



LAND INFORMATION DEPARTMENT

John Lefebvre
Director

Greg Cleereman
Conservationist

Tina Barnes
Property Lister

AGENDA LAND INFORMATION COMMITTEE

DATE: Monday, July 14, 2014
TIME: 9:00 a.m.
PLACE: Marinette County Courthouse - Land Information Department Meeting Room (C129)

1. Call meeting to order
2. Approve agenda
3. Approve minutes of the June 9, 2014 meeting. **See Attached**
4. Public Comment - Any person desirous of addressing the Committee on any subject under the Committee's jurisdiction shall first obtain permission from the Committee Chairperson. All such addresses shall be limited to 5 minutes unless otherwise extended by the Committee Chairperson.
5. Discuss/consider 2014 Land Information Department User Fees. Action, if any. **See Attached**
6. Discuss/Consider major projects or purchases within the next 5 years to be included on the Capital Improvement Program list for Marinette County. Action, if any. **See Attached**
7. Discuss/consider committee members and staff attending the Lake Michigan Land & Water Conservation Association Summer Tour in Kewaunee County on July 11, 2014. Action, if any.
8. Discuss/consider requesting an extension of the Marinette County Farmland Preservation Plan and applying for a Department of Agriculture, Trade and Consumer Protection Department grant to update our Farmland Preservation Plan to meet the requirements of Chapter 91, Wisconsin Statutes. Action, if any. **See Attached**
9. Reports by cooperating agencies. Action, if any.
 - WDNR Fisheries Report ~ Chip Long, WI-DNR
 - UWEX ~ Breakfast on the Farm and Crop Status Update ~ Scott Reuss, UWEX
 - FSA ~ Program Updates ~ Mary Noll
10. Correspondence. Action, if any. (Correspondence if not specifically listed below will be for information only)
 - FEMA Community Flood Mapping Scoping Meeting - July 15, 2014, 9:30 a.m-11:30 a.m., Stephenson Library, Marinette, WI 54143 **See Attached**
11. Report(s) by Land Information Staff on Departmental programs and activities. Action, if any.
 - Lake Michigan Land & Water Conservation Association Summer Tour
 - National Resource Conservation Service Regional Conservation Partnership Program
12. Review schedule of invoices June 2014. Action, if any.
13. Next meeting August 11, 2014 at Morgan Park.
14. Identify possible items for discussion and consideration at the next meeting
15. Adjourn



Alice Baumgarten
Clancy Whiting
Fred Meintz

Ted Sauve
Robert Holley
Renee Miller

Gilbert Engel
Mary Noll
Kathy Brandt

NOTE: Agenda items may not be considered and acted upon in the order listed
If you are an individual with a disability and need a special accommodation while attending this meeting, as required by the Americans with Disabilities Act, please notify the County Clerk, Marinette County Courthouse (715-732-7406) at least 24 hours prior to the meeting in order to make suitable arrangements. Thank you. (TDD# 715-732-7760)



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MEETING OF THE LAND INFORMATION COMMITTEE

MONDAY, JUNE 9, 2014

COURTHOUSE – LID CONFERENCE ROOM C129

Members Present: Ted Sauve, Alice Baumgarten, Gilbert Engel, Robert Holley, Mary Noll, Fred Meintz, and Clancy Whiting.

Others Present: John Lefebvre, LID; Greg Cleereman, LID-LWC; Aleta DiRienzo, LID-LWC; Renee Miller, ROD, Jeremy Irish, USDA-APHIS-WS and the Peshtigo Times.

1. The meeting was called to order by Chairperson Sauve at 9:00 a.m.
2. WELCOME TO SUPERVISOR MEINTZ
Supervisor Meintz was welcomed to the committee and introductions were made.
3. APPROVAL OF AGENDA
MOTION (Holley/Baumgarten) to approve the June 9, 2014 Agenda with the deletion of item 6. Motion carried no negative vote.
4. APPROVAL OF MINUTES
MOTION (Whiting/Gilbert) to approve the minutes of May 27, 2014 as presented. Motion carried no negative vote.
5. PUBLIC COMMENT
None
6. TOWN OF POUND ZONING AMENDMENT
MOTION (Whiting/Holley) to approve the Town of Pound Zoning Amendment to rezone a 3.1 acre portion of parcel number 028-00586.000 from A1/R1 (Agricultural/Residential) district to Q1 (Quarrying) District and recommend to County Board for approval. Motion carried no negative vote.
7. REPORTS BY COOPERATING AGENCIES
USDA-APHIS ~ Jeremy Irish from Wildlife Services introduced himself to the committee. He administers the Wildlife Damage Program for Marinette County.

