Please be advised that the Barry County Board of Commissioners has scheduled a Board of Commissioners meeting on December 14, 2021 at 9:00 a.m.
for the purpose of:

AGENDA
for Barry County Board of Commissioners
December 14, 2021; 9:00 a.m.; Commission Chambers
For more information go to: www.barrycounty.org

1. Call To Order at 9:00 a.m.

2. Moment of Silence/Invocation

3. Pledge of Allegiance

4. Roll Call

5. Approval of Written Agenda (including consent items & items for discussion)

6. Reports from State and County Officers

7. Limited Public Comment (3 minutes per person)

8. Various Correspondence

9. Consent Items (voted upon at one time by roll call vote):
   a. Approval of November 23, 2021 Board of Commissioners meeting minutes.
   b. Approval of November 30, 2021 ARPA Public Forum, Committee of the Whole meeting minutes.
   c. Approval of December 7, 2021, Committee of the Whole meeting minutes.
   d. Approval to reappoint Holly Pineiro as recommended by the Barry County Humane Society to serve as the Humane Society representative for a one-year term on the Barry County Animal Shelter Advisory Board that begins on 1/1/2022 and expires on 12/31/2022.
   e. Approval to reappoint Craig Stolsonburg to serve on the Barry County Transit Board for a three-year term that begins on 1/1/22 and expires on 12/31/24.
   f. Approval to re-appoint Cynthia Vujea to serve on the Central Dispatch Board in a citizen at large position for a four-year term that begins on 1-1-22 and expires on 12-31-25.
   g. Approval to re-appoint David Tripp to serve on the Barry County Building Authority for a three-year term that begins on 1/1/22 and expires on 12/31/24.
   h. Approval to re-appoint Mike Timmons to serve on the Barry County Veteran's Affairs Committee for a four (4) year term that begins on 1/1/2022 and expires on 12/31/25.
   i. Approval to submit the attached 2022 Grant Application to the Michigan Department of Licensing and Regulatory Affairs (LARA), Bureau of Medical Marihuana Regulation for the Barry County Substance Abuse Task Force to conduct education, communication and outreach regarding the Michigan Medical Marihuana Act in Barry County.
   j. Approval of the 2022 agreement between Barry County and Michigan State University for access to MSU Extension programing.
   k. Approval of the FY 2022 BJA Grant Contracts for Adult Drug Court and Sobriety Court, and authorize the Chairperson to sign the grant contracts via DocuSign.
   l. Approval of the Audit Engagement Agreement with Walker Fluke & Sheldon, P.C. to perform the 2021 Barry County Road Commission annual audit.
   m. Approval for Barry County to "opt in" to the National Opioid Settlement Agreement and authorize Benjamin Geiger, Barry County Board Chair to sign and submit the settlement participation form on behalf of Barry County.
   (roll call vote)

10. Presentations – 1. Chair Geiger - Barry County Employee Service Awards

2. Michelle Williams,CEO Community Action – Community Action Programs & Services

11. Public Hearings - None

12. Items for Consideration (roll call vote indicated)
    Approval of transfers and disbursements:
    a. Approval of pre-paid invoices in the amount of $5,921,300.12
    b. Approval of claims in the amount of $45,092.27
    c. Approval of Commissioner Reimbursements (mileage) in the amount of $57.46 **(roll call vote)**
    d. Adoption of Resolution #21-27, Pledging the Full Faith and Credit to Crooked Brook Intercounty Drain Bonds. **(roll call vote)**
    e. Adoption of Resolution #21-28, Resolution of Intent to File for State Operating Assistance for Fiscal Year 2023. **(roll call vote)**
    f. Adoption of Resolution #21-29 to adopt the 2021 Barry County Hazard Mitigation Plan and authorize the chair and emergency management coordinator to sign. **(roll call vote)**
    g. Adoption of Resolution #21-31 To Authorize Auditor to Make Final Year-End Appropriations. **(roll call vote)**
    h. Adoption of Resolution #21-32 To Authorize the Auditor to Transfer 2021 General Fund Surplus Funds to Various Internal Service Funds. **(roll call vote)**
    i. Approval to confirm the reappointment of Frank Fiala for the year 2022 to serve as the Barry County Road Commissioner on the Barry County Solid Waste Oversight Committee, as recommended by the Barry County Road Commission. **(roll call vote)**
    j. Approval to authorize the addition of a third Kennel Worker position working 18 hours per week, with funds to come from General Fund Contingency. **(roll call vote)**
    k. Approval of Budget Amendment 21-E. **(roll call vote)**

13. Unfinished Business

14. New Business

15. County Administrator's Report

16. Chairperson's Report

17. Vice Chairperson's Report

18. Commissioner Reports (for items not on the Agenda)

19. Limited Public Comment (3 minutes per person)

20. Other Business

21. Adjournment

Ben Geiger, Chair
Barry County Board of Commissioners

Unless otherwise posted in accordance with the Open Meetings Act, Board of Commissioners meetings are held at the Barry County Courthouse, Commissioners Chambers, 220 W. State St., Hastings, MI 49058. Questions regarding the meeting may be addressed to Michael Brown, Barry County Administrator, Barry County Courthouse, 220 W. State St., Hastings, MI 49058; (269) 945-1284.

Meetings of the Barry County Board of Commissioners are open to all without regard to race, sex, color, age, national origin, religion, height, weight, marital status, political affiliation, sexual orientation, gender identity or disability. Barry County will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at the meeting/hearing, to individuals with disabilities at the meeting/hearing upon four (4) business days notice to the County. Individuals with disabilities requiring auxiliary aids or services should contact the County by writing or calling: Michael Brown, County Administrator, Barry County, 220 W. State St., Hastings, MI 49058; 269-945-1284.

Only members of the Barry County Board of Commissioners shall be given the floor to speak during any Board meeting, except 1) Anyone who desires to speak under Limited Public Comment; 2) County officials and/or personnel may speak with the consent of the Chairperson; 3) Any person, with the consent of the Chairperson and/or a majority of the Board; 4) Public comment shall be limited to no more than three minutes per individual and at the times designated as stated above, except where extended privileges are granted by the Chairperson.

Barry County Board of Commissioners
November 23, 2021; 9:00 a.m.; Commission Chambers
MINUTES

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1. Chair Ben Geiger called the regular session of the Barry County Board of Commissioners to Order at 9:00 a.m.

2. Invocation led by Commissioner Geiger.

3. Those present stood and said the Pledge of Allegiance to the Flag of the United States of America.

4. Roll Call was taken. The following members were present: Bruce Campbell, Vivian Conner, Ben Geiger, Catherine Getty, Howard Gibson, David Jackson, and Jon Smelker. Also present: County Administrator Michael Brown, and Clerk Pam Palmer.

5. Approval of Written Agenda (including consent items & items for discussion).
Commissioner Conner asked to have Item (d) removed from the Consent Items to Items for Consideration.
Elden Shellenbarger asked to have item (c) removed from Consent Items to Items for Consideration.

   The written agenda was approved as amended without objection.

6. REPORTS FROM STATE AND COUNTY OFFICERS: None.

7. LIMITED PUBLIC COMMENT: (3 minutes per person) –

   - Elden Shellenbarger presented a fax machine to Ben Geiger, Chairman of the Barry-Eaton District Health Department Board on behalf of Charles Hertzler to save the taxpayers money.
   - Danny Quanstrom, Pastor of Church of the Nazarene, thanked the commissioners for their work and implored them to be representatives of their community.

8. VARIOUS CORRESPONDENCE: None.

9. CONSENT ITEMS: (voted upon at one time by roll call vote):
   a. Approval of November 9, 2021 Board of Commissioners meeting minutes.
   b. Approval of November 16, 2021, Committee of the Whole meeting minutes.
   c. Approval of grant number EMC-2021-EP-00006 State of Michigan Fiscal Year 2021 Emergency Management Performance Grant American Rescue Plan Act, Grant Agreement and authorize the board chair to sign the grant agreement. *(Removed to Items for Consideration).*
   d. Approval to permit Elected Officials and Department Heads the flexibility to deviate from current policies, applicable to non-represented employees, regarding Entrance Salary Rate; Hospital/Medical Insurance; and Vacation Leave to facilitate the recruitment and hiring of talent during this difficult labor market. *(Removed to Items for Consideration).*

e. Approval of the Michigan Department of Agriculture Farmland and Open Space Preservation Program applications (more commonly known as PA 116) #21-08 for Mr. and Mrs. Joshua Chase in Sections 6 of Castleton Township.
f. Approval of the Planning Department Fee Schedule changes that were included in the 2021-22 Budget.
g. Approval to purchase forty (40) portable radios for law enforcement personnel, per the attached quote from Digicom Global Inc., at a total cost of $87,714 (including $10,000 for activation) with funds to be paid from the Capital Replacement Fund.
h. Approval to appoint City Manager Sarah Moyer-Cale to serve on the Barry County Solid Waste Oversight Committee in the position representing the City of Hastings for a three-year term that began on 11/1/21 and expires on 10/31/24, as approved by the Hastings City Council on October 25, 2021.
i. Approval of the attached Administrative Services Agreement between Barry County and VARIPRO of Grand Rapids, Michigan, effective January 1, 2022 through December 31, 2022 for Short Term Disability Administration and authorize the County Administrator to sign it.
j. Approval of the Agreement for Economic Development Services between Barry County and the Barry County Chamber & Economic Development Alliance for the period January 1, 2022 through December 31, 2022. **(roll call vote)**

Moved by Jackson, seconded by Gibson for approval of the above named items. Roll call vote. Ayes: Campbell, Conner, Geiger, Getty, Gibson, Jackson, and Smelker. Nays: None. Motion carried.

10. PRESENTATIONS: None.

11. PUBLIC HEARINGS: None.

12. ITEMS FOR CONSIDERATION: (roll call vote indicated) Approval of transfers and disbursements:
a. Approval of claims in the amount of $83,064.67 **(roll call vote)**

Moved by Conner, seconded by Smelker for approval of claims in the amount of $83,064.67. Roll call vote. Ayes: Campbell, Conner, Geiger, Getty, Gibson, Jackson, and Smelker. Nays: None. Motion carried.

