thiensville Organization / Office: _____
Telephone: _____ Email: _____

Name: Tom Chapman
Title: Watercourse Section Manager - MMSD
Community: _____ Organization / Office: MMSD
Telephone: 414 225 2154 Email: tchapman@mmsd.com

Name: _____
Title: _____
Community: _____ Organization / Office: _____
Telephone: _____ Email: _____

Risk MAP Meeting Sign In

Date: 05/16/13 Time: 3:00

Watershed: Milwaukee R. County: West Bend State: WI

Please provide us with the following information

Name:	<u>Dave Seils</u>		
Title:	<u>Inspector In Charge</u>		
Community:	<u>Washington Co.</u>	Organization / Office:	<u>Planning + Parks</u>
Telephone:	<u>202 335-4445</u>	Email:	<u>Dave.Seils@co.washington.wi.us</u>

Name:	<u>Judith Neu</u>		
Title:	<u>City Engineer</u>		
Community:	<u>City of West Bend</u>	Organization / Office:	<u>Eng.</u>
Telephone:	<u>262 335-5130</u>	Email:	<u>neu@ci.west-bend.wi.us</u>

Name:	<u>Joyce Giacca</u>		
Title:	<u>Director</u>		
Community:	<u>Dodge County</u>	Organization / Office:	<u>Land Resources + Parks</u>
Telephone:	<u>920-386-3960</u>	Email:	<u>jgiacca@co.dodge.wi.us</u>

Name:	<u>Chad Cook</u>		
Title:	<u>Building Insp / Zoning</u>		
Community:	<u>Kenosha</u>	Organization / Office:	<u>Village of Kenosha</u>
Telephone:	<u>262-626-8181</u>	Email:	<u>ccook@village.kenosha.wi.us</u>

Name:	<u>Benny Sullivan</u>		
Title:	<u>Sanitation and Zoning Specialist</u>		
Community:	<u>Ozaukee County</u>	Organization / Office:	<u>Land + Water Mgmt.</u>
Telephone:	<u>(262) 284-8318</u>	Email:	<u>bsullivan@co.ozaukee.wi.us</u>

Name:	<u>Eric Dankot</u>		
Title:	<u>GIS Manager / LIO</u>		
Community:	<u>Washington County</u>	Organization / Office:	<u>Planning & Parks</u>
Telephone:	<u>262-335-4445</u>	Email:	<u>eric.dankot@co.washington.wi.us</u>

Risk MAP Meeting Sign In

Date: 05/16/13 Time: 3:00

Watershed: Milwaukee R. County: West Bend State: WI

Please provide us with the following information

Name:	<u>Mark Pistorowicz</u>		
Title:	<u>City Planner</u>		
Community:	<u>City of West Bend</u>	Organization / Office:	<u>Dept. of Development</u>
Telephone:	<u>262-335-5122</u>	Email:	<u>pistorowm@ci.west-bend.wi.us</u>

Name:	<u>Shelley Brown Giebel</u>		
Title:	<u>EM Asst Planner</u>		
Community:	<u>Fond du Lac Cty</u>	Organization / Office:	<u>Fdl EM</u>
Telephone:	<u>920 906-4729</u>	Email:	<u>shelley.giebel@fdlco.wi.gov</u>

Name:	<u>Rick J Goeckner</u>		
Title:	<u>Village Administrator / Clerk</u>		
Community:	<u>Newburg</u>	Organization / Office:	
Telephone:	<u>262-675-2160</u>	Email:	<u>rgoekner@village.newburg.wi.us</u>

Name:	<u>Judy Steinert</u>		
Title:	<u>Deputy EM</u>		
Community:	<u>Washington Co</u>	Organization / Office:	
Telephone:	<u>262-306-2200</u>	Email:	<u>judy.steinert@co.washington.wi.us</u>

Name:	<u>MIKE HAHN</u>		
Title:	<u>CHIEF ENVIRONMENTAL ENGINEER</u>		
Community:	<u>SEWRPC</u>	Organization / Office:	
Telephone:	<u>262-547-6722</u> <u>Ext. 243</u>	Email:	<u>mhahn@sewrpc.org</u>

Name:	<u>Phil Gaudet</u>		
Title:	<u>Land Resources Manager</u>		
Community:	<u>Washington Co.</u>	Organization / Office:	<u>Planning & Parks - Land Use</u>
Telephone:	<u>262-335-4445</u>	Email:	<u>Phil.Gaudet@co.washington.wi.us</u>

Risk MAP Meeting Sign In

Date: 05/14/13 Time: 3:00

Watershed: Milwaukee R. County: West Bend State: WI

Please provide us with the following information

Name: JIM MAGGERTY
Title: VILLAGE ENGINEER
Community: VILL OF SLINGER Organization / Office: _____
Telephone: 262-644-5265 Email: jhaggerty@vi.slinger.wi.gov

Name: Genald Schulz
Title: City Bd Supervisor Wash Cty
Community: _____ Organization / Office: _____
Telephone: 262-629-6416 Email: Schulz1@localnet.com

Name: Andy Holschbach
Title: DIRECTOR, LAND & WATER mgmt. Dept
Community: Ozaukee County Organization / Office: _____
Telephone: 262-284-8271 Email: aholschbach@co.ozaukee.wi.us

Name: Scott Schmidt
Title: WASH. CO ENGINEER/SURVEYOR
Community: WASH CO Organization / Office: _____
Telephone: 262-335-6881 Email: scott.schmidt@co.washjhu.wi.us

Name: Pat Twohig
Title: Village President
Community: Campbellsport Organization / Office: _____
Telephone: 920-979-8210 Email: pattwohig@yahoo.com

Name: _____
Title: _____
Community: _____ Organization / Office: _____
Telephone: _____ Email: _____

IIX. Appendix D: Community Comment Forms

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 5/16/13
COUNTY NAME: Milwaukee	COMMUNITY NAME: City West Allis	
NAME: Peter Daniels	TITLE: Principal Engineer	
ADDRESS: 7525 W Greenfield Ave.		
DAYTIME PHONE: (414)302-8374	E-MAIL: pdaniels@westall.wi.gov	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input checked="" type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter U DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

- ① Significant property damage from flooding (83rd St and Arthur Ave)
- ② Significant property damage from flooding (57th St & Mitchell)
- ③ Significant property damage from flooding (83rd & Orchard)
- ④ No dam, Honey Creek is located in MMSD underground culvert
- ⑤ Significant property damage from flooding (G 1st & Burnham)

Milwaukee River Watershed
Comment Form #2

MAP V
WAWWATOSA

Please provide the following information:		DATE: 5/16/13
COUNTY NAME: Milwaukee	COMMUNITY NAME: Wauwatosa	
NAME: Tammy Szudy Bill Wehrley	TITLE: Principal Planner City Engineer	
ADDRESS: 7725 West North Ave		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input checked="" type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input checked="" type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter ✓ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

#1 - many LOMAs North of North Ave since 2008 maps
 #2 - see SEWRPC for updated mapping on Men River
 #3 - are there dam structures? not aware of any

Milwaukee River Watershed Comment Form #3

Please provide the following information:		DATE: 5/16/13
COUNTY NAME: Milwaukee	COMMUNITY NAME: Bayside	
NAME: Alex Anderson	TITLE: Deputy Village Manager	
ADDRESS: 9075 N. Regent Rd. Bayside, WI 53217		
DAYTIME PHONE: (414) 351-8812	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input checked="" type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input checked="" type="checkbox"/> Significant Riverine Erosion	<input checked="" type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter W DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

#1: Examination of Fish Creek both from Mequon as well as impacts from River Hills (west).

Significant Ravine Erosion occurring due to numerous factors - including high volume + velocity. Several homes face potential loss of structure - already experiencing loss of property.

#2: Similar concern regarding Indian Creek - Bayside is tributary + southeast flood mapping is appropriate. SeWRPC info + collaboration may be helpful.

Continue on back side if necessary. Please return form to: Colleen Hermans, Wisconsin DNR, P. O. Box 7921, 101 S. Webster St., WT/3, Madison, WI 53707-7921. Form may be faxed to 608-267-2800 or e-mailed to colleen.hermans@wisconsin.gov.

Milwaukee River Watershed Comment Form #5

Please provide the following information:		DATE:
COUNTY NAME: <u> Milwaukee </u>	COMMUNITY NAME:	
NAME: <u> Chris Lear </u>	TITLE: <u> Village </u>	
ADDRESS: <u> 7650 N. Pleasant Lane Burr Hillg </u>		
DAYTIME PHONE: <u> 414-352-8213 </u>	E-MAIL: <u> clear@mil. </u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input checked="" type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input checked="" type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter X DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

 River corridors/tributaries have filled in or eroded causing flooding for residents. Road washouts of the past/major culvert washouts

Milwaukee River Watershed Comment Form #8

Please provide the following information:		DATE:
COUNTY NAME: <u>Waukesha</u>	COMMUNITY NAME: <u>Elm Grove</u>	
NAME: <u>Casey Griffiths</u>	TITLE: <u>Zoning & Planning Admin</u>	
ADDRESS: <u>13600 Dureau Blvd</u>	<u>Elm Grove, WI 53122</u>	
DAYTIME PHONE: <u>262-780-6649</u>	E-MAIL: <u>cgriffiths@elmgravewi.org</u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input checked="" type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # AA Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Milwaukee River Watershed Comment Form #12

Please provide the following information:		DATE:
COUNTY NAME: <i>Fond du Lac</i>	COMMUNITY NAME:	
NAME: <i>Shelley Boran Gubel</i>	TITLE:	
ADDRESS:		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
---	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

want to see links as a group who couldn't attend

Milwaukee River Watershed Comment Form #13

Please provide the following information:		DATE: <u>5-16-13</u>
COUNTY NAME: <u>Milwaukee</u>	COMMUNITY NAME: <u>Cudahy</u>	
NAME: <u>Mike Hahn</u>	TITLE:	
ADDRESS:		
DAYTIME PHONE: <u>262-547-6722 ext. 243</u>	E-MAIL: <u>mhahn@sewrfpc.org</u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
---	--

Comment Marked On:

Discovery Map Letter BB DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

⑬ In Cudahy, the 'South Branch of Wilson Park Creek' is locally designated as Ebb's Creek and may actually flow to Oak Creek ultimately. I'm not certain about the reach shown d/s of Cudahy, but it may be fully or partially enclosed.