USDA-FSA ~ Mary Noll gave a report on the Farm Services Agency. Acreage reporting



time – with the cold spring and late start to planting season, producers can report later in July – they just need to call the office. She also reported on Rural Development program to help reduce energy cost by using renewable energy.

8. CORRESPONDENCE
None

9. REPORTS BY LAND INFORMATION STAFF

John Lefebvre, in form of a PowerPoint, gave an update on the North County Leachate Irrigation Project and did a general overview of the Land Information Department for the new committee members.

Greg Cleereman gave a short report on the Lake Michigan Land & Water Conservation Association Spring Conference. There were two presentations given, one on Yellow Floating Heart and the fight to remove from a private pond in Marinette County and one about the problems with ground water contamination in Kewaunee County. The DNR gave a talk about the white nose syndrome that is creating a big die off of bats. In some cases bats in caves are 100% gone. This is believed to be the fastest decrease of an animal species in one year in US History.

10. MAY SCHEDULE OF VOUCHERS

The May Schedule of Invoices (\$10,803.61) was presented to the committee.

11. SCHEDULE NEXT MEETING

- o Next meeting is scheduled at 9:00 a.m. Monday, July 14, 2014 in the Land Information Conference Room.
- o August Meeting will take the committee on a tour of projects the Land Information Department have been doing. i.e. North County Leachate Irrigation System, a manure storage facility, and Lake Noquebay Dam walkway.

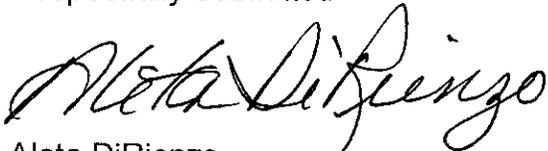
12. IDENTIFY POSSIBLE ITEMS FOR NEXT MEETING

- o Have Christopher (Chip) Long and Tammy Paoli fishery specialists with the Wisconsin DNR come to a meeting and give an update. Specifically - Walleye

13. ADJOURNMENT

MOTION (Meintz/Holley) to adjourn at 11:45 a.m. Motion carried no negative vote.

Respectfully Submitted



Aleta DiRienzo
Database Specialist/Program Assistant

Marinette County 2015 User Fees

LAND INFORMATION						
<i>Fee Description</i>	<i>Fee Amount</i>	<i>Fee Determination</i>	<i>Projected Revenue</i>	<i>Collection Method</i>		
Tree Planter Rental Fee*	\$10.00* per 1,000 Trees \$30.00 Minimum* \$60.00/Day Late Fee	County Board	\$ 400.00	Invoice		
Animal Waste Storage Facility Fee	\$500.00 per Permit	County Board	\$ 2,500.00	Time of Submittal		
Targeted Runoff Management Projects	5% Cost of Project Max \$5,000.00/project	County Board	\$ 20,000.00	Invoice		
Copy Fees Black & White	<11 x 17 11 x 17 >11 x 17	County Board	\$ 1,000.00	Time of Service or Yearly Invoice		
AS/400 Digital Data or Manipulated Data*	\$50.00 per Hour + \$5.00 per Diskette* \$15.00 per DVD 1/2 Hour Minimum Chg	County Board	\$ 800.00	Invoice		
Parcel Combination Request	\$20.00 per Request	County Board	\$ 200.00	Invoice		