(c) Approval of grant number EMC-2021-EP-00006 State of Michigan Fiscal Year 2021 Emergency Management Performance Grant American Rescue Plan Act, Grant Agreement and authorize the board chair to sign the grant agreement. *(Removed to Items for Consideration).* Roll call vote. Ayes: Campbell, Conner, Geiger, Getty, Gibson, Jackson, and Smelker. Nays: None. Motion carried.

(d) Approval to permit Elected Officials and Department Heads the flexibility to deviate from current policies, applicable to non-represented employees, regarding Entrance Salary Rate; Hospital/Medical Insurance, and Vacation Leave to facilitate the recruitment and hiring of talent during this difficult labor market to be reviewed by the Board of Commissioners prior to 1/1/23. Roll call vote. Ayes: Campbell, Conner, Geiger, Getty, Gibson, Jackson, and Smelker. Nays: None. Motion carried.

b. UNFINISHED BUSINESS: None.

c. NEW BUSINESS: None.

d. COUNTY ADMINISTRATOR'S REPORT: None.

e. CHAIRPERSON'S REPORT: Chair Geiger reminded everyone of the public forum next Tuesday, November 30, 2021 at 7:00 p.m. at the Hastings Performing Arts Center to discuss the ARPA funds.

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f. VICE CHAIRPERSON'S REPORT: None.

g. COMMISSIONER REPORTS: (FOR ITEMS NOT ON THE AGENDA) – Each commissioner reported on their various committees, boards, events, and meetings.

h. LIMITED PUBLIC COMMENT: (3 MINUTES PER PERSON)

- Elden Shellenbarger stated that 45 villages and townships did not opt to take ARPA funds. ARPA funds will end up putting a burden on our children because the money is not free. Someone will end up paying for these funds.
- Danny Quanstrom wondered what percentage of the county is vaccinated, which is 47 – 48%. The State is not making recommendations at this point, so what are our locals doing to make sure our community is protected.

21. OTHER BUSINESS: None.

22. ADJOURNMENT: at 9:27 a.m.

_____
Ben Geiger, Chair
Barry County Board of Commissioners

_____
Pamela A. Palmer, County Clerk

Approved: _____
Date & Initials

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Barry County Board of Commissioners
Public Forum – Barry County American Rescue Plan Act (ARPA) Advisory Team Funding Recommendations
November 30, 2021; 7:00 p.m.; Hastings Performing Arts Center, Hastings High School, 520 W. South St., Hastings, MI 49058
MINUTES

Chair Geiger called the meeting to order at 7:00 p.m.

Roll Call of Members Present: Commissioners Bruce Campbell, Vivian Conner, Ben Geiger, Catherine Getty, Howard Gibson, David Jackson and Jon Smelker. Also present: Michael Brown, Luella Dennison, and Clerk Pam Palmer.

Opening remarks from Chair Ben Geiger.

PUBLIC COMMENT:

- Elden Shellenbarger stated he feels the ARPA money is blood money which will rob from the social security system and leave the burden of debt to our children. He urged the public to vote for common sense.
- Colleen Acker commended the committee for their recommendations.
- Rob Heethuis, Yankee Springs Supervisor, commended the board for their work and stated he hopes to participate in the second round of applications.
- Stephanie Hester is concerned that the funds be utilized as intended for covid-19 relief funds, so the government does not request the money be returned at a later date.
- Kiera Hilton is skeptical of attaching funds to improper projects. She also questioned the selection process of the task force committee and their qualifications.
- Marie Calderon from Baltimore Township expressed concern by accepting government money, will it enslave us to the government for 12 million dollars.
- Chris Stafford thanked the commissioners for holding a public meeting and for due diligence to understand requirements.
- Kathy Forsythe commended the commissioners and the ARPA Advisory Tearm for all of their work.
- Steve Pester questioned if turning down the money, versus the risk of accepting the money has been taken into consideration.
- Mike Cunningham from Yankee Springs Township asked that this process be slowed down. He stated the Federal government is still issuing rules as to how to spend the money. He stated we have four years to decide how to spend the money and six years to actually spend it. We are mortgaging our kids future.
- Jeri Nichols from Baltimore Township expressed concern for the childrens' future.
- Adam Heikkila asked the ARPA Advisory Team if they had read the ARPA Act and the way the funds were to be used. He stated that government money always has strings attached.
- Kathy Hayes expressed her appreciation to the ARPA Advisory Team and commissioners for their time vested in our future. She wants Barry County to be a place for her children to live.
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- Gary White asked if an auditor has been contacted about this money and has money been saved out to cover legal fees, or are the taxpayers expected to cover those fees?
- Jillian Foster stated she is confident in the decisions of the ARPA Advisory Team.
- Steve Schilds warned the county to be careful of taking Federal money, and hope they have looked at all of the possibilities.

Bonnie Gettys of the ARPA Advisory Team gave an overview presentation of the applications for ARPA funds and the scoring process used by the Task Force Committee.

County Commissioners thanked the ARPA Advisory Team for their work on this project, and some asked questions regarding certain aspects of this process.

Jennifer Heinzman of the ARPA Advisory Team presented the application for the Delton Water Tower Project for 1.3 million dollars. Barry Township also plans to commit their ARPA Township funds to this project in the amount of $367,910. Barry Bower, Barry Township Supervisor, also spoke regarding the needs for the Delton Water Tower.

Jennifer Heinzman also presented the Village of Freeport Water Tower rehabilitation project in the amount of $839,000. The rehabilitation to the water tower will bring it to OSHA and MIOSHA standards as opposed to having to build a new tower at a cost of 1.8 million dollars. The tower has the potential for broadband antennae placement. The Village of Freeport is putting $179,689 into the project with another $52,334 pending. Bill Andrews and Duane Weeks also spoke regarding this project.

Carla Wilson-Neil spoke regarding the Barry Central 911 application for an 800 MHZ tower, which will provide coverage needed for emergency dispatching to police, fire and EMS, in the amount of $2.4 million dollars. Stephanie Lehman, Director of Barry Central 911 also gave an explanation for their application.

Carla Wilson-Neil also presented the Algonquin Lake Sewer & Broadband application in the amount of $14,000, which will be used for a sewer and broadband study. Sandy Drummond spoke on behalf of their application request.

Craig Jenkins presented the application for Blue Zones in the amount of $107,620. The ARPA Advisory Team funding recommendation is $100,000. Larry Case spoke on behalf of this request.

Rob Geyer presented the application on behalf of the Parks application in the amount of $1.237,500. The ARPA Advisory Team Funding recommendation is $650,000. The park and trail system has been greatly utilized during the pandemic. Dan Patton, Daryl Cheeseman and Rick Moore spoke on behalf of this request.

Lani Forbes presented the application on behalf of the Barry County Road Commission in the amount of $923,327.27 in lost revenue due to covid - 19. The

ARPA Advisory Team Funding recommendation is $240,000. During the pandemic, less usage of gas significantly impacted their budget. Brad Lambert from the Road Commission spoke in regard to this request.

Moved by Conner, seconded by Jackson to adjourn at 8:45 p.m. All ayes. Nays: None. Motion carried.

_____
Ben Geiger, Chair
Board of Commissioners

_____
Pamela A. Palmer, County Clerk

Approved: _____
Date & Initials

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Barry County Board of Commissioners - Committee of the Whole
December 7, 2021; 9:00 a.m.; Commission Chambers
MINUTES

Members Present: Commissioners Bruce Campbell, Vivian Conner, Ben Geiger, Catherine Getty, Howard Gibson, David Jackson, and Jon Smelker.

Others present: Michael Brown, Luella Dennison, Clerk Pam Palmer, Rebecca Pierce, Dep. Jack Ward (Posse), David Shinavier, Adam Heikkila, Pat Jamison, Rick Moore, Mark Bonsignore, Jim Yarger, Michele Peltier, Jim Dull, Roger Swets, David Tripp, Scott Baker, Robert Geyer, Martin Kretovic, Dennis Mapes, Mike Timmons, Bill Voigt, Liz Lenz, Erin Moore, Ken Kirsch, Tammi Price, Dan Allen, Mike Spangler, Gary White, Jack Miner, Carla Wilson-Neil, Tim McKay, Tammy Hayes, Kelly Case, Darlene Niethamer, Pam Jarvis, Rich Thiemkey, Maria Calderon, Rebecca Hart, Stephanie Hester, Chloe Kelly, Dar Leaf, and others.

Chair Geiger called the meeting to order at 9:00 a.m.

Those present stood and said the Pledge of Allegiance.

PUBLIC COMMENT:
- Stephanie Hester told the commissioners about her FOIA request for a list of voters for the November 2020 election and asked why they charge for that information, even though she had requested a hardship waiver.
- Gary White stated the ARPA meeting was not well run in his opinion and criticized the attack from a member of the ARPA Advisory Team toward a member of the public. He also criticized that there was not a second public comment time on the agenda and asked if the commissioners were really ready for the ARPA funds.
- Adam Heikkila compared the ARPA meeting to a political theater in a theater setting. He commented that there was no second public comment time, and taking the funds would result in government control.
- Mark Bonsignore stated he has been involved in politics for a long time, and considers the ARPA funds an opportunity to make improvements to our community.
- Carla Wilson-Neil commented on a letter that was sent to the commissioners in support of Mike Timmons for the Veterans Affairs' position.

JIM DULL – Resolution Pledging Full Faith and Credit for Crooked Brook Intercounty Drain Bonds

Moved by Gibson, seconded by Jackson to recommend to the Board of Commissioners adoption of Resolution #21-27, Pledging the Full Faith and Credit to Crooked Brook Intercounty Drain Bonds. Discussion. All ayes. Nays: None. Motion carried.

Interviews for Building Authority (1 position):
Michele Peltier withdrew her application for Building Authority in light of incumbent David Tripp reapplying for this position.