② Two drop structures/dams have been removed.

Milwaukee River Watershed Comment Form #14

Please provide the following information:		DATE: 05-16-2013
COUNTY NAME: Dodge County	COMMUNITY NAME: Dodge County Town Lomira	
NAME: Joyce Liacco	TITLE: Director Land Resources + Parks/LIO	
ADDRESS: 127 E Oak St. Juneau, WI 53039		
DAYTIME PHONE: 920-386-3960	E-MAIL: jliacco@co.dodge.wi.us	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

will return to zoning staff + Emergency Mgt
to see if any issues. I am not aware of any
at this time. JLF

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: <u>May 21, 2013</u>
COUNTY NAME: <u>Dodge</u>	COMMUNITY NAME: <u>Dodge County - T-Lomira</u>	
NAME: <u>Joyce A. Fiacco</u>	TITLE: <u>Director Land Resources & Parks/LIO</u>	
ADDRESS: <u>127 E Oak St Juneau WI 53089</u>		
DAYTIME PHONE: <u>920-386-3960</u>	E-MAIL: <u>jfiacco@co.dodge.wi.us</u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

After further discussion with Joe Siebel, Dodge County Manager Code Administration, Land Resources and Parks Department, Dodge County has no concerns that need to be addressed as part of this study. The Milwaukee River only runs through a small portion of our county and it is in a rural area. Thank you.

Joyce A. Fiacco

Milwaukee River Watershed Comment Form #15

Please provide the following information:		DATE:
COUNTY NAME: Washington Co.	COMMUNITY NAME: Newburg	
NAME: Michelle Hase	TITLE:	
ADDRESS:		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input checked="" type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input checked="" type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
--	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Mke River model appears to be missing @ village of Newburg - even requested it from FEMA and they could not find it.

dam was removed so getting requests for model to update

Milwaukee River Watershed Comment Form #24

Please provide the following information:		DATE: 5/16/13
COUNTY NAME: Village of Thiensville	COMMUNITY NAME: Village of Thiensville	
NAME: Terrence Tavera / Ruckert + Mielke	TITLE: Senior Project Engineer	
ADDRESS: W233 N2080 Ridgeway Pkwy		
DAYTIME PHONE: 262-542-5733	E-MAIL: ttavera@ruckert-mielke.com	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input checked="" type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter B DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

- 1) Milwaukee River through Thiensville. Recent mapping put floodway through middle of existing buildings from South Village boundary to Pigeon Creek and is not reflective of actual conditions and topo. Floodway basically makes buildings unreparable & they do not flood.
- 2) Topo of downtown area along Milwaukee River upstream of Pigeon Creek not accurate. New County topo moves many of the structures including Village Hall out of floodplain.
- 3) Upstream storage in the Pigeon Creek watershed not accounted for in study.

Milwaukee River Watershed Comment Form #26

Please provide the following information:		DATE: <u>5/16/13</u>
COUNTY NAME: <u>OZAUKEE</u>	COMMUNITY NAME: <u>CITY OF CEDARBURG</u>	
NAME: <u>TOM WIZA</u>	TITLE: <u>DIR. OF PUBLIC WORKS</u>	
ADDRESS: <u>W63 N645 WASHINGTON AVE CEDARBURG, WI 53012</u>		
DAYTIME PHONE: <u>262-377-5701</u>	E-MAIL: <u>TWIZA@CI.CEDARBURG.WI.US</u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input checked="" type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input checked="" type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter F DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

FEMA MODEL OF FLOODING ADJACENT TO
BUCK DAM IS INACCURATE.

Milwaukee River Watershed Comment Form #29

Please provide the following information:		DATE: 5/16/13.
COUNTY NAME: Milwaukee	COMMUNITY NAME: City of Glendale	
NAME: Collin Johnson	TITLE: Flood plain Administrator	
ADDRESS: 5909 N. Milwaukee River Pkwy.		
DAYTIME PHONE: 414-228-1211	E-MAIL: c.johnson@glendale-wi.org	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input checked="" type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input checked="" type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input checked="" type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

#1) Sunny Point Area includes unregulated dam, areas of mitigation work (acquisition). Several LOMA's issued in area. Possible stormwater improvements.

#2) Lincoln Creek restoration work. Roadway overtopping during 2010 floods due to over-banking of Lincoln Creek.

#3) Estabrook Dam impacts to upstream flooding. + proposed repairs.

Milwaukee River Watershed Comment Form #38

Please provide the following information:		DATE: 5-16-13
COUNTY NAME: Washington County	COMMUNITY NAME: Sunc	
NAME: Phil Gaudet	TITLE:	
ADDRESS: 333 E. Washington St. ; West Bend, WI .		
DAYTIME PHONE: 262-335-4445	E-MAIL: Phil.Gaudet@co.washington.wi.us	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter J DFIRM Panel # _____ Other _____ #

Please provide any additional information that might be helpful such as names of water bodies or addresses:

- ① A) 3 Dams Removed in City of West Bend
 - Newburg
 - Wooler Mills
 - Young America
- ③ B) 2 DAMS - Lily Road
- ④ C) Jay Road overtopping

Milwaukee River Watershed Comment Form #44

Please provide the following information:		DATE: 5/16/13
COUNTY NAME: <u>Washington</u>	COMMUNITY NAME: <u>City of WB</u>	
NAME: <u>Judith New</u>	TITLE: <u>City Engineer</u>	
ADDRESS: <u>1115 S. main St., West Bend, WI 53095</u>		
DAYTIME PHONE: <u>262-335-5130</u>	E-MAIL: <u>newj@ci.west-bend.wi.us</u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input checked="" type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
--	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

- Ⓐ Dam Removed by DNR, but reach never re-modeled & located NORTH of WB in Town of Barton
- Ⓑ Woolen Mills Dam Removed - the updated profile should already be in DFIRM (w/Dam Removed)

Milwaukee River Watershed Comment Form #45

Please provide the following information:		DATE: <i>5/16/13</i>
COUNTY NAME: <i>Washington</i>	COMMUNITY NAME: <i>City of West Bend</i>	
NAME: <i>Juditha Neu</i>	TITLE: <i>City Engineer</i>	
ADDRESS: <i>1115 S Main Street, West Bend, WI 53095</i>		
DAYTIME PHONE: <i>262-335-5130</i>	E-MAIL: <i>neu.j@ci.west-bend.wi.us</i>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
---	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Creek does not exist → 20 foot hill in this location (carryover from old ~~map~~ erroneous SEWRPC map)

Milwaukee River Watershed Comment Form #49

Please provide the following information:		DATE: 5-16-13
COUNTY NAME: Washington	COMMUNITY NAME: Newburg	
NAME: Rick J Goeckner	TITLE: Village Administrator / Clerk	
ADDRESS: 614 Main PO Box 50		
DAYTIME PHONE: 262-675-2160	E-MAIL: rgoeckner@village.newburg.wi.us	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input checked="" type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input checked="" type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter ✓ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

dam no longer exists - has been removed therefore flood hazard area should probably be reduced

Also, area of Milwaukee River through Newburg has been reclassified as a stream versus river yet in visually viewing, water flow and volume indicates need for additional and further evaluation

Milwaukee River Watershed Comment Form #53

Please provide the following information:		DATE: <u>5/16/13</u>
COUNTY NAME: <u>OSHAUKEE</u>	COMMUNITY NAME: <u>OSHAUKEE Co.</u>	
NAME: <u>ANDY HOLSCHBACH</u>	TITLE: <u>DIRECTOR, LWMD</u>	
ADDRESS: <u>171 W. MAIN ST., PORT WASHINGTON</u>		
DAYTIME PHONE: <u>262-284-8271</u>	E-MAIL: <u>aholschbach@oshaaukee.wi.us</u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter M DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

1 HIGH RISK AREA - EDGEWATER DRIVE - RECOMMEND FOR CO. PARK

2 ROLLEN GLENAL SUBDIVISION - NEED DETAILED STUDY

3 RECOMMEND STUDY

4 SHOULD BE STUDIED

Milwaukee River Watershed Comment Form #57

Please provide the following information:		DATE: <u>5/16/13</u>
COUNTY NAME: <u>Fond du lac</u>	COMMUNITY NAME: <u>Campbellsport</u>	
NAME: <u>Pat Twohig</u>	TITLE: <u>Village President</u>	
ADDRESS: <u>329 Windell Ave Campbellsport WI 53010</u>		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input checked="" type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # 57 Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Dam on Milwaukee River was removed in August 2011. River has established itself through prior Mill Pond with much sediment flowing down the river and establishing mud areas downstream. Resident immediately down river from the former dam site is still convinced the dam was a flood control dam and she will be flooded at some point. Heavy rains and snow melt this spring caused water to

reach within a few feet of her home but the water level would have had to rise by more than a foot to reach her home. The bridge over Highway 67 would become a dam before the water could reach this level.

Milwaukee River Watershed Comment Form #7 A

Form 7-A

Please provide the following information:		DATE: 5-16-13
COUNTY NAME: Milwaukee County	COMMUNITY NAME: City of Greenfield	
NAME: Jeff Tamblyn	TITLE: Senior GIS Technician	
ADDRESS: 7325 W Forest Home Ave		
DAYTIME PHONE: 414-329-5323	E-MAIL: JeffT@GreenfieldWI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input checked="" type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
--	--

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # 153E 151E Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Honey Creek Floodplain Mapping - Area includes several LOMC's and existing DFRIM floodplain mapping is incorrect.

Milwaukee River Watershed Comment Form #7 B

Please provide the following information:		DATE: 5-16-13
COUNTY NAME: Milwaukee County	COMMUNITY NAME: City of Greenfield	
NAME: Jeff Tamblyn	TITLE: Senior GIS Technician	
ADDRESS: 7325 W Forest Home Ave		
DAYTIME PHONE: 414-329-5323	E-MAIL: JeffT@GreenfieldWI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input checked="" type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # 0152 _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Area of S 43rd St and W Anthony Dr -- City stormsewer and street project completed in _____

2006 has reduced/eliminate flood damage in area _____

Continue on back side if necessary. Please return form to: Colleen Hermans, Wisconsin DNR, P. O. Box 7921, 101 S. Webster St., WT/3, Madison, WI 53707-7921. Form may be faxed to 608-267-2800 or e-mailed to colleen.hermans@wisconsin.gov.