*Subject to Wisconsin & Marinette County Sales Tax

Marinette County 2015 User Fees

LAND INFORMATION - Continued

<i>Fee Description</i>	<i>Fee Amount</i>	<i>Fee Determination</i>	<i>Projected Revenue</i>	<i>Collection Method</i>
Labels-Address or Legal Description Printing Data/Notice of Assess. Printing Data on Tax Bills Duplicate Bills/Receipts	\$.10 per Label \$.20 each \$.20 each \$.10 each Plus Postage if Mailed	County Board	\$ 37,000.00	Invoice
Map Plots - Existing Maps Minimum \$2.00 /Page Speciality Request - 1/2 Hr Minimum	Black/White or Color \$1.50 per sq ft Printed Area plus Margin \$50.00 per Hr + Printing Chg + Postage if Mailed	County Board	\$ 500.00	Invoice
Contracted Services Employee Time-Office/Field Time Supplies Mileage	\$50.00 per Hr/Employee Cost IRS Mileage Rate 1/2 Hour Minimum Chg	County Board		Invoice
Reclamation Permit	1 - 5 Acres - \$400.00 > 5-10 Acres - \$500.00 > 10-15 Acres - \$600.00 > 15-25 Acres - \$700.00 > 25-50 Acres - \$800.00 > 50 Acres - \$900.00 Inactive Site - \$50.00	County Board	\$ 25,000.00	Time of Application

Marinette County 2015 User Fees

LAND INFORMATION - Continued

<i>Fee Description</i>	<i>Fee Amount</i>	<i>Fee Determination</i>	<i>Projected Revenue</i>	<i>Collection Method</i>
Reclamation Plan Review Fee	\$1,000.00	County Board	\$ 1,000.00	Time of Submittal
Reclamation Plan Expedited Review Fee	\$250.00	County Board	\$ -	Time of Submittal
Reclamation Plan Plan Modification Review Fee	\$250.00	County Board	\$ -	Time of Submittal
Alternate Reclamation Request	\$125.00	County Board	\$ -	Time of Submittal
Sanitary Permits Nonpressurized - \$100 to State Pressurized - \$100 to State Aerobic or Pretreatment-\$100 to State Holding Tank - \$100 to State Transfer Renewal	\$375.00 per Permit \$425.00 per Permit \$500.00 per Permit \$450.00 per Permit \$50.00 per Permit \$150.00 per Permit	County Board County Board County Board County Board County Board County Board	\$ 75,000.00 (County Share of Permit Fee)	Time of Application Time of Application Time of Application Time of Application Time of Application Time of Application
Non-Plumbing Sanitation Permit and Sanitary Reconnects	\$150.00 per Permit	County Board	\$ 7,500.00	Time of Application

Marinette County 2015 User Fees

LAND INFORMATION - Continued

<i>Fee Description</i>	<i>Fee Amount</i>	<i>Fee Determination</i>	<i>Projected Revenue</i>	<i>Collection Method</i>
WI Fund Grant Application 50% Returned-App'l Denied by State	\$100.00	County Board	\$ 300.00	Time of Application
Zoning and/or Conditional Use Permit	\$150.00 per Permit	County Board	\$ 16,500.00	Time of Application
Zoning and/or Conditional Use Permit Renewal Fee	\$50.00	County Board	\$ -	Time of Request
Conditional Use Permit Application	\$200.00 per Permit	County Board	\$ 600.00	Time of Application
Review of S21.07(5) Mitigation Plans	\$200.00 per Review	County Board	\$ 200.00	Time of Application
Board of Adjustment Hearing	\$750.00 per Hearing	County Board	\$ 2,250.00	Time of Application
Rezoning Petition	\$400.00 per Hearing	County Board	\$ -	Time of Submittal
Certified Survey Map	\$150.00 per Map	County Board	\$ 11,250.00	Time of Submittal
Filing of Soil & Site Evaluations	\$10.00 per Evaluation	County Board	\$ 3,000.00	Time of Submittal
Zoning & Sanitary Ordinances*	\$5.00 at Office* \$5.00* + \$1.50 Postage	County Board	\$ -	Time of Request

*Subject to Wisconsin & Marinette County Sales Tax

Marinette County 2015 User Fees

LAND INFORMATION - Continued

<i>Fee Description</i>	<i>Fee Amount</i>	<i>Fee Determination</i>	<i>Projected Revenue</i>	<i>Collection Method</i>
Preliminary Plat Review	\$250.00 per Plat	County Board	\$ -	Time of Submittal
Final Plat Approval	\$100.00 per Plat	County Board	\$ -	Time of Submittal
Violation Fees	Varies per Ordinance	County Board	\$ -	Time of Citation
Agent Status Plan Review	State Plan Review	State of Wisconsin	\$ 1,200.00	Time of Approval
After the Fact - Permits Appeals/Rezones/Reviews	Triple Fee	County Board	\$ -	Time of Application
Sanitary Reinspection	\$50.00 per Inspection	County Board	\$ -	Time of Reinspection
Plat Books	\$27.00 Sales Tax included \$20.00 per Book for Retailers with Seller's Permit-10 bks Minimum \$5.00 for First Book \$3.00 ea Additional Bk	County Board	\$ 15,000.00	Time of Sale
Postage if Mailed				
Wall Maps - Mosaic of Book Pages	\$25.00	County Board	\$ -	Time of Sale