Moved by Smelker, seconded by Gibson to recommend to the Board of Commissioners approval to reappoint David Tripp to serve on the Barry County Building Authority for a three-year term that begins on 1/1/22 and expires on 12/31/2024. Discussion. All ayes. Nays: None. Motion carried.

Recess at 9:33 a.m. Resume meeting at 9:40 a.m. with all commissioners present.

Interviews for Veterans Affairs (1 position):
Scott Baker interviewed from 9:40 a.m. to 8:46 a.m.
Robert Geyer interviewed from 9:46 a.m. to 9:55 a.m.
Martin Kretovic interviewed from 9:55 a.m. to 10:01 a.m.
Dennis Mapes interviewed from 10:01 a.m. to 10:10 a.m.
Shawn Ricketts did not interview due to illness
Mike Timmons* interviewed from 10:11 a.m. to 10:18 a.m.

Recess at 10:18 a.m. Resume meeting at 10:25 a.m. with all commissioners present.

BILL VOIGT – Resolution of Intent FY2023

Moved by Gibson, seconded by Getty to recommend to the Board of Commissioners adoption of Resolution #21-28, Resolution of Intent to File for State Operating Assistance for Fiscal Year 2023. Discussion. All ayes. Nays: None. Motion carried.

JIM YARGER – Resolution to Adopt 2021 Barry County Hazard Mitigation Plan

Moved by Jackson, seconded by Smelker to recommend to the Board of Commissioners adoption of Resolution #21-29 to adopt the 2021 Barry County Hazard Mitigation Plan and authorize the chair and emergency management coordinator to sign. Discussion. All ayes. Nays: None. Motion carried.

LIZ LENZ – Medical Marijuana Grant Application

Moved by Getty, seconded by Smelker to recommend to the Board of Commissioners approval to submit the attached 2022 Grant Application to the Michigan Department of Licensing and Regulatory Affairs (LARA), Bureau of Medical Marihuana Regulation for the Barry County Substance Abuse Task Force to conduct education, communication and outreach regarding the Michigan Medical Marihuana Act in Barry County. Discussion. All ayes. Nays: None. Motion carried.

ERIN MOORE – MSU Extension Service Agreement

Moved by Conner, seconded by Gibson to recommend to the Board of Commissioners approval of the 2022 agreement between Barry County and Michigan State University for access to MSU Extension programming. Discussion. All ayes. Nays: None. Motion carried.

KEN KIRSCH – Request for Additional PT Kennel Worker Position

Moved by Jackson, seconded by Smelker to recommend to the Board of Commissioners approval to authorize the addition of a third Kennel Worker position working 18 hours per week. Discussion. All ayes. Nays: None. Motion carried.

TAMMI PRICE – FY2022 BJA Grant Contracts for Adult Drug Court and Sobriety Court

Moved by Gibson, seconded by Jackson to recommend to the Board of Commissioners approval of the FY 2022 BJA Grant Contracts for Adult Drug Court and Sobriety Court, and authorize the Chairperson to sign the grant contracts via DocuSign. Discussion. All ayes. Nays: None. Motion carried.

Moved by Smelker, seconded by Gibson to recommend to the Board of Commissioners approval to reappoint Mike Timmons to serve on the Barry County Veteran's Affairs Committee for a four (4) year term that begins on 1-1-2022 and expires on 12-31-25. Discussion. All ayes. Nays: None. Motion carried.

MICHAEL BROWN - 1. Re-appointments to Boards:

a. Central Dispatch Board

Moved by Jackson, seconded by Smelker to recommend to the Board of Commissioners approval to reappoint Cindy Vujea to serve on the Central Dispatch Board in a citizen at large position for a four-year term that begins on 1/1/22 and expires on 12-31-25. Discussion. All ayes. Nays: None. Motion carried.

b. Barry County Transit Board

Moved by Jackson, seconded by Smelker to recommend to the Board of Commissioners approval to reappoint Craig Stolsonburg to serve on the Barry County Transit Board for a three-year term that begins on 1/1/22 and expires on 1/31/2024. Discussion. All ayes. Nays: None. Motion carried.

c. Animal Shelter Advisory Board

Moved by Jackson, seconded by Smelker to recommend to the Board of Commissioners approval to reappoint Holly Pineiro as recommended by the Barry County Humane Society to serve as the Humane Society representative for a one-year term on the Barry County Animal Shelter Advisory Board that begins on 1/1/2022 and expires on 12/31/2022. Discussion. All ayes. Nays: None. Motion carried.

d. Solid Waste Oversight Committee

Moved by Jackson, seconded by Smelker to recommend to the Board of Commissioners approval to confirm the reappointment of Frank Fiala to serve as the Barry County Road Commissioner on the Barry County Solid Waste Oversight Committee for the year 2022, as recommended by the Barry County Road Commission. Discussion. All ayes. Nays: None. Motion carried.

a. Brownfield Redevelopment Board

Moved by Getty, seconded by Smelker to recommend to the Board of Commissioners approval to re-appoint Cindy Vujea to the Brownfield Redevelopment Authority for a three-year term beginning on 1/1/22 and expiring on 12/31/2024. Discussion. All ayes. Nays: None. Motion carried.

2. National Opioid Settlement

Moved by Gibson, seconded by Jackson to recommend to the Board of Commissioners that Barry County "opt in" the National Opioid Settlement Agreement and authorize Benjamin Geiger Barry County Board Chair to sign and submit the settlement participation form on behalf of Barry County. Discussion. All ayes. Nays: None. Motion carried.

Recess at 11:34 a.m. Resume meeting at 11:40 a.m. with all commissioners present.

3. Road Commission 2021 Audit Engagement Letter

Moved by Jackson, seconded by Gibson to recommend to the Board of Commissioners approval of the Audit Engagement Agreement with Walker Fluke & Sheldon, P.C. to perform the 2021 Barry County Road Commission annual audit. Discussion. All ayes. Nays: None. Motion carried.

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4. Budget Amendment 21-E

Moved by Gibson, seconded by Conner to recommend to the Board of Commissioners Approval of Budget Amendment 21-E. Discussion. All ayes. Nays: None. Motion carried.

5. Resolution to Authorize Auditor to Make Final Year End Appropriations

Moved by Smelker, seconded by Getty to recommend to the Board of Commissioners adoption of Resolution #21-31 To Authorize Auditor to Make Final Year-End Appropriations. Discussion. All ayes. Nays: None. Motion carried.

6. Resolution to Authorize Auditor to Transfer General Fund Surplus to Internal Service Funds

Moved by Conner, seconded by Jackson to recommend to the Board of Commissioners adoption of Resolution #21-32 To Authorize the Auditor to Transfer 2021 General Fund Surplus Funds to Various Internal Service Funds. Discussion. All ayes. Nays: None. Motion carried.

PUBLIC COMMENT:
Pat Jamison criticized the ARPA meeting that was held Tuesday, November 30, 2021 at 7:00 p.m. at the Hastings Performing Arts Center, specifically in reference to the exchange that occurred with the ARPA Advisory Team Funding Coordinator and a member of the audience. He also commented on Commissioner Getty not wearing a mask at a meeting she attended last week in Yankee Springs.

ADJOURNMENT: at 11:55 a.m.

_____
Ben Geiger, Chair
Board of Commissioners

_____
Pamela A. Palmer, County Clerk

Approved: _____
Initials & Date

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AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: December 14, 2021, Board of Commissioners

DEPARTMENT: Board of Commissioners

PREPARED BY: Luella Dennison, Deputy County Administrator

SUBJECT: Animal Shelter Advisory Board - Humane Society Representative Appointment

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners approval to reappoint Holly Pineiro as recommended by the Barry County Humane Society to serve as the Humane Society representative for a one-year term on the Barry County Animal Shelter Advisory Board that begins on 1/1/2022 and expires on 12/31/2022.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only:): Approval to reappoint Holly Pineiro as recommended by the Barry County Humane Society to serve as the Humane Society representative for a one-year term on the Barry County Animal Shelter Advisory Board that begins on 1/1/2022 and expires on 12/31/2022.

DESCRIPTION OF ACTION: The by-laws of the Barry County Animal Shelter Advisory Board designate one member of the nine-member board as a representative of the Barry County Humane Society. This position has a one-year term, and each year the Barry County Humane Society recommends an individual, by letter, to serve as their representative.

TIME FRAME OF ACTION: New term begins on 1/1/2021.

FUNDING REQUIRED: YES_____ NO ____x____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: None.

NEW OR RENEWAL: NA.

ANY OTHER PERTINENT INFORMATION: Attached is a copy of the roster for the Animal Shelter Advisory Board, e-mail correspondence Pattie Richards of the Barry County Humane Society naming Holly Pineiro as their representative to the Barry County Animal Shelter Advisory Board (Minutes September 14, 2021 meeting).

CONTACT PERSON WITH PHONE NUMBER: Mary A. Fisher, 269-945-0602 at Humane Society Office or 269-948-8348 (home).

ANIMAL SHELTER ADVISORY BOARD

Initial terms began 2010. Board Name changed and members reduced from 11 to 9 on 12/11/12.