Milwaukee River Watershed Comment Form #7 c

Form 7-C

Please provide the following information:		DATE: 5-16-13
COUNTY NAME: Milwaukee County	COMMUNITY NAME: City of Greenfield	
NAME: Jeff Tamblyn	TITLE: Senior GIS Technician	
ADDRESS: 7325 W Forest Home Ave		
DAYTIME PHONE: 414-329-5323	E-MAIL: JeffT@GreenfieldWI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input checked="" type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input checked="" type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # 0154E+152E Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Pondview Park Storm Water Basin -- City regional storm basin servicing approximately
217 acres. Since being constructed in 1997, basin has experienced higher than expected
sedimentation. The City has recently dredged said basin and has addressed some areas
of erosion upstream. Outlet structure for basin is classified as a dam and controls
flow through private property to the north. A large area of I-43/I-894 interstate is
tributary to said basin.

Continue on back side if necessary. Please return form to: Colleen Hermans, Wisconsin DNR, P. O. Box 7921, 101 S. Webster St., WT/3, Madison, WI 53707-7921. Form may be faxed to 608-267-2800 or e-mailed to colleen.hermans@wisconsin.gov.

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: <u>5/31/2013</u>
COUNTY NAME: <u>Milwaukee</u>	COMMUNITY NAME: <u>West Milwaukee</u>	
NAME: <u>Len Roecker, P.E., RLS</u>	TITLE: <u>Village Engineer</u>	
ADDRESS: <u>16745 W. Bluemound Road, Brookfield, WI 53005</u>		
DAYTIME PHONE: <u>262-317-3383</u>	E-MAIL: <u>Len.Roecker@rasmithnational.com</u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input checked="" type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other Map of Flood Prone properties provided

Please provide any additional information that might be helpful such as names of water bodies or addresses:

The double box culverts in Miller Park Way convey the S.43rd Street Ditch tributary south to the Kinnickinnic River. During the 2008 and 2010 events, the capacity of the culverts was exceeded and water surcharged onto the surface of Miller Park Way, flooding 5 business properties east of Miller Park Way and north of W. Lincoln Ave. The properties are identified on the map provided with this form.

Milwaukee River Watershed Comment Form #39

Please provide the following information:		DATE: <u>6-3-13</u>
COUNTY NAME: <u>Washington</u>	COMMUNITY NAME: <u>Washington County</u>	
NAME: <u>Phil Gaydet</u>	TITLE: <u>Land Resources Manager</u>	
ADDRESS: <u>333 E. Washington St, West Bend, WI. 53095</u>		
DAYTIME PHONE: <u>262-335-4445</u>	E-MAIL: <u>Phil.Gaydet@co.washington.wi.us</u>	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input checked="" type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter Map L DFIRM Panel # _____ Other _____

Enclosed

Please provide any additional information that might be helpful such as names of water bodies or addresses:

** Per the Town of West Bend Deputy Clerk*

- * ① Boat launch on Peters Drive on Silver Lake - house north of launch flooded
- * ② End of Bauers Drive on Silver lake gets flooded
- * ③ Boat launch off of Hacker Drive on Big Cedar Lake has flooding
 Per the Town of Polk Clerk
- ④ 4577 Pleasant Valley Road (T9-0090 00D) - flooded yard
- ⑤ 4280 Pleasant Valley Road (T9-0089 00A) - flooded
- ⑥ 4270 Arthur Road (T9-0090 00C) - back yard floods all the way back to the culverts.
- ⑦ County Hwy H and Milwaukee River - flooding occurs in this area per Town of Kenosha Chairman.
- ⑧ Per Town of Jackson Chairman flooding occurs at dead end of Spring Valley Rd on north side of road.
Continue on back side if necessary. Please return form to: Colleen Hermans, Wisconsin DNR, P. O. Box 7921, 101 S. Webster St., WT/3, Madison, WI 53707-7921. Form may be faxed to 608-267-2800 or e-mailed to colleen.hermans@wisconsin.gov.

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: <u>6-3-13</u>
COUNTY NAME: <u>02</u>	COMMUNITY NAME: <u>Mcquon</u>	
NAME:	TITLE:	
ADDRESS:		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input checked="" type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
--	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses: ①

Area on South Comburg Rd. A large number of LOMA's
approved

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-3
COUNTY NAME: 62	COMMUNITY NAME: Meyers	
NAME:	TITLE:	
ADDRESS:		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input checked="" type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
--	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

(2)

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Area has a large amount of FW with no past history of flooding. Major floods in 2008 + 2012 land was dry.

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME:	COMMUNITY NAME: <i>Mcquon</i>	
NAME:	TITLE:	
ADDRESS:		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
---	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

③

Please provide any additional information that might be helpful such as names of water bodies or addresses:

Hydrologic Study was complete for a zone, approved by DNR but NOT sent to FEMA.

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: <u>6-3-13</u>
COUNTY NAME: <u>02</u>	COMMUNITY NAME: <u>Mequon</u>	
NAME: <u>Joe Lopez</u>	TITLE:	
ADDRESS:		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
---	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

④

City of Mequon has 1FT LIDAR completed.

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input checked="" type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

(5)

6633 W WARTBURG CIR. - WISCONSIN EVANGELICAL
LUTHERN SEMINARY - DAM REMOVED? DNR
PROJECT

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input checked="" type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Areas of Mitigation Success

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses: 6

4100 W GRACE AVE. - DO NOT RECALL A DAM
AT THIS LOCATION

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

7

Please provide any additional information that might be helpful such as names of water bodies or addresses:

9861 N RIVER RD. - ROAD WILL OVERTOP DURING
MANY FLOOD EVENTS TO SOUTH OF THIS ADDRESS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses: 8

10065 N RIVER RD. - ROAD WILL OVERTOP DURING MANY FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input checked="" type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

⑨

Please provide any additional information that might be helpful such as names of water bodies or addresses:

708 W REVERE RD. - INTERSECTION OF REVERE RD.
+ PRAIRIE VIEW LN. OVERTOPS + YARDS FLOOD DURING
MOST SIGNIFICANT STORM EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

(10)

2311 W RANCH RD. - ROAD WILL OVERTOP DURING MANY FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

(11)

2042 W WILDWOOD DR. - ROAD WILL OVERTOP DURING
MANY FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

12

Please provide any additional information that might be helpful such as names of water bodies or addresses:

INTERSECTION OF GLEN OAKS LN, FOREST DR. & WILDERNESS COURT - ROAD WILL OVERTOP DURING MANY FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-13-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

13

Please provide any additional information that might be helpful such as names of water bodies or addresses:

2800 W RIVERLAND DR. - ROAD WILL OVERTOP DURING
MANY FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

(14)

Please provide any additional information that might be helpful such as names of water bodies or addresses:

LAPORTE RD. NORTH OF RIVERLAND DR. - ROAD WILL OVERTOP DURING FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

(15)

EAST SHORELAND DR., ISLAND DR. AND WEST END OF
CIRCLE DR. - ROADS OVERTOP DURING FLOOD EVENTS

Continue on back side if necessary. Please return form to: Colleen Hermans, Wisconsin DNR, P. O. Box 7921, 101 S. Webster St., WT/3, Madison, WI 53707-7921. Form may be faxed to 608-267-2800 or e-mailed to colleen.hermans@wisconsin.gov.

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

16

SAORELAND PARKWAY - ROAD OVERTOPS DURING FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On: _____

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses: 17

1531 W BONNIWELL RD. - ROAD OVERTOPS DURING
FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

(18)

2704 W BONNIWELL RD. - ROAD OVERTOPS DURING
FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: 6-3-13
COUNTY NAME: OZAUKEE	COMMUNITY NAME: CITY OF MEQUON	
NAME: JAC ZADER	TITLE: ASST. DIR. OF COMMUNITY DEVEL.	
ADDRESS: 11333 N CEDARBURG RD, MEQUON WI 53092		
DAYTIME PHONE: 262-236-2904	E-MAIL: JZADER@CI.MEQUON.WI.US	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be
<input type="checkbox"/> At-Risk Essential Facilities	<input type="checkbox"/> Stream Flow Constriction (including ice jams)
<input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC)	<input checked="" type="checkbox"/> Overtopped Road During Flood Events
<input type="checkbox"/> Significant Riverine Erosion	<input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding
<input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain	<input type="checkbox"/> Areas of Mitigation Success
<input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____

Please provide any additional information that might be helpful such as names of water bodies or addresses:

(19)

14304 N KLUG LN. - ROAD OVERTOPS DURING
FLOOD EVENTS

Milwaukee River Watershed Comment Form #1

Please provide the following information:		DATE: <u>6-3-13</u>
COUNTY NAME: <u>02</u>	COMMUNITY NAME: <u>Myer</u>	
NAME:	TITLE:	
ADDRESS:		
DAYTIME PHONE:	E-MAIL:	

Use the space below to explain your comment and attach any necessary supporting documents/materials. Mark the location of your comment on the map by circling the area and writing the comment form number near the circle. If you have more than one comment, please use multiple forms. If necessary, please ask staff for assistance with formulating your comment.

<input type="checkbox"/> Levee or Dam <input type="checkbox"/> At-Risk Essential Facilities <input type="checkbox"/> Areas with Clusters of Letters Of Map Change (LOMC) <input type="checkbox"/> Significant Riverine Erosion <input type="checkbox"/> Areas of Reoccurring Flooding Outside of Mapped Floodplain <input type="checkbox"/> Effective Study No Longer Reflects Existing Conditions	<input type="checkbox"/> Approximate Study or No Study on a Stream Where Development is Occurring or Likely To Be <input type="checkbox"/> Stream Flow Constriction (including ice jams) <input type="checkbox"/> Overtopped Road During Flood Events <input type="checkbox"/> Area in Need of Mitigation Action To Reduce Flooding <input type="checkbox"/> Areas of Mitigation Success
---	--

Comment Marked On:

Discovery Map Letter _____ DFIRM Panel # _____ Other _____ 20

Please provide any additional information that might be helpful such as names of water bodies or addresses:

currently NO DATA FOR LITTLE MINNESOTA

SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

W239 N1812 ROCKWOOD DRIVE • PO BOX 1607 • WAUKESHA, WI 53187-1607 • TELEPHONE (262) 547-6721
FAX (262) 547-1103

June 3, 2013

Serving the Counties of:

KENOSHA
MILWAUKEE
OZAUKEE
RACINE
WALWORTH
WASHINGTON
WAUKESHA



Ms. Colleen A. Hermans
GIS Project Lead – GEF2
Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921

Dear Ms. Hermans:

We are writing to provide comments regarding the Federal Emergency Management Agency Risk Mapping, Assessment, and Planning (Risk MAP) program for the Milwaukee River Basin, including the Kinnickinnic, Menomonee, and Milwaukee River watersheds. As you are aware, the Southeastern Wisconsin Regional Planning Commission (SEWRPC) staff has conducted extensive studies in each of those three watersheds under an ongoing floodplain mapping program for the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) Steering Council and the Milwaukee Metropolitan Sewerage District (MMSD) (see the attached Table 1 indicating the streams and rivers studied under that program). Those studies included preparation of updated U.S. Environmental Protection Agency HSPF continuous simulation hydrologic models of the Kinnickinnic and Menomonee River watersheds. In almost all cases, U.S. Army Corps of Engineers HEC-RAS river analysis system models have been developed for the streams listed in Table 1.