**Wisconsin Department of Agriculture, Trade and Consumer Protection
Farmland Preservation Program (ch. 91, Wis. Stats.)**

Farmland Preservation Planning Grant Application Round 4

The Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) is currently accepting county applications for farmland preservation planning grants. A grant may help pay county costs to update the county's certified farmland preservation plan (ch. 91, Wis. Stats.).

Background

In order to participate in the state farmland preservation program, a county must have a state-certified farmland preservation plan. Farmers in participating counties may qualify for significant tax credits (s. 71.613, Wis. Stats.). Most counties must update their certified plans by deadline dates ranging from 2011 to 2015 in order to continue program participation (s. 91.14, Wis. Stats.). Counties with the highest population growth faced the earliest deadlines.

A certified plan must meet state standards (ss. 91.10 and 91.18, Wis. Stats.), and must be consistent with a county's comprehensive plan, if a county comprehensive plan exists. Among other things, a certified FPP plan must identify clearly-mapped areas that the county plans to preserve for agricultural use. Farmers in those areas are eligible for state tax credits if their land is covered by a certified farmland preservation zoning ordinance or an individual farmland preservation agreement. Other farmland preservation program benefits, including farmland preservation zoning ordinances, agricultural enterprise area designations and agricultural conservation easement purchases, are likewise limited to farmland preservation areas designated in the county's certified plan.

Planning Grants

Current Grant Cycle: Eligibility and Priority

DATCP is currently accepting grant applications from counties with farmland preservation plan certification expiring *December 31, 2014*. Grants may reimburse county planning costs incurred from January 2013 through December 31, 2015 or 2016. Because this round of FP planning grants was postponed due to the need to lapse the FY 12 funds, the department will allow the term of the planning grant through December 2015 or 16. This may result in the need for the county to delay the plan certification expiration under s. 91.14(4), Wis. Stats. DATCP may extend a county planning deadline (certification expiration date) at the county's request, so that the county may coordinate the development of its farmland preservation and comprehensive plans (s. 91.14(4),

Wis. Stats.) or with other local planning efforts (s. 49.10(2), Wis. Adm. Code). More information will be coming to you related to this request.

Grant Awards

A grant may reimburse up to 50% of a county's cost to prepare a farmland preservation plan, up to a maximum grant of \$30,000. A grant recipient must enter into a grant contract with DATCP in order to receive grant funds. The grant contract will identify the planning costs that are eligible for reimbursement. Eligible costs may include county staff costs, consultant fees and related expenses incurred between January 2013 and December 2015 or 2016. County planning grants are subject to the availability of the grant funds through the approved budget.

Grant Payments

DATCP will make grant payments on a reimbursement basis, pursuant to the grant contract, after the county documents that it has incurred reimbursable costs on a DATCP reimbursement form. DATCP may make reimbursement payments comprising up to 50% of the grant award on or before the date on which the county submits the completed plan for certification by DATCP. DATCP may reimburse the balance of the eligible costs after the county submits its completed plan for certification.

Application Instructions

To apply for a planning grant, a county must complete the attached PLANNING GRANT APPLICATION FORM and submit it to DATCP by May 15, **2014**.

- Submit the application in electronic form, via email, to Kris.Modaff@wisconsin.gov. Enter "_____ County Application for FP planning grant" in the subject line.

Questions

Contact Kris at Kris.Modaff@wisconsin.gov or 608-224-4633 or Lynne D. Hess at lynne.hess@wisconsin.gov or 608-224-4637.

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June 23, 2014

Ms. Ellen C. Sorensen
County Administrator
Marinette County
1926 Hall Avenue
Marinette, WI 54143

Re: Invitation to Attend Community Scoping Meetings Regarding Riverine Flood Risk

Dear Ms. Sorensen:

The Federal Emergency Management Agency (FEMA) is funded to conduct a scoping meeting to determine the riverine flood mapping update needs in your community. These efforts are combined with the lake-wide coastal flood hazard mapping effort with the outcomes constituting the first basin-wide update of water-level statistics and flood hazard data compiled by the United States government for the Great Lakes in 25 years.