NAME	REPRESENTING	TERM BEGINS	TERM ENDS
David Jackson, Chair	Commissioner	1/1/21	12/31/21
Vacant	Citizen At Large - 1 yr. term	1/1/21	12/31/21
Vacant	Citizen At Large – 1 yr. term	1/1/21	12/31/21
Jessica Bontrager	Citizen At Large – 2 yr. term (appted 4/27/21)	1/1/21	12/31/22
William Mattson	Citizen At Large – 2 yr. term(appt 7/27/21)	1/1/21	12/31/22
Tamara Dickinson	Citizen At Large – 3 yr. term	1/1/20	12/31/22
Dawn Koning	Rescue Shelter Operator – 3 yr. term	1/1/20	12/31/22
Holly Pineiro	Humane Society – 1 yr. term	1/1/21	12/31/21
Dr. Linda Robinson	Veterinarian – 3 yr. term	1/1/20	12/31/22

Contact Information

David Jackson	5395 Guernsey Lake Road, Delton, MI 49046	616-437-0296
Tamara Dickinson	9149 E. Cloverdale Rd., Nashville, MI 49073	269-804-5600
Dawn Koning	3082 Coats Grove Rd., Hastings, MI 49058	269-945-3994
Dr. Robinson	1420 W. Green St., Hastings, MI 49058	945-9400w/616-765-9901
Holly Pineiro	3093 Coats Grove Rd, Hastings MI 49058	945.3994; 908-0896(c)
Jessica Bontrager	3784 William F Hayes Dr, Hastings MI 49058	269.953.8001; 616.890.4967(c)
Willam Mattson	118 E Grand St, Hastings MI 49058	907.378.2558(C); 269.945.5439(W)

David Jackson	djackson@barrycounty.org davejackson@diamondtrans.com
Tamara Dickinson	tdickinson@hastingsmutual.com
Dawn Koning	(no email)
Dr. Robinson	jarts@triton.net
Hollie Pineiro	britmusic4ever@yahoo.com
Jessica Bontrager	jmariebontrager@gmail.com
William Mattson	wmattson@johnsonhouseconsulting.com

(rev 1/14/19; 3/12/19; 12/04/19; 1/8/2020; 1/13/21; 1/26/21; 4/27/21; 7/6/21; 7/27/21)

Pam Jarvis

From: pattier <pattier@mei.net>
Sent: Thursday, September 23, 2021 5:27 PM
To: Pam Jarvis; Luella Dennison
Subject: Fwd: Humane Society September 14th, 2021 Meeting Minutes
Attachments: 91421.pages

Hi Pam & Luella ,
Here are our Barry County Humane Society minutes , approving Holly Pinerio as our 2022 Barry County Animal Shelter Advisory Board representative .
Thank you
Pattie

Begin forwarded message:

From: Kathleen Doyle <k4peace.kathleen@gmail.com>
Date: Sep 22, 2021 at 7:48 PM
To: britmusic4ever <britmusic4ever@yahoo.com>, Barry County Humane Society <barryhumanesoc@gmail.com>, Candi Stowe <candiceimsmith@yahoo.com>, carol rose mantle <rose_mantle@hotmail.com>, christina pontius <tpontius4627@gmail.com>, Cindy Huisman <graciebeagle544@gmail.com>, Kathy & Don Wiggins <nagshead9177@gmail.com>, Mary Fisher <fisher.marya@gmail.com>, Pattie Richardson <pattier@mei.net>, Barb Hodgson <bhodgson@tkschools.org>, Tim McGavin <timmcgavin1@gmail.com>
Subject: Humane Society September 14th, 2021 Meeting Minutes

Barry County Humane Society
September 14, 2021 Meeting Minutes

Present: Kay Doyle, Christina Pontius, Dawn Koning, Pattie Richardson, Carol Mantle, Holly Pineiro, Mary Fisher, Barb Hodgson, Tim McGavin

Pattie called the meeting to order at 6:35 pm.

Secretary's Report: Mary made a motion to accept the August 10, 2021 meeting minutes and Carol seconded. All in favor.

Treasurer's Report: Carol reported as of September 14, 2021, our Net Worth is $135,867.32 with Income for September 1, 2021 to September 14, 2021 of $1,383.85 and Expenses of $1,480.19. Also, we have received $13,145.00 in canister donations this year so far.
Mary made a motion to approve the Treasurer's Report and Christina seconded. All in favor.

Education Report: Kay made calls to St. Rose, Delton Kellogg and Starr School Elementaries. Our last speaking engagement was at St. Rose (pre-covid) where we presented our updated interactive first/second grade program with handouts to all participants of packets and certificates. The presentation was very well received. This year schools are not allowing visitors

indoors (but could have outdoor programming) but still no co-mingling of students. This is still an uncertain year due to Covid. The school principals were given Kay's phone to further discuss this year's programming.

Wildlife Report: Dawn reported the rehab of every type of squirrel, baby opossums and rabbits.

BCAS Advisory Board Report: There was no Advisory Board meeting this month. Carol Mantel made a motion that Holly Pineiro be appointed Humane Society representative on the Board for 2022. Pattie Richardson seconded the motion and all members voted in favor.

Fundraising: Summerfest was a success over the two days we participated with $644.64 made in sales and donations. Thank you to all volunteers! Tim will rebuild the tote bag shirt rack for future fundraising events.

Lasagna Dinner: Barb will discuss the policy for cooking and serving food with the Health Department, Monday, September 20th. Members decided due to Covid that we postpone the dinner to March or April.

T-shirts: Kay further discussed a t-shirt idea that was shared with us by our previous member, Kathy Wiggins. Kay showed examples of caricature/cartoon animal artwork printed onto their t-shirts that Rescued, a Moline, Illinois organization where Kathy volunteers, sells at various times of the year. Members are interested in creating different designs to sell but we feel it best that we do only one design at this time and emphasize Neuter/Spay. Holly will design drawings for a t-shirt design and Carol said she would email caricatures from her Photo stock website.

Mary is creating a Humane Society scrapbook and Holly will help with articles and pictures.

The meeting was adjourned at 7:55 pm. Barb made a motion to approve and Carol seconded. All in favor.

The next meeting will take place Tuesday, October 12, 2021, 6:30 pm at the Barry Community Enrichment Center.

Respectfully submitted,
Kay Doyle, Humane Society Secretary

✓EXTERNAL SENDER

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: December 14, 2021, Board of Commissioners

DEPARTMENT: Board of Commissioners

PREPARED BY: Luella Dennison, Deputy County Administrator

SUBJECT: Appointment of Member to Serve on Barry County Transit Board

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners approval to reappoint Craig Stolsonburg to serve on the Barry County Transit Board for a three-year term that begins on 1/1/22 and expires on 12/31/24.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only): Approval to reappoint Craig Stolsonburg to serve on the Barry County Transit Board for a three-year term that begins on 1/1/22 and expires on 12/31/24.

DESCRIPTION OF ACTION: There are three members of the Barry County Transit Board appointed by the Board of Commissioners. Two of the members are county commissioners who are appointed annually to serve a one-year term; the third member serves for a three-year term. The incumbent was the only applicant for the position.

TIME FRAME OF ACTION: Immediate.

FUNDING REQUIRED: YES_____ NO ____X____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: None.

NEW OR RENEWAL: The term for this position renews every three years.

ANY OTHER PERTINENT INFORMATION: Attached is the Transit Board member roster and the application from the incumbent.

CONTACT PERSON WITH PHONE NUMBER: Michael Brown, County Administrator, 269-945-1284 or Bill Voigt, Transit Director, 269-948-8174.

TRANSIT BOARD

Three Year Term

NAME	TERM BEGINS	TERM ENDS
Howard Gibson	1-1-21	12-31-21
Jon Smelker	1-1-21	12-31-21
Craig Stolsonburg	1-1-19	12-31-21

^^^

Application for Appointment to Board or Commission

Print

Submitted by: Craig Stolsonburg

Status: Open

Priority: Normal

Assigned To: Matt Ward

Due Date: Open

Barry County Board of Commissioners
Application for Appointment to:

*** Please select the board to which you are applying**

Transit Board

Please select any additional board to which you are applying

Tax Allocation Board

Please select any additional board to which you are applying

-- Select an Option --

Please select any additional board to which you are applying

-- Select an Option --

*** First Name**

Craig

*** Last Name**

Stolsonburg

*** What City/Township do you live in?**

Thornapple

*** Address**

6575 N M 37 HWY

*** City/State/Zip**

Middleville, MI 49333

*** Daytime Phone Number**

269-838-3349

Evening Phone Number

Ex. (123) 456-7890

*** Email Address**

craigstolsonburg@gmail.com

* **Occupation**

Business Solutions Representative

* **Employer**

West Michigan Works!

* **Can you attend meetings between 8:00 a.m. - 5:00 p.m.?**

Yes

* **Can you attend evening meetings?**

Yes

* **Please list membership on any other board/committee/authority**

Transit Authority, Tax Allocation Board, Thornapple ZBA, Thornapple Board of Review

* **Please indicate experience and/or qualifications that would help make you an effective member of each board/committee/authority for which you have applied:**

I am currently in my 3rd year on the transit authority and have served on the tax allocation board 8+ years, most as its chairperson.

* **Please list any unique or valuable perspectives and/or resources you could bring to the board/committee/authority:**

I work well with other members of any board/committee to build consensus and deliver the best possible decision for the community.

* **Have you been convicted of a felony?**

No

If yes, please state when, where, and the nature of the offense:

* **Please list any conflicts of interest you may have if chosen for this position:**

N/A

Please attach any supporting documentation you wish to have considered

Upload a File

Choose File No file chosen

* **I am aware that this application is a public document**

☑ **Yes**

If you are returning the application by fax or mail please return to:

Barry County Administration
220 West State Street
Hastings, MI 49058

Phone (269) 945-1284 Fax: (269) 948-4884

Current members must submit a new application at the end of their term if they wish to reapply. The deadline for applications from the incumbents is the same as the deadline for new applicants. Applications are considered active until published positions are filled.

The applicant acknowledges that he/she serves at the pleasure of the Board of Commissioners and can be removed by the Board without cause unless a particular term is established by federal or state statute.

I specifically authorize the Barry County Sheriff Department or other law enforcement agencies to release any records of prior criminal convictions it may have or may obtain from other sources to the County of Barry. I verify that the information provided herein is true and complete. I understand that false or misleading statements may be cause for elimination from consideration.

*** Signature (If submitting electronically, please type your name)**

Craig Stolsonburg

*** Date**

09/29/2021

Format: MM/DD/YYYY

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: December 14, 2021, Board of Commissioners

DEPARTMENT: Commissioners

PREPARED BY: Luella Dennison, Deputy County Administrator

SUBJECT: Central Dispatch Board Appointment

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners approval to reappoint Cindy Vujea to serve on the Central Dispatch Board in a citizen at large position for a four-year term that begins on 1-1-22 and expires on 12-31-25.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only Approval to re-appoint Cynthia Vujea to serve on the Central Dispatch Board in a citizen at large position for a four-year term that begins on 1-1-22 and expires on 12-31-25.