The floodplain maps and supporting models produced under the MCAMLIS/MMSD study will be provided by SEWRPC to FEMA and WDNR for inclusion in the flood insurance study and on the digital flood insurance rate maps (DFIRMs) produced under the RiskMAP program. The provision of that extensive mapping information will provide a significant benefit to the RiskMAP program. As indicated in Table 1, studies of several additional streams are underway and are scheduled to be completed prior to the summer of 2015 when RiskMAP DFIRMs are to be completed, assuming the RiskMAP project is funded. In addition, the DFIRMs already reflect the MCAMLIS/MMSD/SEWRPC study results for the Milwaukee River main stem, Lincoln Creek, and Southbranch Creek, all located in Milwaukee County, the South Branch of Underwood Creek (Milwaukee County), the North Branch of Underwood Creek (Waukesha County), Butler Ditch (Waukesha County), and Dousman Ditch (Waukesha County). Revisions to the floodplain delineation along the Underwood Creek main stem in Milwaukee and Waukesha Counties would be necessary under RiskMAP to reflect the Village of Elm Grove flood mitigation project (for which a FEMA letter of map revision was issued) and MMSD stream rehabilitation and flood mitigation projects all of which occurred following mapping of the floodplain by SEWRPC.

There are some Menomonee River tributaries located completely outside of Milwaukee County that are not scheduled for completion by SEWRPC until after the projected summer 2015 DFIRM completion under RiskMAP. Those streams would be candidates for hydraulic studies under RiskMAP, although flood flows developed using the SEWRPC Menomonee River watershed hydrologic model could be used for those studies, ensuring watershedwide consistency. Finally, Table 1 indicates that all of the SEWRPC studies in the Kinnickinnic River watershed in Milwaukee County have been completed except for the S. 43rd Street Ditch, which is scheduled to be completed in 2014.

Ms. Colleen A. Hermans
June 3, 2013
Page 2

In reviewing the maps provided to us at the May 16, 2013, FEMA RiskMAP Discovery meeting in the City of Glendale, we note that all, or portions, of Beaver Creek (Milwaukee County), Brown Deer Park Creek (Milwaukee County), Fish Creek (Milwaukee and Ozaukee Counties), Honey Creek (Milwaukee County), the Little Menomonee River (Milwaukee and Ozaukee Counties), and the Menomonee River main stem (Milwaukee County) are recommended by WDNR for restudy. Updated studies of each of those streams or rivers have been completed by SEWRPC, or will be completed in the near future, thus, satisfying the restudy condition. The Discovery meeting maps also show that North, Edgewood, and Kewaskum Creeks in the Village of Kewaskum and environs in Washington County are recommended by WDNR for restudy. We would suggested that consideration be given to refining the base hydraulic and hydrologic models that were developed for those streams by SEWRPC and submitted to WDNR and FEMA for use in the FEMA Map Modernization program, rather than expending program resources to develop new studies.

We appreciate the opportunity to participate in the FEMA RiskMAP Discovery meetings and to provide input on the proposed project. We ask that you continue to involve the SEWRPC staff in the process of determining which streams are to be restudied, and we are available to coordinate and meet with WDNR staff to assist with those deliberations. Maximizing use of the MCAMLIS/MMSD/SEWRPC study data will enable WDNR and FEMA to best utilize limited RiskMAP resources, allowing the program to focus on studying stream reaches for which models and floodplain maps are outdated, where approximate delineations need to be replaced with detailed studies, or where municipalities request studies to address local needs.

If you have any questions, or to coordinate the transfer of study data, please contact Michael G. Hahn of the Commission staff at (262) 547-6722, extension 243, or mhahn@sewrpc.org.

Sincerely,



Kenneth R. Yunker, P.E.
Executive Director

KRY/MGH/pk
MILW RIVER BASIN RISKMAP DISCOVERY COMMENTS (00211629).DOC

Enclosure

cc: Mr. William C. Shaw, Milwaukee County
Mr. Eric Damkot, Washington County
Mr. Phillip j. Gaudet Washington County
Mr. Scott Schmidt, Washington County
Mr. Thomas W. Chapman, MMSD
Mr. David C. Fowler, MMSD
Mr. Thomas M. Grisa, City of Brookfield
Mr. Collin Johnson, City of Glendale

Ms. Colleen A. Hermans
June 3, 2013
Page 3

Mr. Todd M. Stuebe, City of Glendale
Mr. Jac Zader, City of Mequon
Mr. Kurt R. Sprangers, City of Milwaukee
Mr. Timothy J. Thur, City of Milwaukee
Mr. William T. Wehrley, City of Wauwatosa
Mr. Andy Pederson, Village of Bayside
Mr. Nathan Piotrowski, Village of Brown Deer
Ms. Brionne R. Bischke, Village of Germantown
Mr. Jerry E. Gilles, Village of Kewaskum
Mr. Jeffrey S. Nettesheim, Village of Menomonee Falls
Ms. Meg Galloway, WDNR-Madison
Ms. Michelle M. Hase, WDNR-Waukesha
Mr. Gary Heinrichs, WDNR-Madison
Ms. Tanya L. Lourigan, WDNR-Milwaukee
Ms. Katie McMahan, WDNR-Madison
Mr. Christopher Olds, WDNR-Madison
Mr. Lee Traeger, FEMA Region V

Table 1

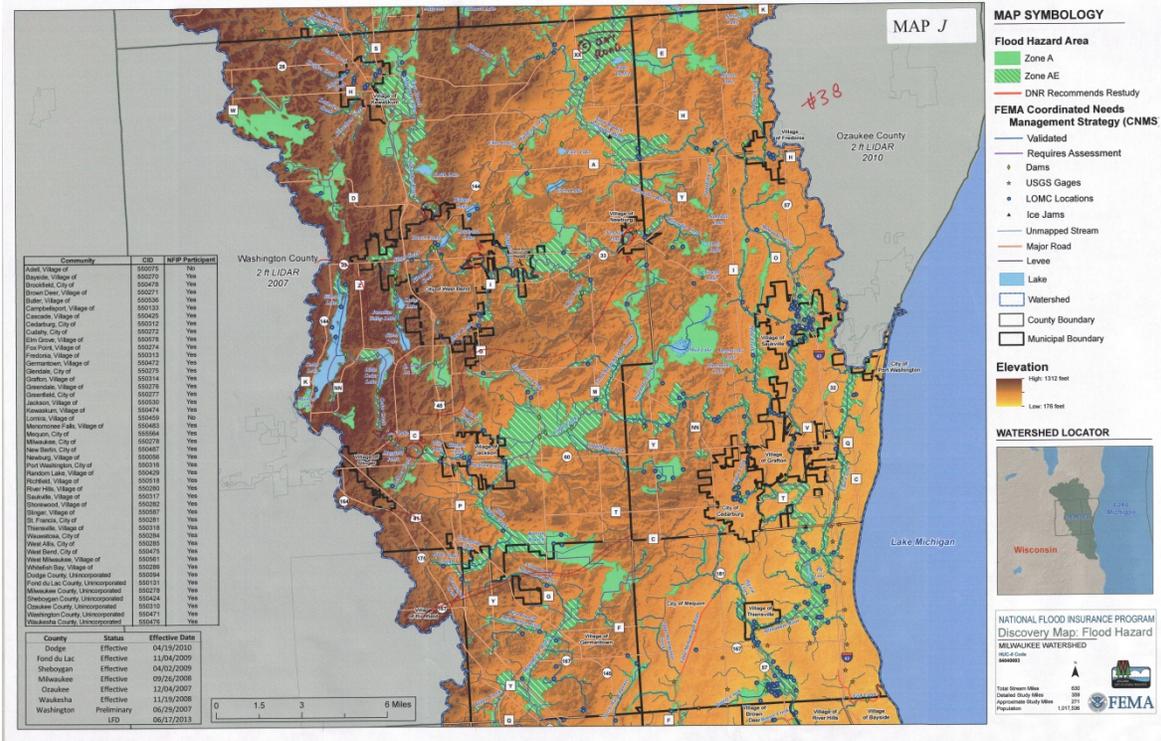
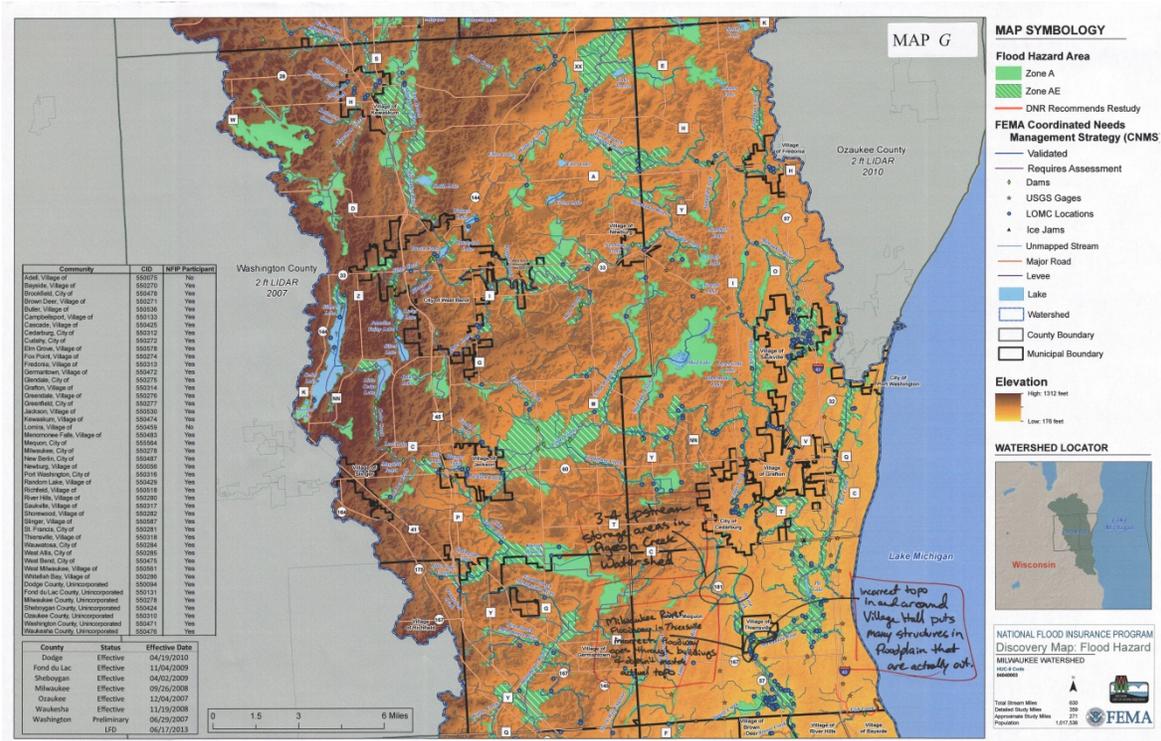
STATUS OF SEWRPC FLOODPLAIN MAPPING IN THE KINNICKINNIC, MENOMONEE,
 AND MILWAUKEE RIVER WATERSHEDS AND THE FISH CREEK SUBWATERSHED