Under these riverine scoping efforts, a key phase in this study process is FEMA's consultation with local communities through the conduct of a scoping meeting and the collection of data. FEMA uses these scoping meetings and follow-up conversation to collect information that will contribute to a better understanding of local flood risk conditions. A second purpose of this outreach is to provide a venue for sharing information related to study methodology and schedules.

Details for the scoping meeting schedule are as follows:

Date: July 15, 2014
Time: 9:30-11:30 a.m.
Location: Stephenson Public Library
Community Room
Address: 1700 Hall Avenue
Marinette, WI 54143

Please consider attending this meeting if you are available. Please also distribute this information to appropriate staff in your community. At the meeting we will review the riverine flood risk data we have gathered to date and discuss your community's flood risk concerns and local floodplain management activities. The meeting will be technical in nature. As a part of the scoping process, we would like to review with you those areas within your community that might require restudy or review. Such areas might include places within the community that are currently under development or that were recently developed, areas that have known flooding problems, and where flooding problems are currently understated or overstated on the existing flood maps.

FEMA encourages attendance by community leaders, emergency managers, GIS specialists, engineers and local planners. We also encourage attendance by local consultants, representatives of non-governmental organizations and other key stakeholders involved in floodplain activity and overall floodplain management in your community. Individuals who plan to attend are asked to send RSVP to FEMA's study contractor (STARR) Amol Daxikar at (617) 452-6386 or email to GreatLakesFloodStudy@starr-team.com by July 9, 2014. Kindly reference meeting date and time in your RSVP.

Ms. Ellen C. Sorensen
June 23, 2014
Page 2

To help us in the local data collection process, we are enclosing a data request form that we ask you fill out. You may send this to us before or after the conduct of this scoping meeting, or hand-deliver at the meeting.

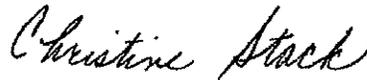
The completed form can be sent to:

Via e-mail: GreatLakesFloodStudy@starr-team.com
By mail: Amol Daxikar
CDM Smith, 50 Hampshire Street, Cambridge, MA 02139

The goal of Risk MAP is to support actions that reduce the risk to loss of life and property from flooding and other natural hazards. In certain communities FEMA may also use Risk MAP to deliver new risk planning and assessment products, also referred to as non-regulatory products and datasets. Please see enclosed Risk MAP Flood Risk Products Fact Sheet. For information on the Risk MAP Program, please visit www.fema.gov/plan/prevent/fhm/rm_main.shtm.

We look forward to seeing you at the upcoming Scoping Meeting. For more information please contact Ken Hinterlong, FEMA Region V Senior Engineer by email at ken.hinterlong@fema.dhs.gov, or call Ken at (312) 408-5529.

Sincerely,



Christine Stack
Division Director
Mitigation Division, FEMA Region V

Enclosures: Risk MAP Flood Risk Products Fact Sheet
Scoping Data Request Form

cc: Kathy Brandt, County Clerk, Marinette County
Eric Burmeister, Emergency Management Director, Marinette County
Raymond Palonen, Highway Commissioner, Marinette County
Gary Heinrichs, State NFIP Coordinator, Wisconsin Department of Natural Resources
Roxanne Gray, Hazard Mitigation Officer, Wisconsin Emergency Management



FEMA



Risk MAP Flood Risk Products

Risk MAP provides community members and state and community officials with three non-regulatory flood risk products to help enhance understanding of flood risk and its potential impact on communities and individuals. These products will also enable communities to take proper mitigation actions to reduce this risk.

- Flood Risk Report (FRR)
- Flood Risk Map (FRM)
- Flood Risk Database (FRD)

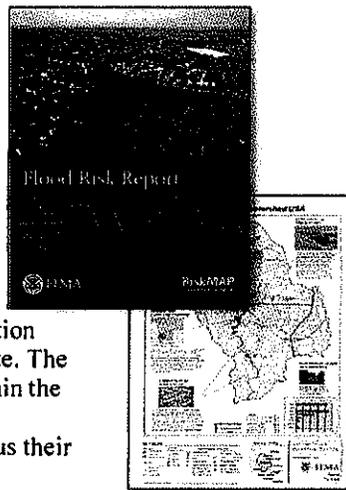
These products will summarize information captured through the Flood Risk Datasets during a Flood Risk Project. These datasets include:

- Changes Since Last Flood Insurance Rate Map (FIRM)
- Flood Depth and Analysis Grids
- Flood Risk Assessment Data
- Areas of Mitigation Interest

To view flood risk products for your community, visit the [Map Service Center \(MSC\) Product Catalog](#).