DESCRIPTION OF ACTION: The By-laws for the Central Dispatch Administrative Board state that two of the eleven member board positions are general public at large appointed by the Barry County Board of Commissioners. General public at large positions cannot be affiliated with any organization already involved with Barry County Central Dispatch and they must be residents of Barry County. The Central Dispatch Board has a Citizen at Large position with a term expiring 12/31/21. The position was advertised, the incumbent was the only applicant.
TIME FRAME OF ACTION: Immediate.

FUNDING REQUIRED: YES_____ NO ____X___

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: NA

NEW OR RENEWAL: NA

ANY OTHER PERTINENT INFORMATION: See attached application and membership roster.

CONTACT PERSON WITH PHONE NUMBER: Michael Brown, County Administrator, 269-945-1284, or Stephanie Lehman, Central Dispatch Director, 269-948-4825.

CENTRAL DISPATCH ADMINISTRATIVE BOARD

(Four year term except Sheriff & MSP – no term limit; County Commissioner appointed annually)

NAME	REPRESENTING		TERM BEGINS	TERM ENDS
Dale Boulter (2/8/21)	City of Hastings		1/1/18	12/31/21
Duane Weeks	Village Representative		1/1/18	12/31/21
Dar Leaf	Sheriff		State Statute	
F/Lt. Keith Disselkoen	Michigan State Police		State Statute	
Jon Smelker	County Commissioner		1/1/21	12/31/21
Doug Peck (1/1/2021)	Township Representative		1/1/18	12/31/21
Dana D Yarger (1/29/20)	Barry County EMS Council		1/1/21	12/31/24*
Lani Forbes	Firefighter		1/1/21	12/31/24
Earl Wilson	Township Representative		1/1/20	12/31/23
Cindy Vujea	General Public		1/1/18	12/31/21
Kristen Cove	General Public	(apptd. 9/27/17)	1/1/19	12/31/22

Addresses

Dale Boulter	201 E. State St., Hastings, MI 49058; 945-5744; dboulter@hastingsmi.org
Lani Forbes	7419 Hammond Road, Freeport, MI 49325; 616.765-5385; **lani@bcunitedway.org**
Dar Leaf	1212 W. State St., Hastings, MI 49058; 948-4805; dleaf@barrycounty.org
F/Lt. Keith Disselkoen	MSP, 544 N. Main, Wayland, MI 49348; 792-2213
Jon Smelker	7101 Buehler Rd., Freeport, MI 49325; 616-765-8481; jsmelker@barrycounty.org
Doug Peck	463 S M43 Hwy, Hastings MI 49058; 269.948.2464; dpecklw@gmail.com
Dana D Yarger	Barry Cty Medical Control, 1009 W Green St, Hastings Mi 49058; 269-798-6855; Dana.Yarger@spectrum.org
Duane Weeks	7106 Irving Rd., Middleville, MI 49333' 795-3385; **weeksduane@gmail.com**
Earl Wilson	9646 Thornapple Lake Rd., Nashville, MI 49073; 517-852-9193; no email
Cynthia Vujea	10505 Stoney Point Dr., Delton, MI 49046; 623-3707 H; **cindyvujea@gmail.com**
Kristen Cove	4115 Dewberry Drive, Middleville, MI 49333; 269-838-0424; **kristen.cove@gmail.com**

*Board corrected term to reflect proper ending date of 1/1/17-12/31/20 on 7/23/18

(rev 1/14/19)(rev 10/22/19 – ems resigned – term is 1/1/17-12/31/20; rev 1/8/2020; 2/4/2020; 7/28/20; 1/13/21; 2/24/21;3/1/21;3/15/21)

BARRY COUNTY BOARD OF COMMISSIONERS
APPLICATION FOR APPOINTMENT TO:

RECEIVED
NOV 01 2021

___Airport Commission
__ Building Authority
___Community Corrections
___Conservation Easement Board
__ Mental Health & Substance Abuse Bd
__ Road Commission
__ Transit
* *Denotes evening meetings*

__ Animal Shelter Advisory Bd.
X Central Dispatch/E911
__ Construction Board of Appeals
___Local Emergency Planning
___Parks & Recreation Commission*
___Solid Waste Oversight Committee
___Veteran's Affairs Committee

___Board of Canvassers
___Commission on Aging
__Department of Human Services
___Planning Commission*
__ Tax Allocation Board
___Zoning Board of Appeals*

Please check the board(s) above to which you are applying

Please be advised that this is a public document.

Name (Please print): Cynthia Vujea
Township: Barry
Address: 10505 Stoney Point Dr
City/State/Zip: Delton, MI 49046
Daytime Phone: 269-759-3224
Evening Phone: 269-759-3224
E-mail Address: Cindyvujea@gmail.com
Occupation: Retired
Employer: none
Own Sweet Snuggles LLC, a quilting company specializing in custom designed quilts, and baby items.

Can you attend meetings between 8:00 a.m. - 5:00 p.m.? (Yes) No Evenings? (Yes) No

Please list membership on any other board/committee/authority (attach separate sheet if needed):
St. Ambrose Finance Committee, Barry County Brownfield Redevelopment Board

Please indicate experience and/or qualifications that would help make you an effective member of each board/committee/authority for which you have applied: Retired K-12 school superintendent (Delton)
Retired economic development coordinator (Barry County EDA)
Current Board Member on Central Dispatch/E911 Board for Barry County.
Chaired the Personnel Committee of the Barry County Central Dispatch/E911 Board.

Please list any unique or valuable perspectives and/or resources you could bring to the board/committee/authority:
Experience on this board the past 8 years. Experience w/ budgeting, human resources and management as a school superintendent.
Lived in Barry County (Barry Township) for past 13 years.
I have previous experience serving on this board and am committed to work with the director to respond to emergencies in Barry County and enable staff to keep our community safe.

Please explain below why you wish to serve (attach separate sheet if needed): I have enjoyed serving on this board and would like to continue. The success of the Barry County Dispatch Center is essential to the safety and wellness of our residents. Under my leadership as the Personnel Committee Chairperson, we hired Stephanie Lehman, who has done an outstanding job. Our dispatch center is among the best in the state of Michigan. I am very proud to serve on this Board.

Have you ever been convicted of a felony? Yes (No)

If yes, state when, where, and nature of offense: _____

Please list any conflicts of interest you may have if chosen for this position: none

Current members must submit a new application at the end of their term if they wish to reapply. The deadline for applications from the incumbents is the same as the deadline for new applicants. Applications are considered active until published positions are filled.

The applicant acknowledges that he/she serves at the pleasure of the Board of Commissioners and can be removed by the Board without cause unless a particular term is established by federal or state statute.

I specifically authorize the Barry County Sheriff Department or other law enforcement agencies to release any records of prior criminal convictions it may have or may obtain from other sources to the County of Barry. I verify that the information provided herein is true and complete. I understand that false or misleading statements may be cause for elimination from consideration

Signature: Cynthia L. Vujea *Date:* 10/31/2021

Please return to: Barry County Administration, 220 W. State St., Hastings, MI 49058
Phone: (269) 945-1284 Fax: (269) 948-4884

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: Board of Commissioners, December 14, 2021

DEPARTMENT: Board of Commissioners

PREPARED BY: Luella Dennison, Deputy County Administrator

SUBJECT: Building Authority Appointment

SPECIFIC ACTION(S) REQUESTED: Following interviews, if appropriate to recommend to the Board of Commissioners approval to reappoint David Tripp to serve on the Barry County Building Authority for a three-year term that begins on 1/1/22 and expires on 12/31/24.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Approval to re-appoint David Tripp to serve on the Barry County Building Authority for a three year term that begins on 1/1/22 and expires on 12/31/24.

DESCRIPTION OF ACTION: The Barry County Building Authority is a three-member board that meets as needed to provide oversight and authorization of expenditures for county building projects. The County received two applications: David Tripp* and Michelle Peltier.
(*indicates incumbent)

TIME FRAME OF ACTION: The new term begins on 1/1/22.

FUNDING REQUIRED: YES_____ NO ____x____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: None.

NEW OR RENEWAL: Terms renew every 3 years.

ANY OTHER PERTINENT INFORMATION: A copy of the applications from David Tripp and Micelle Peltier is attached along with a list of current members.

CONTACT PERSON WITH PHONE NUMBER: Michael Brown, County Administrator, 616-945-1284.

BUILDING AUTHORITY

(Three-Year Terms)

NAME	TERM BEGINS	TERM ENDS
Sue VandeCar	1-1-20	12-31-22
Robert Vanderboegh	1-1-21	12-31-23
David Tripp	1-1-19	12-31-21

^^^

Application for Appointment to Board or Commission

Print

Submitted by: David Tripp

Status: Open

Priority: Normal

Assigned To: Pam Jarvis

Due Date: Open

Barry County Board of Commissioners
Application for Appointment to:

*** Please select the board to which you are applying**

Building Authority

Please select any additional board to which you are applying

-- Select an Option --

Please select any additional board to which you are applying

-- Select an Option --

Please select any additional board to which you are applying

-- Select an Option --

*** First Name**

David

*** Last Name**

Tripp

*** What City/Township do you live in?**

Yankee Springs

*** Address**

11776 ENGLISH CT

*** City/State/Zip**

MI

*** Daytime Phone Number**

6163189452

Evening Phone Number

Ex. (123) 456-7890

*** Email Address**

dtripp3907@gmail.com

Current members must submit a new application at the end of their term if they wish to reapply. The deadline for applications from the incumbents is the same as the deadline for new applicants. Applications are considered active until published positions are filled.

The applicant acknowledges that he/she serves at the pleasure of the Board of Commissioners and can be removed by the Board without cause unless a particular term is established by federal or state statute.

I specifically authorize the Barry County Sheriff Department or other law enforcement agencies to release any records of prior criminal convictions it may have or may obtain from other sources to the County of Barry. I verify that the information provided herein is true and complete. I understand that false or misleading statements may be cause for elimination from consideration.