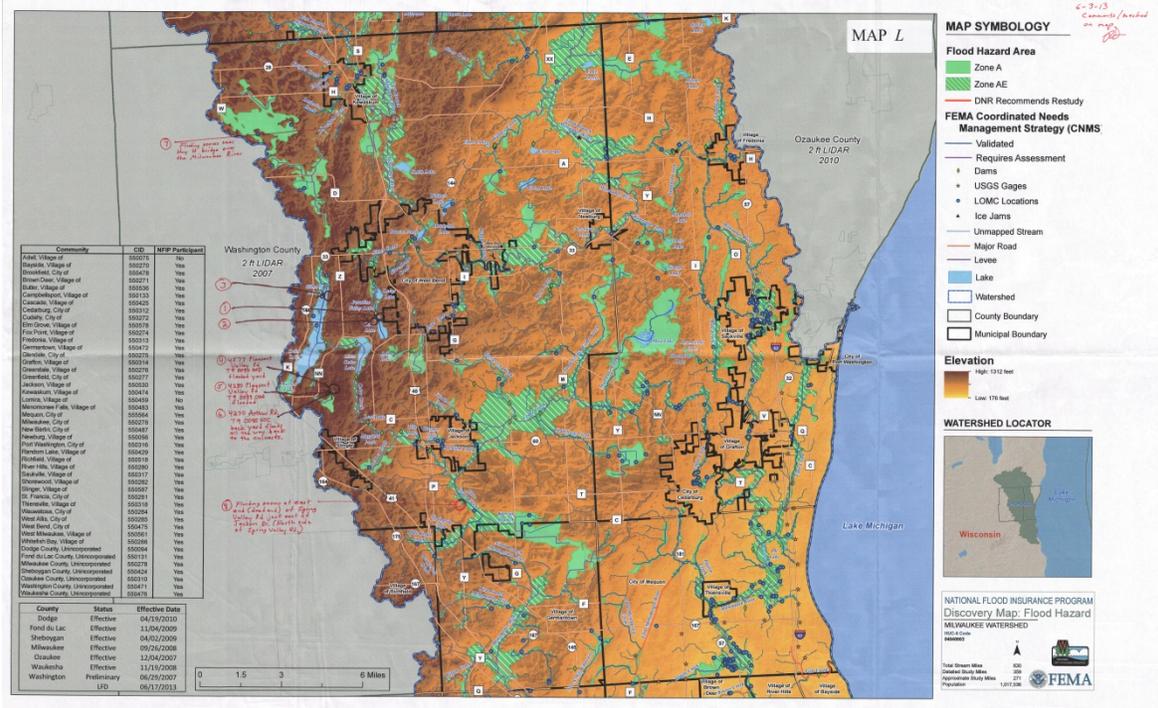
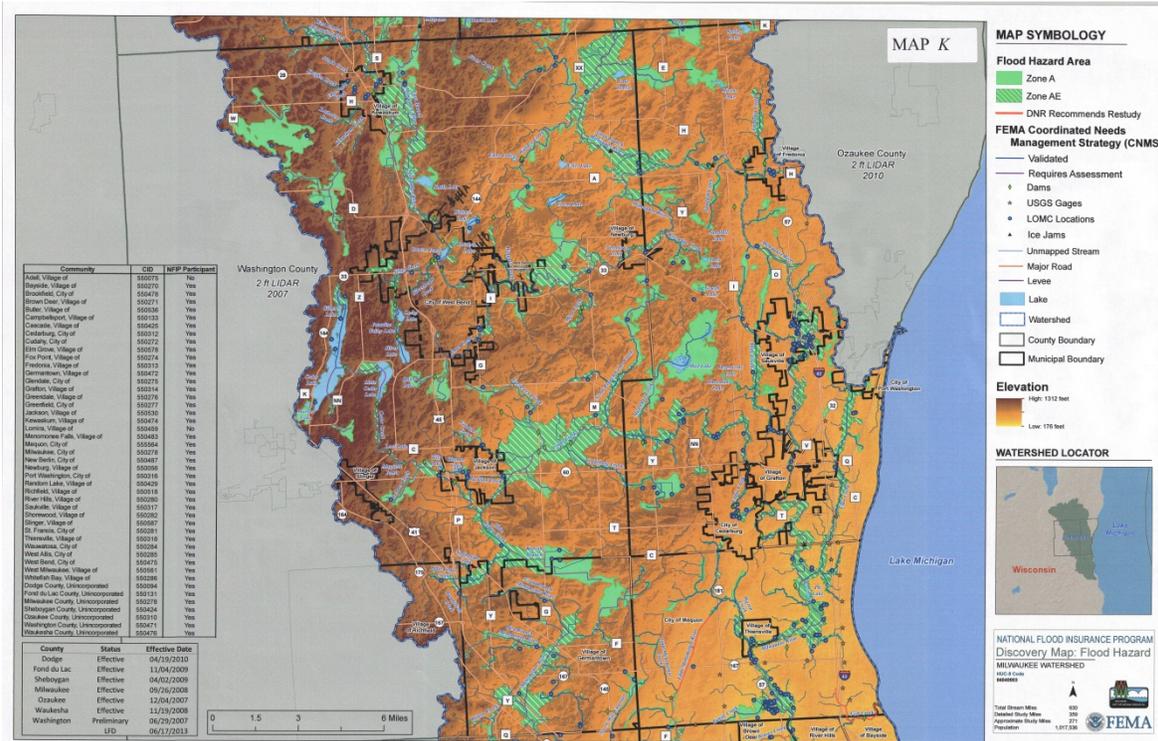
STATUS OF MCAMLIS/MMSD FLOODPLAIN MAPPING					SCHEDULED YEAR OF COMPLETION	
Stream	Hydrology and Hydraulics Underway	Detailed Floodplain Mapping Underway	Hydrology and Hydraulics Completed	Detailed Floodplain Mapping Completed	WITHIN MILWAUKEE COUNTY	OUTSIDE MILWAUKEE COUNTY
Fish Creek Subwatershed	--	X	X	--	2014	2014
Kinnickinnic River Watershed						
Kinnickinnic River Main Stem	--	--	X	X	COMPLETED	N/A
Edgerton Channel	--	--	X	X	COMPLETED	N/A
Lyons Park Creek	--	--	X	X	COMPLETED	N/A
S. 43rd Street Ditch	X	X	--	--	2014	N/A
Villa Mann Creek			X	X	COMPLETED	N/A
Villa Mann Creek Tributary	--	--	X	X	COMPLETED	N/A
Wilson Park Creek	--	--	X	X	COMPLETED	N/A
Menomonee River Watershed in Milwaukee County						
Menomonee River Main Stem	X	X	X (from W. North Avenue to mouth)	X (from W. North Avenue to mouth)	2014	2015
Dretzka Park Tributary	X	--	--	--	2014	2014
Grantosa Creek	X	--	--	--	2014	N/A
Honey Creek	--	--	X	X	COMPLETED	N/A
Little Menomonee River	X	X	--	--	2013	2014
South Branch of Underwood Creek	--	--	X	X	COMPLETED	N/A
Underwood Creek	--	--	X	X	COMPLETED	N/A
Woods Creek	--	--	X	X	COMPLETED	N/A
Menomonee River Watershed Outside of Milwaukee County						
Butler Ditch	--	--	X	X	N/A	COMPLETED
Dousman Ditch	--	--	X	X	N/A	COMPLETED