Flood Risk Report, Flood Risk Map and Flood Risk Database

The **Flood Risk Report** provides stakeholders with a comprehensive understanding of flood hazard and risk exposure within their community, watershed or other geographic area. This report provides a narrative of the flood risk assessment methodology and results, as well as risk assessment information that can be incorporated into mitigation plans.



The report will also include a **Flood Risk Map** that depicts select flood risk data for jurisdictions within the project area, emphasizing that risk reduction activities may have an impact beyond the project site. The map also highlights areas of mitigation interest within the project area that may be of greatest significance or importance to the communities as they begin to focus their efforts and resources on reducing their risk.

The **Flood Risk Database** stores all of the flood risk datasets for a flood risk project, including the information shown in the FRM and FRR.

Planning for Risk

Risk is the possibility of suffering harm or loss; danger; a factor, thing, element or course involving uncertain danger; a hazard.

Hazard mitigation planning is the process state, tribal, and local governments use to identify risks and vulnerabilities associated with natural disasters and to develop long-term strategies for protecting people and property from future hazard events.

What is Hazus?

Hazus-MH is a powerful risk assessment methodology for analyzing potential losses from floods, hurricane winds and earthquakes.

Risk Assessments Allow Communities to Analyze:

- **Physical damages** to residential/commercial buildings, schools, critical facilities and infrastructure
- **Economic losses**, including lost jobs, business interruptions, repair and reconstruction costs
- **Social impacts**, including estimates of shelter requirements, displaced households and population impacted

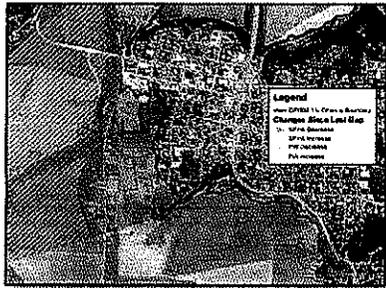
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The FRD will be the primary source to access information collected and developed during the flood risk assessment process. The FRD provides a wealth of GIS data that may be used to communicate and visualize flood risk in an ad-hoc basis for a variety of users.

Changes Since Last FIRM

The **Changes Since Last FIRM** dataset helps communities understand changes to their flood maps and prepare for the upcoming flood map adoption process. This product is a

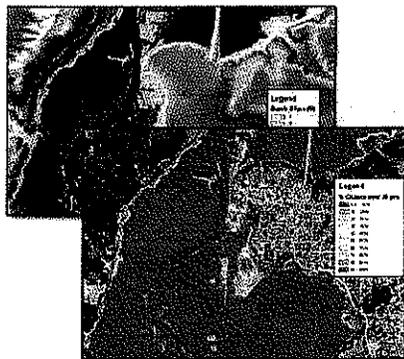


spatial dataset that identifies areas of floodplain and flood zone changes that have occurred since the previous flood map study. The dataset captures areas where the floodplain and

floodway have increased or decreased, as well as areas where the flood zone designation has changed (e.g., A to AE). In areas where the mapped flood hazard has changed, the engineering factors that may have contributed to that change may also be identified within the dataset. The built environment affected by the change is quantified and summarized to help locate previously unidentified areas at risk.

Flood Depth and Analysis Grids

Flood Depth and Analysis Grids help communities better understand their flood hazard and risk in the mapped floodplain. Depth Grids are produced for the 10%, 4%, 2%, 1%, and 0.2% annual chance events for riverine flooding; the 1% annual chance event for coastal flooding and can be produced for areas affected by levee and dam flooding. Other analysis grids are created that depict the percent annual chance of flooding and the percent chance of flooding over a 30-year time period in the floodplain.