*** Signature (If submitting electronically, please type your name)**

David H Tripp

*** Date**

09/29/2021

Format: MM/DD/YYYY

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: December 14, 2021, Board of Commissioners

DEPARTMENT: Barry County Veterans Affairs/Barry County United Way

PREPARED BY: Luella Dennison, Deputy County Administrator

SUBJECT: Appointments to Barry County Veteran's Affairs Committee

SPECIFIC ACTION(S) REQUESTED: Following interviews, to recommend to the Board of Commissioners approval to re-appoint Mike Timmons to serve on the Barry County Veteran's Affairs Committee for a four (4) year term that begins on 1/1/2022 and expires on 12/31/25.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Approval to re-appoint Mike Timmons to serve on the Barry County Veteran's Affairs Committee for a four (4) year term that begins on 1/1/2022 and expires on 12/31/25.

DESCRIPTION OF ACTION: The Barry County Veteran's Affairs Committee is a five member committee appointed by the Board of Commissioners per the County Department of Veterans Affairs Act 192 of 1953, 35.621, section 1 (see attached). (The Committee was expanded from three members on 1/24/17 by the Board of Commissioners).

Six applications were received: Scott Baker; Robert Geyer; Martin Kretovic; Dennis Mapes; Shawn Ricketts; and Mike Timmons* (*indicates incumbent).

TIME FRAME OF ACTION: Immediate.

FUNDING REQUIRED: YES_____ NO ____X____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: None.

NEW OR RENEWAL: NA

ANY OTHER PERTINENT INFORMATION: Attached is the current membership roster for the board, the applications of the six applicants.

CONTACT PERSON WITH PHONE NUMBER: Michael Brown, County Administrator, 269-945-1284 or Pattrick Jansens, Barry County United Way, 269-945-4010.

VETERAN'S AFFAIRS COMMITTEE

Members increased from 3 to 5 by BOC on 1-24-17

(Four Year Terms)

NAME	REPRESENTING	TERM BEGINS	TERM ENDS
Mike P. Timmons	Vietnam; Navy	1-1-18	12-31-21
Carla Neil (appt 2/23/21)	Vietnam; Air Force	1-1-21	12-31-24
Tim McKay	Iraq; Army-National Guard	1-1-19	12-31-22
Michael Spangler (appt 8/13/19)	Persian Gulf, OIF, OF; Navy	1-1-21	12-31-24
Shannon Alexander Szukala	Afghanistan/Iraq; Army	1-1-19	12-31-22*

***The term for this new position is two years. When it expires, the next term will be for 4 years; appted for 4 years 2019**

^^^

Application for Appointment to Board or Commission

Print

Submitted by: Mike Timmons

Status: Open

Priority: Normal

Assigned To: Matt Ward

Due Date: Open

Barry County Board of Commissioners
Application for Appointment to:

*** Please select the board to which you are applying**

Veteran's Affairs Committee

Please select any additional board to which you are applying

-- Select an Option --

Please select any additional board to which you are applying

-- Select an Option --

Please select any additional board to which you are applying

-- Select an Option --

*** First Name**

Mike

*** Last Name**

Timmons

*** What City/Township do you live in?**

Assyria

*** Address**

7415 Wolf

*** City/State/Zip**

Bellevue

*** Daytime Phone Number**

269-963-3538

Evening Phone Number

269-963-3538

*** Email Address**

mptimmons40@gmail.com

*** Occupation**

US Navy (Retired)

*** Employer**

retired

*** Can you attend meetings between 8:00 a.m. - 5:00 p.m.?**

Better in the afternoon

*** Can you attend evening meetings?**

Generally

*** Please list membership on any other board/committee/authority**

MI Veterans Trust Fund

*** Please indicate experience and/or qualifications that would help make you an effective member of each board/committee/authority for which you have applied:**

Presently sitting as the Chair

*** Please list any unique or valuable perspectives and/or resources you could bring to the board/committee/authority:**

Twenty years Naval Service

*** Have you been convicted of a felony?**

Nope

If yes, please state when, where, and the nature of the offense:

*** Please list any conflicts of interest you may have if chosen for this position:**

None at this time

Please attach any supporting documentation you wish to have considered

Upload a File

Choose File No file chosen

*** I am aware that this application is a public document**

☑ **Yes**

If you are returning the application by fax or mail please return to:

Barry County Administration
220 West State Street
Hastings, MI 49058

Phone (269) 945-1284 Fax: (269) 948-4884

Current members must submit a new application at the end of their term if they wish to reapply. The deadline for applications from the incumbents is the same as the deadline for new applicants. Applications are considered active until published positions are filled.

The applicant acknowledges that he/she serves at the pleasure of the Board of Commissioners and can be removed by the Board without cause unless a particular term is established by federal or state statute.

I specifically authorize the Barry County Sheriff Department or other law enforcement agencies to release any records of prior criminal convictions it may have or may obtain from other sources to the County of Barry. I verify that the information provided herein is true and complete. I understand that false or misleading statements may be cause for elimination from consideration.

*** Signature (If submitting electronically, please type your name)**

Mike P. Timmons

*** Date**

10/10/2021

Format: MM/DD/YYYY

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: BOC/ 12-14-21

DEPARTMENT: Barry County Substance Abuse Task Force

PREPARED BY: Liz Lenz, Coordinator, Barry County Substance Abuse Task Force

SUBJECT: Michigan Department of Licensing & Regulatory Affairs (LARA), Bureau of Medical Marihuana Regulation – Medical Marihuana Operation and Oversight 2022 Grant Application

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners approval to submit the attached 2022 Grant Application to the Michigan Department of Licensing and Regulatory Affairs (LARA), Bureau of Medical Marihuana Regulation for the Barry County Substance Abuse Task Force to conduct education, communication and outreach regarding the Michigan Medical Marihuana Act in Barry County.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Approval to submit the attached 2022 Grant Application to the Michigan Department of Licensing and Regulatory Affairs (LARA), Bureau of Medical Marihuana Regulation for the Barry County Substance Abuse Task Force to conduct education, communication and outreach regarding the Michigan Medical Marihuana Act in Barry County.

DESCRIPTION OF ACTION: This is a continuation and renewal of the program that was conducted last year with funds made available to counties in Michigan from the Michigan Department of Licensing and Regulatory Affairs (LARA). The funding is made available through PA 207 of 2018 for medical marihuana operation and oversight grants to counties for education and outreach programs relating to the Michigan medical marihuana program. The Barry-Eaton District Health Department participated in this program last year, however due to workload and staffing constraints due to COVID-19 the Barry County Substance Abuse Task Force has prepared a proposal to use the funds for 2022.

TIME FRAME OF ACTION: Due to LARA by January 1, 2022

FUNDING REQUIRED: Yes, provided from State of Michigan.

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) State-PA 207 of 2018 – Funding based on # of MMMP Registry Cards issued.
2. IF LOCAL, SPECIFY FUND: NA
3. AMOUNT REQUESTED: $26,318.00
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:

PERSONNEL IF REQUIRED: NA

NEW OR RENEWAL: Renewal.

ANY OTHER PERTINENT INFORMATION: NA

CONTACT PERSON WITH PHONE NUMBER: Liz Lenz, Coordinator, Barry County Substance Abuse Task Force, 269-948-4200, Cell 269-908-0054

Program Summary

Grant funds from the Department of Licensing and Regulatory Affairs (LARA) will be used for education, communication, and outreach regarding the Michigan Medical Marihuana Act in Barry County. Specifically, the Barry County Substance Abuse Task Force (SATF) will: provide education and communication on harm reduction strategies such as safe storage and avoidance of impaired driving to patients and the general public; conduct outreach to caregivers, patients, adolescents, and at-risk families to develop and foster new relationships to provide education on safe storage, impaired driving risks, impacts of marijuana use during pregnancy and/or nursing, and increase the perception of harm for adolescent marijuana use. Continued efforts to educate and communicate will aid in capacity building in the community to share safety messaging about marijuana across multiple sectors.

Ultimately, the project will:

- Educate medical marijuana patients and others about safe storage and harm reduction; provide safe storage options to at-risk families
- Educate medical marijuana patients and others about the dangers of driving while under the influence of marijuana
- Educate pregnant individuals and their families regarding the impact of marijuana use during pregnancy and nursing
- Increase perception of risk for adolescent marijuana use
- Conduct a community needs assessment regarding perceptions of risk/harm of adult and youth marijuana use, and attitudes regarding increasing access
- Increase capacity in the community to share safety messaging about marijuana among multiple sectors

In 2021, the Barry County Substance Abuse Task Force (SATF) applied for and received these funds and expanded upon existing projects and the development of new strategies to provide education and outreach. In 2019 and 2020, the Barry Eaton District Health Department (BEDHD) applied for and received these funds and worked closely with the Barry County Substance Abuse Task Force (SATF) to develop and implement effective strategies. Due to continued duties to respond to the ongoing COVID-19 pandemic, it remains in the best interest of the community for the SATF to apply for these funds again to carry out preceding projects, which were largely successful due to these funds and initiatives in 2021.

Describe the project(s) for which funds are requested with an implementation plan.

Media Campaigns:

Effective media campaigns and safety messaging were implemented in Barry County during 2019, 2020, and 2021, using these grant funds. Similar campaigns will be expanded in Barry County in 2022, with an emphasis on harm reduction messages that include utilization of safe storage, limiting access in at-risk families and those pregnant and/or nursing, increased

perception of harm for adolescents, and the prevention of impaired driving. The media campaigns will feature deliverables including televised messages, billboard posters, mobile advertising (bus wrap), radio scripts, social media messaging, and printed items such as postcards and brochures. Media campaigns will run simultaneously throughout the duration of the project.

Safe Storage Project Expansion:

In addition to educating about safe storage, the SATF will continue the distribution of lockable storage devices to secure medical marijuana and to prevent accidental youth and child poisonings. As a result of these funds, the SATF was able to distribute 300 lockable storage devices in 2021 by offering them to patients and at-risk families at various community outreach activities and events. New strategies and opportunities to provide outreach and education on safe storage will be implemented in 2022 by collaborating with partnering agencies and organizations, as well as local marijuana businesses. The lock boxes will include information about poisoning prevention, as well as recovery and treatment resources.