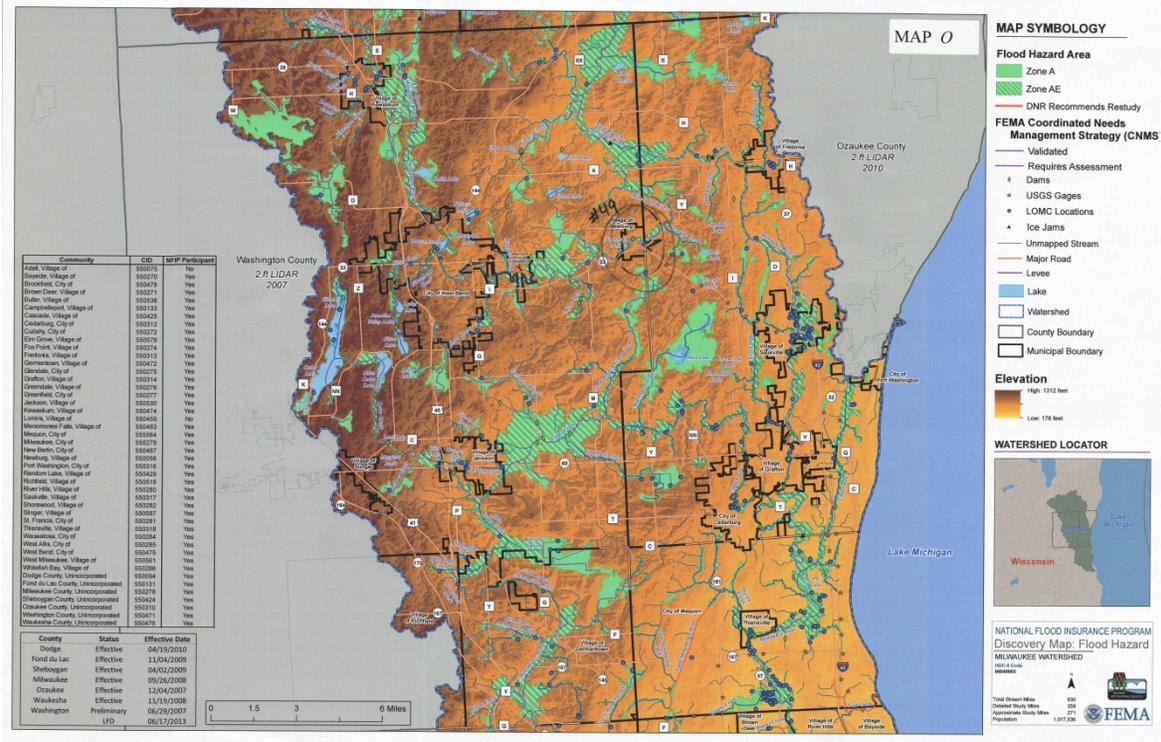
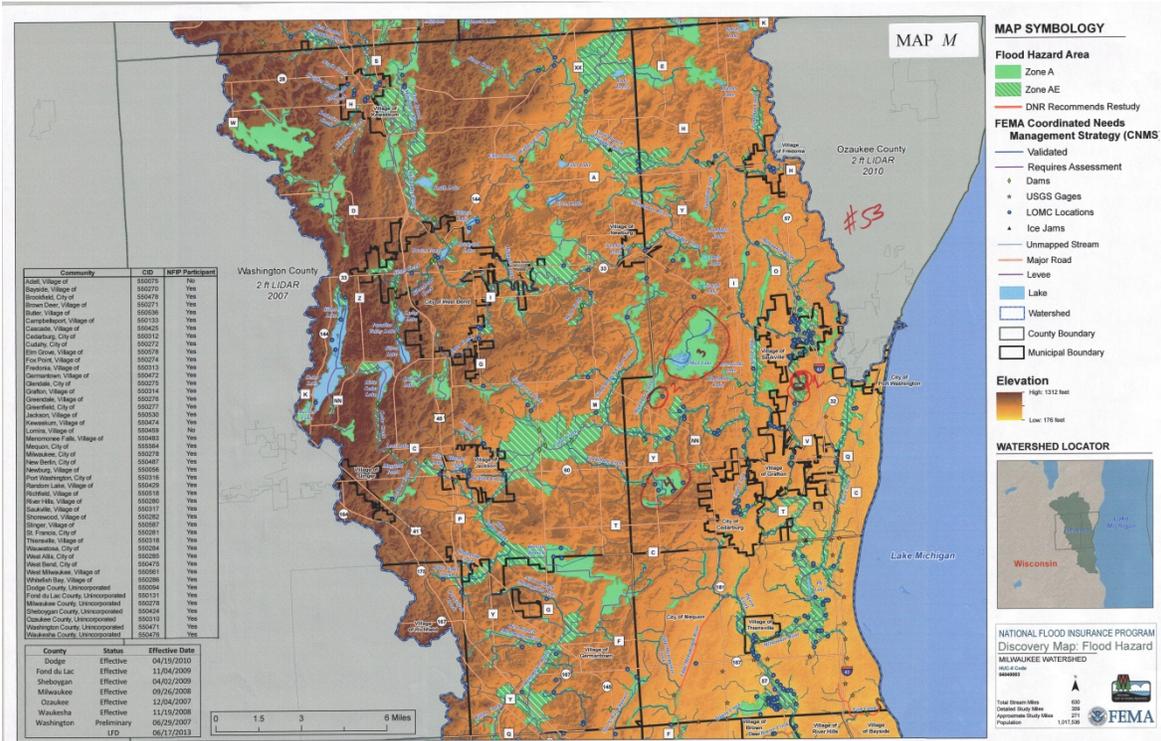
Table 1 (continued)

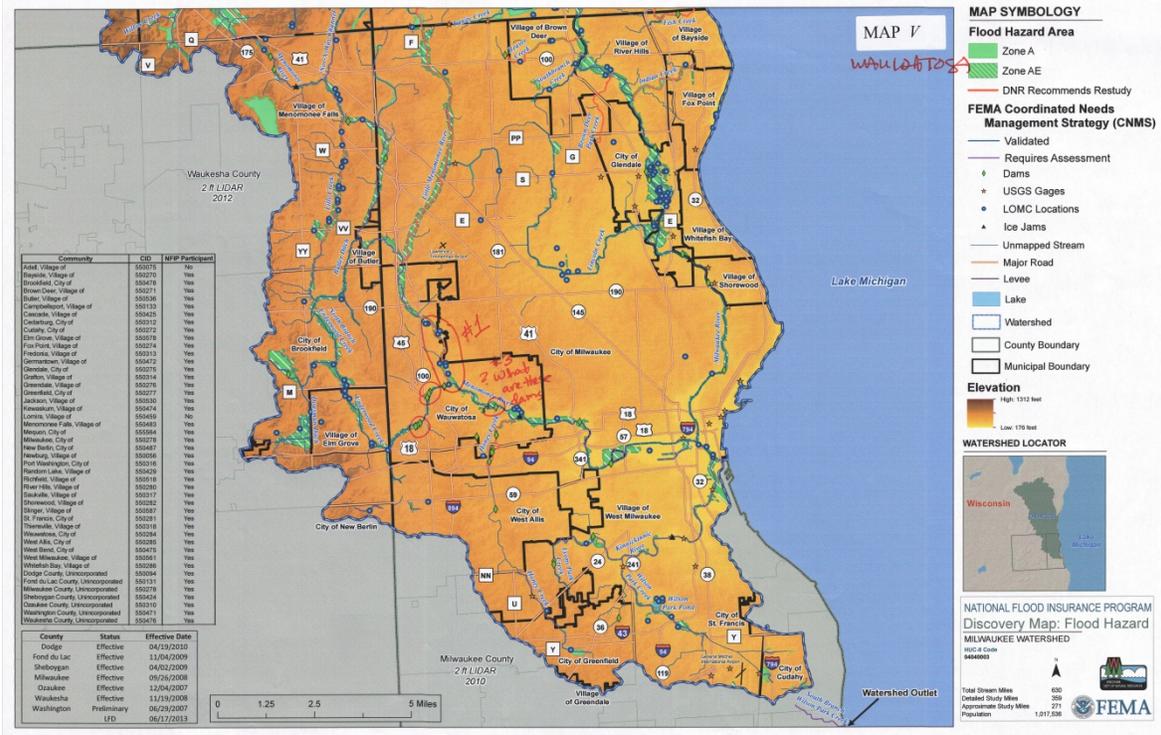
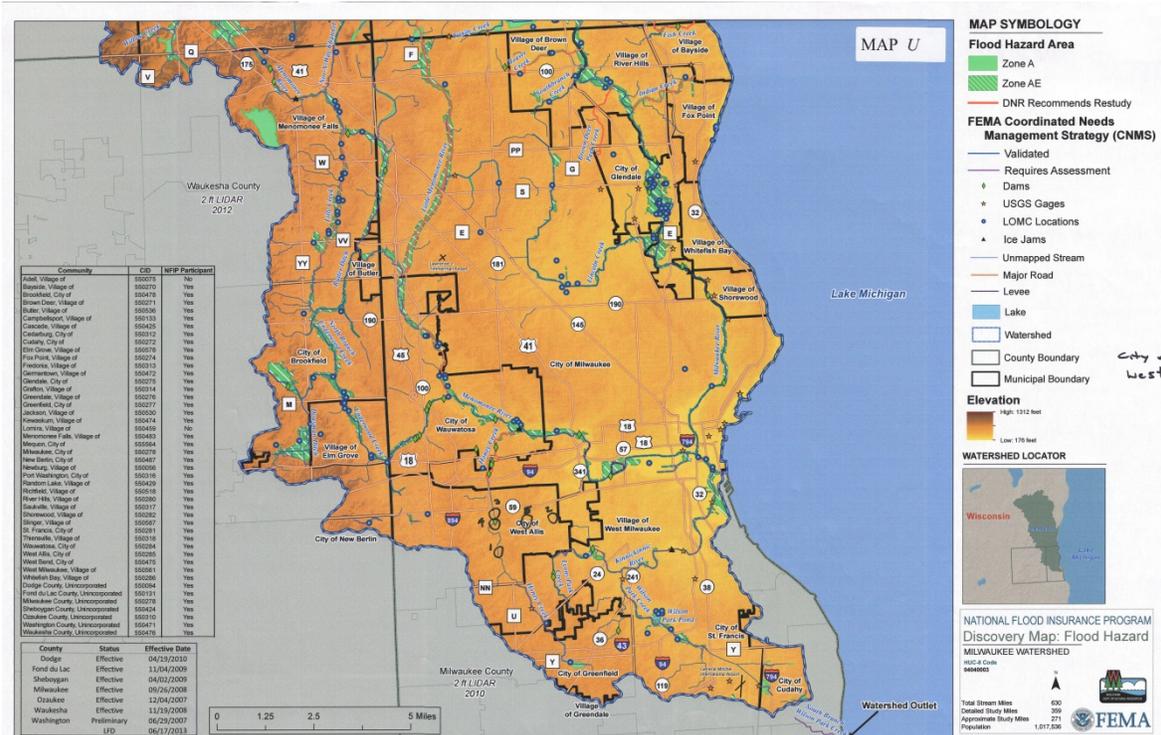
STATUS OF MCAMLIS/MMSD FLOODPLAIN MAPPING					SCHEDULED YEAR OF COMPLETION	
Stream	Hydrology and Hydraulics Underway	Detailed Floodplain Mapping Underway	Hydrology and Hydraulics Completed	Detailed Floodplain Mapping Completed	WITHIN MILWAUKEE COUNTY	OUTSIDE MILWAUKEE COUNTY
Menomonee River Watershed Outside of Milwaukee County (continued)						
Lilly Creek	X	--	--	--	N/A	2016
Little Menomonee Creek	X	--	--	--	N/A	2016
Nor-X-Way Channel	X	--	--	--	N/A	2016
North Branch Menomonee River	X	--	--	--	N/A	2016
North Branch of Underwood Creek	--	--	X	X	N/A	COMPLETED
South Branch of Underwood Creek	--	--	--	--	COMPLETED	2016
Underwood Creek	--	--	X	X	COMPLETED	COMPLETED
Tributaries 1, 1b, 2, 3, 4, 5, and 6 to the Menomonee River	X	--	--	--	N/A	2017
Unnamed Tributary to the West Branch Menomonee River	X	--	--	--	N/A	2017
West Branch Menomonee River	X	--	--	--	N/A	2017
Willow Creek	X	--	--	--	N/A	2017
Milwaukee River Watershed						
Milwaukee River Main Stem	--	--	X	X	COMPLETED	N/A
Beaver Creek	--	X	X	Coordinating with WDNR	2013	N/A
Brown Deer Park Creek	--	--	X	X	COMPLETED	N/A
Indian Creek	--	--	Depends on WDNR/Village of Fox Point coordination	Depends on WDNR/ Village of Fox Point coordination	?	N/A
Lincoln Creek	--	--	X	X	COMPLETED	N/A
Southbranch Creek	--	--	X	X	COMPLETED	N/A