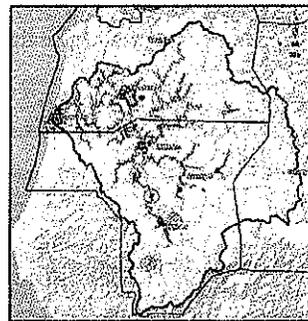


Flood Risk Assessment

Flood Risk Assessments help guide community mitigation efforts by highlighting areas where risk reduction actions may produce the highest return on investment. Building on the foundation of the 2010 nationwide Hazus Level 1 Average Annualized Flood Loss (AAL) Study, refined Hazus loss estimation analyses will be done for new or updated flooding sources with default Hazus building stock



information. Where local built environment data is available, risk assessments can be performed at the building or structure level. Communities are encouraged to pursue enhanced analysis where possible by providing FEMA with additional GIS data such as parcel data, building footprints or elevation certificates. Communities may also provide additional funding to support analysis enhancement. The results of these flood risk assessments can be used to help communities prioritize mitigation opportunities and can be incorporated into hazard mitigation plans.



Areas of Mitigation Interest

The **Areas of Mitigation Interest** dataset helps communities better understand the impact of multiple physical factors on the floodplain elevation and extent. This spatial dataset, identifies conditions within a flood risk project area (watershed or otherwise) that may contribute to the severity of the flood hazard and associated losses. These conditions include areas with a history of flood claims, hydraulic or other structures that contribute to backwater (e.g., undersized culverts, bridges and dams), and areas experiencing land use change or development. By identifying these conditions within the watershed this product will also assist communities in determining potential mitigation opportunities.

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Community Scoping Data Request Form

Thank you for taking the time to complete this questionnaire. We are interested in obtaining riverine/inland-specific data for your community. It will provide important information to help FEMA understand flood risk issues in your community and to work with you in increasing your community's resilience to flooding through implementation of the Risk MAP program. In addition, this form can be used as a way to prepare for the upcoming Scoping Meeting, as the topics on this form will be discussed throughout the meeting.

Once you have completed the questionnaire, please return the form:

Via e-mail: GreatLakesFloodStudy@starr-team.com
By mail: Amol Daxikar
CDM Smith
50 Hampshire Street, Cambridge, MA 02139
E-mail: Amol.Daxikar@starr-team.com, Ph: 617 452 6386

Please provide as much information as possible. If you have any questions about the Scoping process or about completing this questionnaire, please contact:

Amol Daxikar

Contact Information	
Community/Organization	
Name:	
Title:	
Address:	
E-mail:	
Phone:	
Contact Preference	<input type="checkbox"/> Email <input type="checkbox"/> Phone <input type="checkbox"/> Mail



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Please check off the types of data you will provide

Base Map Data		<i>Please select available data type</i>	
<input type="checkbox"/>	Topography (e.g., LiDAR or contour data)	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Property information (e.g., Building footprints, parcel data, tax assessor's data)	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Land Use	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Vegetation Type	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
Engineering Data			
<input type="checkbox"/>	Hydraulic structures (e.g., bridges, culverts, levees, dams) with inspection status, if available	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Changes to existing structures	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Hydrology (if conducted)	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	High water marks	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Locations of dam removal (or similar) projects	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Other relevant engineering data	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
Other Data			
<input type="checkbox"/>	Known future development areas	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Elevated roads	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Critical facilities	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>
<input type="checkbox"/>	Other relevant data	<input type="checkbox"/> <i>Hard copy</i>	<input type="checkbox"/> <i>Digital</i>



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Please provide the following information about the community:

Historical Flood Data		
Are you aware of any riverine flooding issues <i>not</i> represented on effective FIRMs:	<input type="checkbox"/> yes <input type="checkbox"/> no	If yes, please explain and provide inundation areas of historic flooding events if available.
Risk Assessment		
Does your community have HAZUS-based loss estimates from average annualized loss?	<input type="checkbox"/> yes <input type="checkbox"/> no	If yes, please describe:
Does your community have other risk assessment data?	<input type="checkbox"/> yes <input type="checkbox"/> no	If yes, please describe:



FEMA

RiskMAP

Increasing Resilience Together

<p>Does your community have areas of recent or planned development/re-development and areas of high growth or other natural land changes (e.g., wildfires or landslides):</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no</p>	<p>If yes, please describe:</p>
<p>Are there any locations of other ongoing studies or projects and studied areas that have been modified since the effective map and require an updated study (e.g., highway improvement, seawall improvement, etc.)</p>	<p><input type="checkbox"/> yes <input type="checkbox"/> no</p>	<p>If yes, please describe:</p>
<p>Any other comments/concerns based on local knowledge:</p>		