Education for Youth Serving Organizations:

The SATF will continue to host quality educational presentations for our community partners, including educators, those serving youth and families, parents/caregivers, law enforcement, and health and human service professionals. The SATF will continue these efforts utilizing virtual and/or in-person or hybrid events to ensure continued safety during the COVID-19 pandemic. The SATF will expand upon educational opportunities which began in 2021 and will use funding for speaker fees and printed resources, such as "The Neuro-Whereabouts Guide" by Dr. Crystal Collier, PhD. This youth focused resource will be utilized by educators and support staff to provide resources to families to prevent youth engagement in risky behaviors, including marijuana use.

Marijuana Educational Event for Health and Human Service Professionals; Family and Youth-Serving Agencies:

The SATF, along with members and partners, will plan and host an educational event targeted towards health and human organizations and family and youth-serving organizations, to continue the success of previous presentations in 2019-2021. The SATF will work with reputable experts from the National Marijuana Initiative and others, to provide educational workshops and trainings, which will likely be held in a virtual format, due to continued COVID-19 restrictions. A minimum of one educational event will be coordinated and implemented to increase education around current marijuana policy, safe storage and harm reduction strategies, use during adolescence, and use during pregnancy and/or nursing to more audiences.

Community Needs Assessment:

The SATF will conduct a brief marijuana needs assessment to gauge perception of risk, access, and other risky behaviors, such as driving under the influence of marijuana. The needs assessment will provide local data on risk behaviors and aid in the development of new prevention strategies and harm reduction efforts. The use of this assessment will also determine next steps and allow for the identification of gaps in education and outreach efforts in Barry County.

Partnership Building with Marijuana Businesses:

The SATF has made diligent efforts to build capacity and relationships with Barry County Marijuana Businesses, and will continue to do so, as two more municipalities have opted in to allow medical/recreational licensing. Through outreach and collaboration, we will continue to build relationships with these businesses and municipalities to provide access to lock boxes, harm reduction messaging, and reaching those who use marijuana.

Explain how funds will be used to coordinate efforts with other agencies, if applicable.

The SATF will continue to partner with our members, partners, and other community organizations on these education, communication, and outreach activities, as well as with community surveys and analysis. The SATF will work together with others to coordinate efforts and increase our overall impact, while using local vendors whenever possible.

Describe the impact these funds will have on the community and what you hope to accomplish.

Objective 1: Educate medical marihuana patients and others about safe storage; provide safe storage options to at-risk families
Rationale
"The change in legal status of cannabis in the United States has had significant impact on pediatric drug exposures. In states with decriminalization of recreational and medicinal use of cannabis, emergency department visits and poison control center calls for unintentional pediatric cannabis intoxication are on the rise in the last few decades."[1] The Barry County SATF will educate about accidental exposure as well as offer safe storage devices to at-risk families to reduce the risk of poisonings.
Strategies
1. Model safe storage and explain the necessity in the harm reduction campaign. 2. Provide safe storage devices (such as lock boxes) for at-risk families.

[1] Wong, Kei U. MD*; Baum, Carl R. MD, FAAP, FACMT† Acute Cannabis Toxicity, Pediatric Emergency Care: November 2019 - Volume 35 - Issue 11 - p 799-804

3. Provide information on poison control, recovery, and treatment.
Evaluation
The distribution of boxes, materials, and social media engagements will be tracked.

Objective 2: Educate medical marihuana patients and others about the dangers of driving while under the influence of marihuana
Rationale
"Epidemiologic data show that the risk of involvement in a motor vehicle accident (MVA) increases approximately 2-fold after cannabis smoking. The adjusted risk of driver culpability also increases substantially, particularly with increased blood THC concentrations."[2]
Strategies
Education to explain that driving while high is illegal and considered driving while under the influence. Explain that marijuana/cannabis use is not without some risk in some situations.
Evaluation
The distribution of messages/materials and social media engagements will be tracked. Needs assessment/community survey to assess perception of risk of adult use of marijuana while driving.

Objective 3. Educate pregnant individuals and their families regarding the impact of marijuana use during pregnancy and nursing.
Rationale
According to the National Survey on Drug Use and Health (NSDUH), between 2002-2003 and 2018-2019, past-month cannabis use increased from 3.4% to 5.4% among pregnant women overall. Daily/near daily cannabis use in the past month increased from 0.9% to 1.7% among pregnant women overall. Cannabis use during pregnancy has been associated with effects on fetal growth, including low birth weight and length, and these outcomes may be more likely among women who consume marijuana frequently during pregnancy, especially in the first and second trimesters.[3]
Strategies
Launch messages to pregnant individuals and persons of childbearing age, and their families, regarding the effects of marihuana use during pregnancy and nursing.
Evaluation
The distribution of messages/materials and social media engagements will be tracked.

Objective 4. Increase perception of risk for adolescent marijuana use.
Rationale

[2] Rebecca L Hartman, Marilyn A Huestis, Cannabis Effects on Driving Skills, *Clinical Chemistry*, Volume 59, Issue 3, 1 March 2013, Pages 478–492

[3] https://www.samhsa.gov/data/sites/default/files/reports/rpt31102/2019NSDUH-Women/Women%202019%20NSDUH.pdf

According to the Michigan Profile for Healthy Youth Survey, the percentage of youth who believe "regular marijuana use is risky" has decreased significantly. In 2010, 68% of Barry County youth said it was risky. Eight years later in 2018, just 40% said it was risky. Medical marihuana became legal in 2008 in Michigan. Although the cause of this decrease in the risk perception cannot be proven and may be related to many factors, Colorado also saw decreased perception of risk among youth with the commercialization of medical marihuana.[4]

Marijuana use may have unique risks for the developing adolescent brain. Research suggests that repeated marijuana use during adolescents can increase the likelihood of addiction. "Estimates from research suggest that about 9 percent of users become addicted to marijuana; this number increases among those who start young to about 17 percent." [5] Some research also suggests that chronic marihuana use during adolescence may be associated with mental illness later in life.[6]

Strategies

1. Launch youth-oriented messages that encourage adolescents to comply with state law that prohibits marijuana use for persons under 21 years old (medical marihuana under a doctor's care is the only exception).
2. Provide marijuana education and resources to educators and support staff for prevention of risky youth behaviors.

Evaluation

1. The distribution of messages/materials and social media engagements will be tracked.
2. Evaluation from educational events and resources.

- **Objective 5:** Conduct a community needs assessment regarding perceptions of risk/harm of adult and youth marijuana use, and attitudes regarding increasing access

Rationale

The Barry County Substance Abuse Task Force (SATF) will conduct a community needs assessment to better understand the community's perception of the following:

- Perception of risk of adult use of marijuana
- Perception of risk of youth use of marijuana
- Perception of increasing community access to marijuana products (acceptance/disapproval)

[4] Colorado Department of Public Health and Environment. Healthy Kids Colorado Survey (HKCS), 2013 (http://www.chd.dphe.state.co.us/topics.aspx?q=Asolescent_Health_Data).

[5] "Principles of Adolescent Substance Use Disorder Treatment: A Research-Based Guide." National Institutes of Health. Retrieved on December 19, 2018 from: https://www.drugabuse.gov/publications/principles-adolescent-substance-use-disorder-treatment-research-based-guide/frequently-asked-questions/it-possible-teens-to-become-addicted-to-marijuana

[6] "Is there a link between marijuana use and psychiatric disorders?" National Institute on Drug Abuse. Retrieved on December 20, 2018 from: https://www.drugabuse.gov/publications/research-reports/marijuana/there-link-between-marijuana-use-psychiatric-disorders

This needs assessment will also help identify gaps and opportunities for future programming. The results will be shared throughout the community and will be evaluated alongside existing community data indicators such as the Barry-Eaton Behavioral Risk Factor Survey (BRFS), the 2021-2022 Michigan Profile for Healthy Youth Survey (MiPHY) and the 2021 SATF Community Survey summary.
Strategies
1. Survey adults (18 and over) regarding their perceptions of marijuana risk and access, utilizing an open community survey via traditional and social media distribution.
Evaluation
The SATF will work with our contracted evaluator to develop the needs assessment and analysis of results. Summary report will be shared through multiple sectors of the community.

Explain anticipated outcomes that will result from this grant.

It is anticipated that this grant will:

- Educate medical marijuana patients and others about safe storage and harm reduction; provide safe storage options to at-risk families
- Educate medical marijuana patients and others about the dangers of driving while under the influence of marijuana
- Educate pregnant individuals and their families regarding the impact of marijuana use during pregnancy and nursing
- Increase perception of risk for adolescent marijuana use
- Conduct a community needs assessment regarding perceptions of risk/harm of adult and youth marijuana use, and attitudes regarding increasing access
- Increase capacity in the community to share safety messaging about marijuana among multiple sectors

These objectives are especially critical and timely now that Michigan allows both medical marihuana use and recreational marijuana use. Messaging is needed to clear misconceptions and will be especially welcome by the community during this time of change.

Submit a detailed budget showing how the requested funds will be expended.

PROGRAM BUDGET

Expenses	Amount
Project Staffing Costs/Expenses (Salary/Fringe)	$3,780.00
Safe Storage Devices (Lock Boxes) for At-Risk Families (200 lock boxes at $26.00/box, plus shipping and handling)	$5,438.00
Educational Event for Health and Human Service Providers, Parents/Caregivers, Educators (speaker fees, participant materials)	$1,500.00
Media Campaigns	$14,100.00

• Development/Design	$1,500.00	
• Billboards, 3, at $1200 each	$3,600.00	
• Mobile Advertising (Bus Wrap Space/Install)	$3,000.00	
• Printing/Mailing	$1,500.00	
• Print and Radio Advertising	$2,500.00	
• Streaming Ads/Social Media	$2,000.00	
Project Management, Needs Assessment and Evaluation Support, and Reporting		$1,500.00
TOTAL:		**$26,318.00**

DRAFT

Department of Licensing and Regulatory Affairs
Marijuana Regulatory Agency

Medical Marihuana Operation and Oversight Grants

2022 Grant Application

Authority: Michigan Medical Marihuana Act
2008 IL 1, Section 6(l), MCL 333.26426

This application must be submitted electronically to MRA-MMOOG@michigan.gov at the Marijuana Regulatory Agency on or before January 1, 2022.