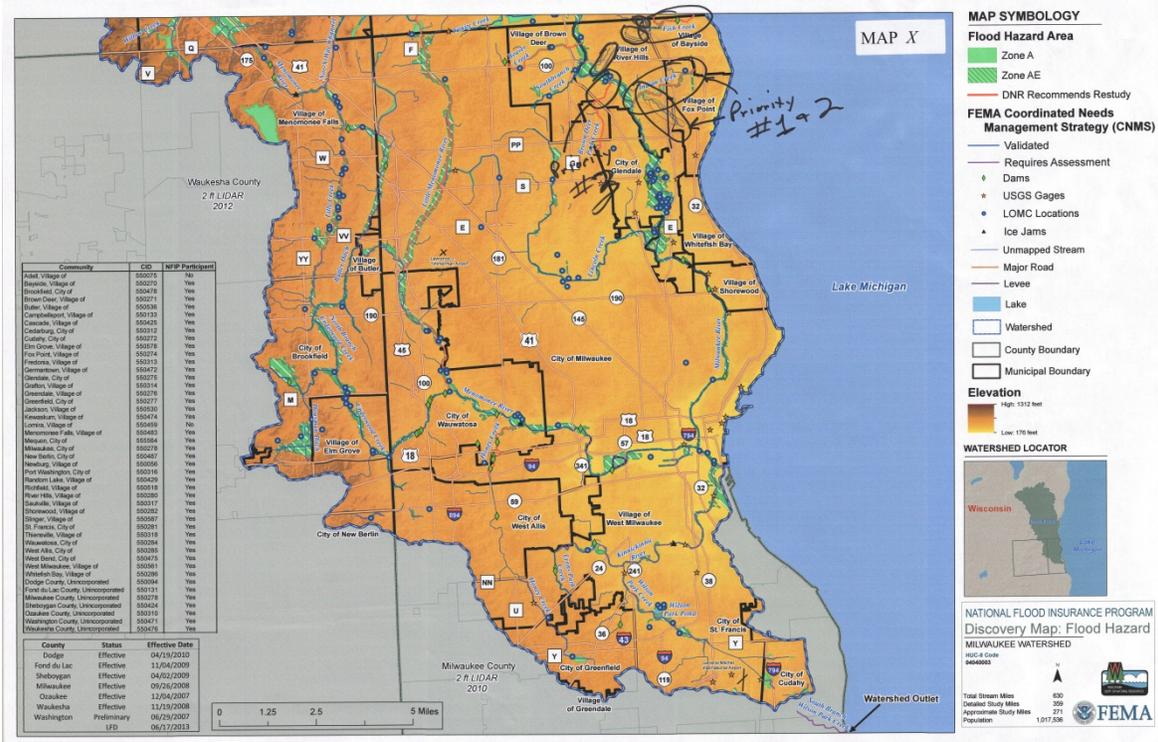
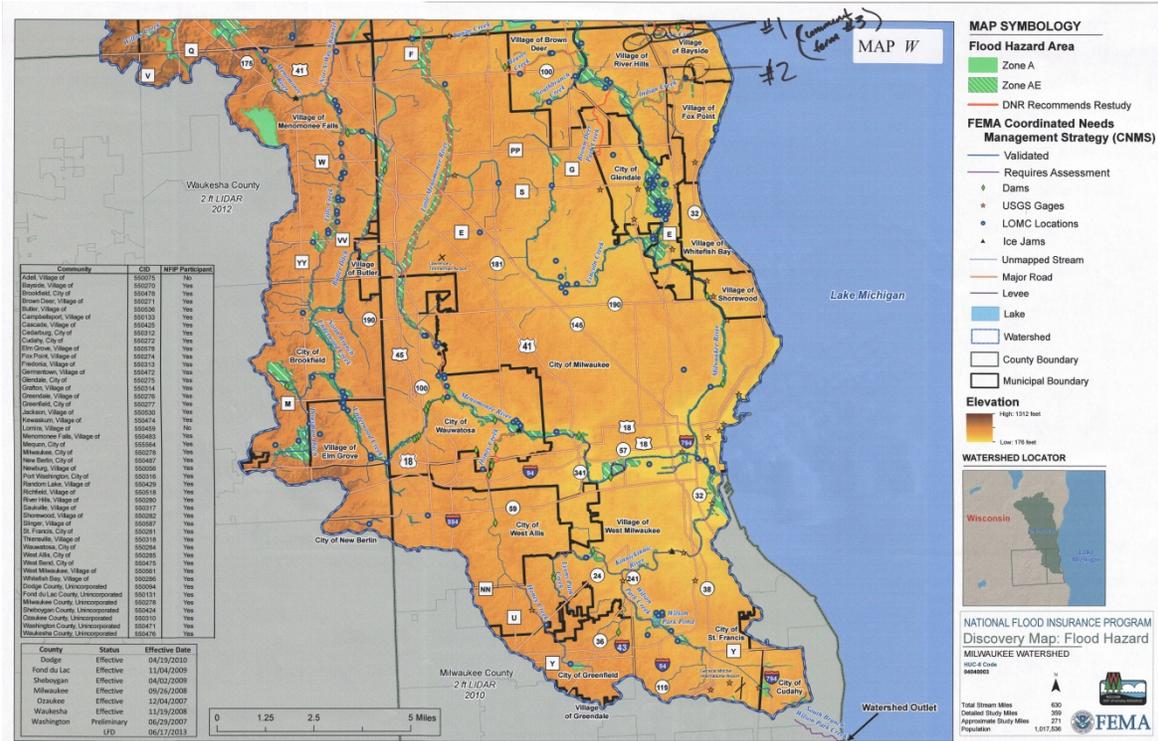
Source: SEWRPC.

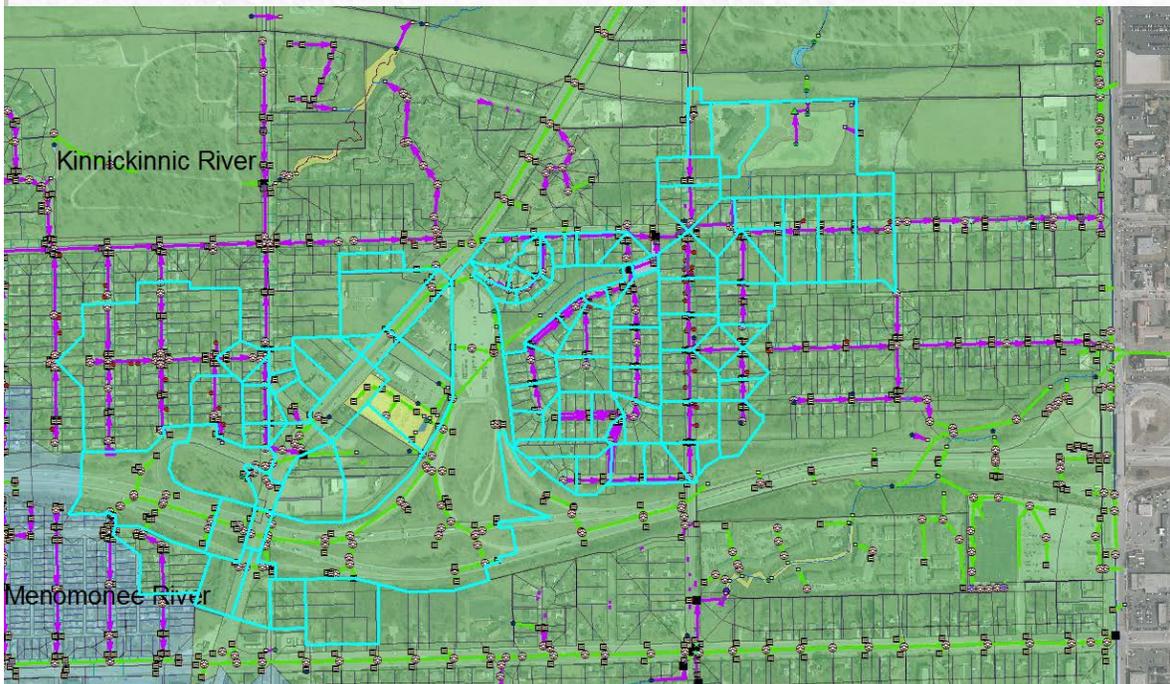
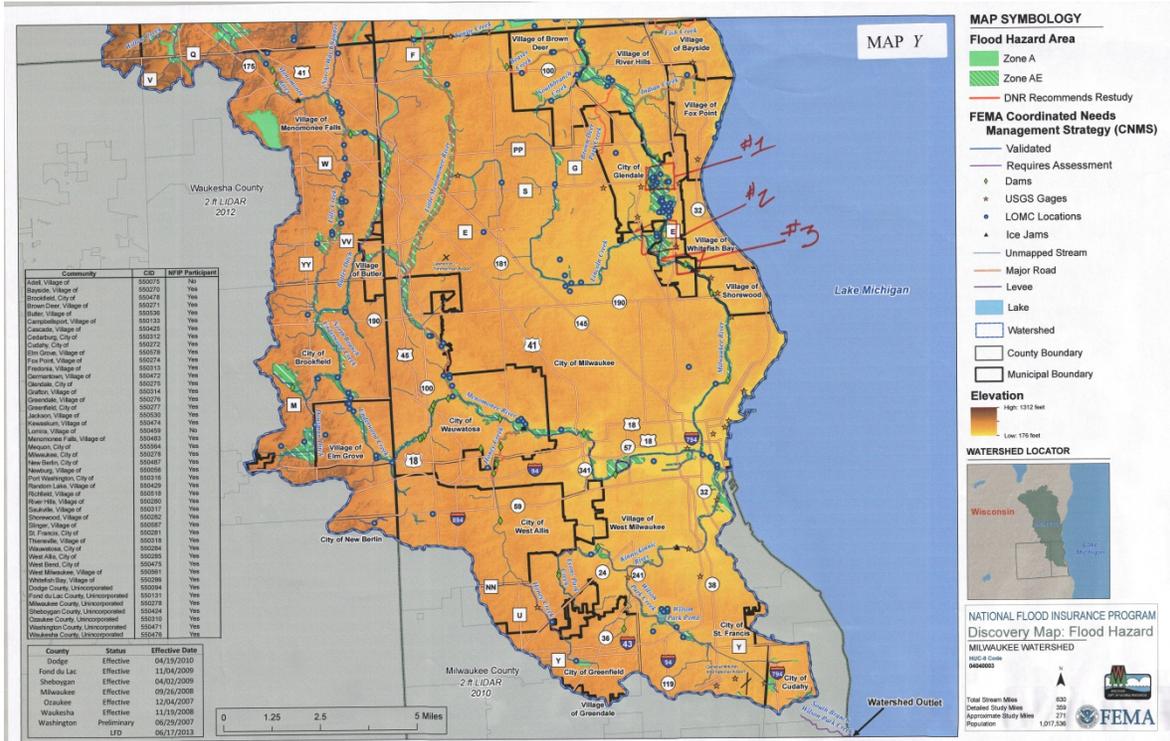


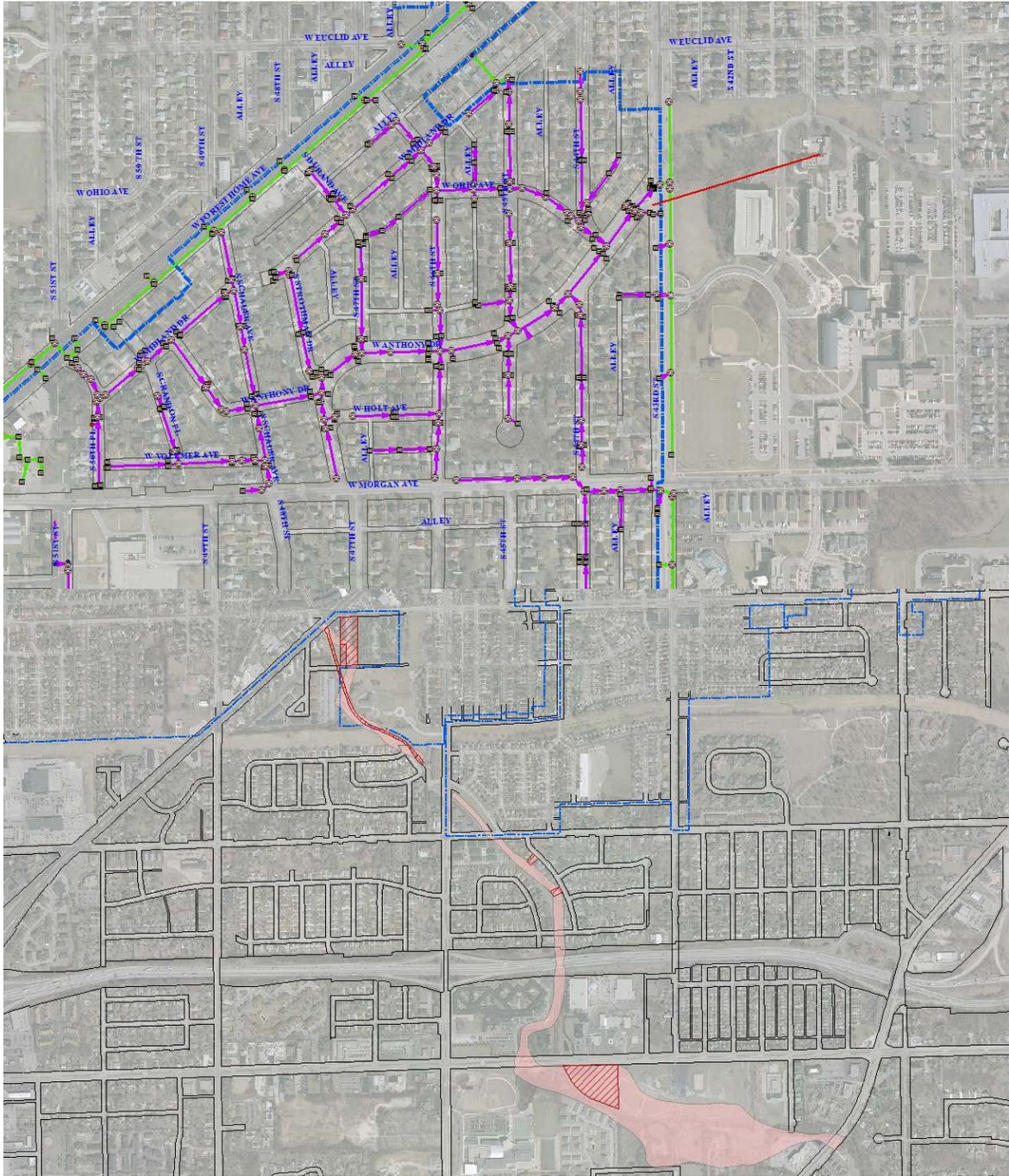


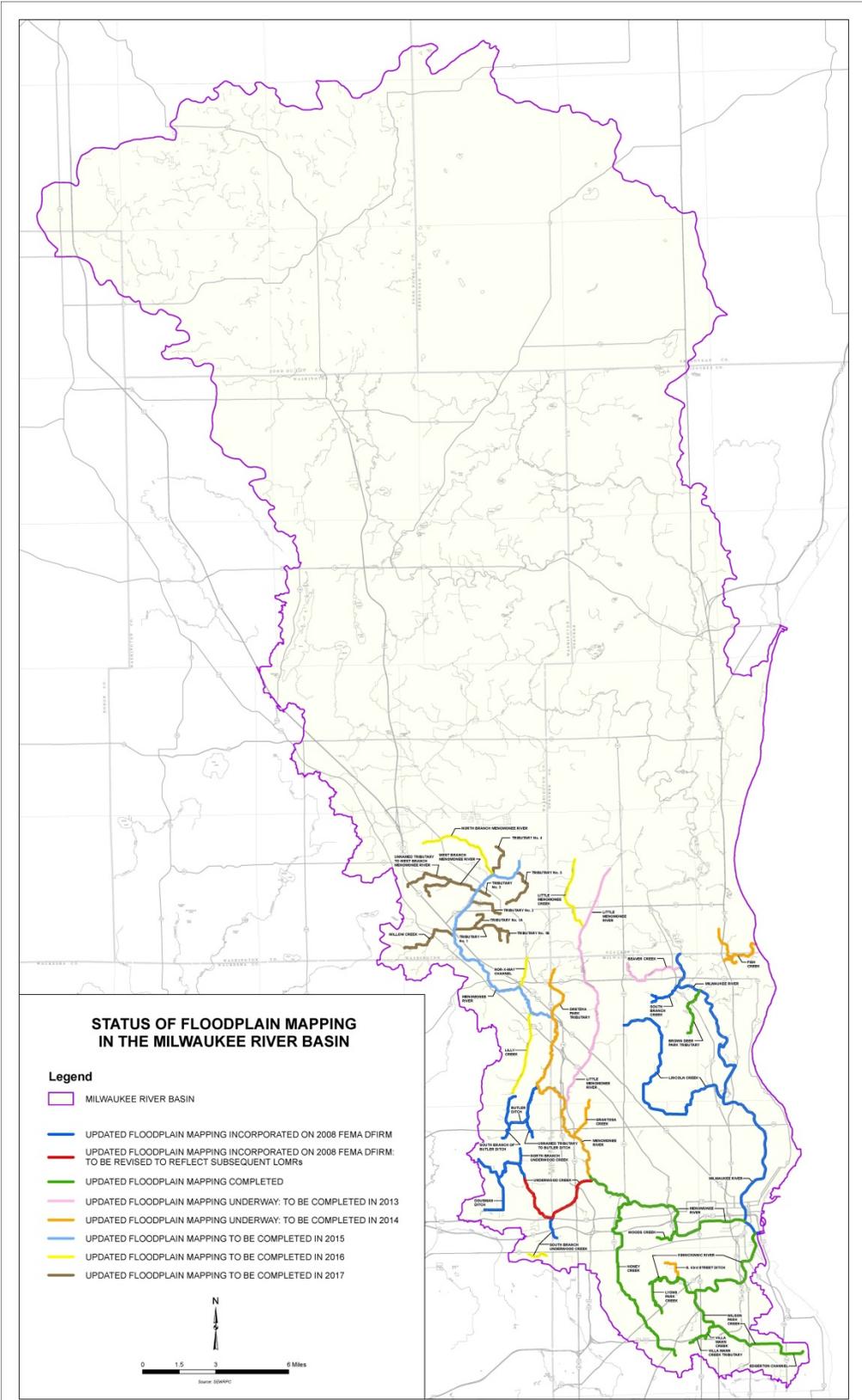












PROPERTIES WITH SOME FLOOD RELATED ISSUES DURING THE 2008 AND 2010 WET WEATHER EVENTS = 0