Section I: Grant Applicant Information

Barry County

Applicant

VS 0047956

SIGMA Vendor Customer ID No.

Mail Code

Section II: Grant Administrator Information

Name

Michael Brown

Address

220 West State Street

City	**State**	**Zip Code**
Hastings	MI	49058

Area Code/Telephone Number

(269) 945-1284

Email Address

Section III: Description of Grant Program

Funds must be used for education, communication, and outreach regarding the Michigan Medical Marihuana Act, 2008 IL 1, MCL 333.26421 to 333.26430. On county letterhead, submit your proposal that includes the items listed below:

- Describe the project(s) for which funds are requested with an implementation plan.
- Explain how funds will be used to coordinate efforts with other agencies, if applicable.
- Describe the impact these funds will have on the community and what you hope to accomplish.
- Explain how these funds will be combined with other funding to complete the project, if necessary.
- Explain anticipated outcomes that will result from this grant.
- Submit a detailed budget showing how the requested funds will be expended.

Section IV: Certification

I certify and agree to report how the grant was expended and to provide a report to the Department of Licensing and Regulatory Affairs, Marijuana Regulatory Agency, no later than September 15, 2022. By signing below, I also agree to meet and follow the statutory provisions in which this program was established pursuant to Section 901 of 2021 PA 87.

12/14/21

Signature of County Grant Administrator (Original Signature Required) **Date**

Barry County Administrator **Title**

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: December 14, 2021, Board of Commissioners

DEPARTMENT: MSU Extension

PREPARED BY: Erin Moore

SUBJECT: Barry County / MSU Extension 2022 Work Agreement

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners approval of the 2022 agreement between Barry County and Michigan State University for access to MSU Extension programing.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only): Approval of the 2022 agreement between Barry County and Michigan State University for access to MSU Extension programing.

DESCRIPTION OF ACTION: An agreement between Barry County and Michigan State University Extension, where MSUE will provide access to programs in all four MSUE Institutes, and Barry County will provide an annual assessment that will help fund Extension services for Barry County residents in 2022. The assessment ($ 57,936) includes operating expenses for certain Extension personnel and the operation of the County 4-H program. The county also provides an additional $66,674 that funds a MSU Extension clerical person for the local Barry County MSUE office.

TIME FRAME OF ACTION:

FUNDING REQUIRED: YES X NO _____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) Local
2. IF LOCAL, SPECIFY FUND: General Fund transfer
3. AMOUNT REQUESTED: $124,610
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.) Quarterly Payments
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS: None

PERSONNEL IF REQUIRED: None

NEW OR RENEWAL: Renewal

ANY OTHER PERTINENT INFORMATION: The funding is based on the 2022 approved budget.

CONTACT PERSON WITH PHONE NUMBER: Erin Moore, District 7 Director, MSU Extension, 616-632-7887.

AGREEMENT FOR EXTENSION SERVICES

This AGREEMENT FOR EXTENSION SERVICES ("Agreement") is entered into on _____ by and between Barry County, Michigan ("County"), and the BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY ("MSU") on behalf of MICHIGAN STATE UNIVERSITY EXTENSION (MSUE").

The United States Congress passed the Smith-Lever Act in 1914 creating a National Cooperative Extension System and directed the nation's land grant universities to oversee its work; and,

MSUE helps people improve their lives by bringing the vast knowledge resources of MSU directly to individuals, communities and businesses; and,

For more than 100 years, MSUE has helped grow Michigan's economy by equipping Michigan residents with the information needed to do their jobs better, raise healthy and safe families, build their communities and empower our children to succeed; and,

It is the mission of MSUE to help people improve their lives through an educational process that applies knowledge to critical issues, needs and opportunities; and,

Further, as an organization committed to the principles of diversity, equity and inclusion, we will work collaboratively with our community partners to ensure participation from the broad human diversity of each community (including race, color, religion, national origin, age, sex, disability, height, weight, marital status, gender, gender identity (gender expression), political beliefs, sexual orientation, family status, veteran status or any other factor prohibited by applicable law) and work to make our programs accessible and inclusive of the multiple realities and forms of knowledge that will support equitable outcomes for all throughout Michigan's 83 counties;

MSUE meets this mission by providing Extension educational programs in the following subject matter areas:

- Agriculture & Agribusiness
- Children & Youth Development, including 4-H
- Health & Nutrition
- Community, Food & Environment

NOW THEREFORE in consideration of the mutual covenants herein contained, and other good and valuable consideration, the parties hereto mutually agree as follows:

A. MSUE will provide:

1. Access to programs in all four MSUE Institutes to residents in your County. This includes access to educators and program instructors appointed to the Institutes and MSU faculty affiliated with each Institute to deliver core programs.

2. Extension Educators and program staff as needed to implement programs within the County, housed at the county office.

3. A county 4-H program. **.5** FTE 4-H Program Coordination.

4. Salary and benefits of MSUE Personnel and the cost of administrative oversight of Personnel.

5. Operating expenses, per MSU policy, for MSUE personnel ("Personnel").

6. Supervision of MSU-provided academic and paraprofessional staff. Supervision of county employed clerical staff and/or other county employed staff, upon request.

7. Administrative oversight of MSUE office operations.

8. An annual report of services provided to the residents of the County during the term of this Agreement, including information about audiences served, and impact of Extension programs in the County.

B. The County will provide:

1. An annual assessment that will be charged to the county and administered by MSUE. The assessment will help fund Extension services for the County, including operating expenses for certain Extension personnel and the operation of the County 4-H program.

2. Office and meeting space meeting the following requirements:

   a. Sufficient office space to house Extension staff as agreed upon between the County and the MSUE District Director.
   b. Utilities, including telephone and telephone service sufficient to meet the needs of Personnel utilizing MSUE office space.
   c. High-speed Internet service sufficient to meet the needs to Personnel utilizing the MSUE office space.
   d. Access to space for delivering Extension programs.
   e. Access to the office building and relevant meeting spaces must be ADA compliant/accessible.

3. Clerical support for staff for the MSUE office as agreed upon between the County and MSUE District Director that will perform clerical functions, including assisting County residents in accessing MSUE resources by office visit, telephone, email, internet and media. The clerical support staff will be either a County employed clerical staff, or the County will provide funding for an MSUE employed clerical staff.

   1.0 FTE MSU employed Clerical Support Staff

Optional:

4. Funding for additional Extension educators at **0** FTE
5. Funding for additional 4-H program capacity at **0** FTE
6. Funding for additional paraprofessional(s) at **0** FTE
7. Total Annual Assessment in the amount of **$124,610**

Payments due and payable under the terms of this agreement shall be made on the first of the month, of the first month, in each quarter of the county fiscal year, unless otherwise requested and agreed as provided below.

Payment mailing address: MSU Extension Business Office, Justin S. Morrill Hall of Agriculture, 446 W. Circle Drive, Room 160, East Lansing, Michigan 48824

C. Staffing and Financial Summary:

A. Base Assessment (includes .5 FTE 4-H Program Coordination)	$57,936
ADDITIONAL PERSONNEL	
B. 1.0 FTE Clerical Support Staff to be employed by MSU	$66,674
C. 0 FTE Educator (Program Area:)	$0
D. 0 FTE Additional 4-H Program Coordination	$0
E. 0 FTE Additional paraprofessional staff	$0
TOTAL COUNTY ASSESSMENT PAYABLE TO MSU FOR FY 2022:	**$124,610**

I. Term and Termination

The obligations of the parties under this Agreement will commence on January 1, 2022, the first day of the County budget year 2022 and shall terminate on the last day of such County budget year 2022. Either party to this Agreement may terminate the Agreement, with or without cause, with 120 days written notice delivered to Michigan State University Extension, Justin S. Morrill Hall of Agriculture, 446 W. Circle Drive, Room 160, East Lansing, MI 48824 if to MSUE and delivered to Barry County Administration, Hastings, Michigan 49058, if to the County.

II. General Terms

1. **Independent Contractor**. The University is an independent contractor providing services to the County. The County and MSU do not have the relationship of legal partners, joint venturers, principals or agents. Personnel have no right to any of County's employee benefits.

2. **Force Majeure**. Each party will be excused from the obligations of this agreement to the extent that its performance is delayed or prevented by circumstances (except financial) reasonably beyond its control, including, but not limited to, acts of government, embargoes, fire, flood, explosions, acts of God, or a public enemy, strikes, labor disputes, vandalism, or civil riots.
3. **Assignment**. This agreement is non-assignable and non-transferable.
4. **Entire Agreement**. This Agreement, with its Appendix "A" is the entire agreement between MSU and the County. This Agreement supersedes all previous agreements, for the subject matter of this Agreement. The Agreement can only be modified in writing, signed by both MSU and the County.
5. **No Third Party Beneficiaries**. This Agreement is solely for the benefit of MSU and the County and does not create any benefit or right for any other person, including residents of the County.
6. **Nondiscrimination:** The parties will adhere to all applicable federal, state and local laws, ordinances, rules and regulations prohibiting discrimination. Neither party will discriminate against a person to be served or any employee or applicant for employment because of race, color, religion, national origin, age, sex, disability, height, weight, marital status, or any other factor prohibited by applicable law.

The individuals signing below each have authority to bind MSU and the County, respectively.

BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY

By:_____

Evonne Pedawi
Contract & Grant Administration
Its:_____

Date:_____

BARRY COUNTY

By: _____

Print name:_____

Its:_____
(title)

Date:_____

Appendix A
Technical Standards for County Internet Connections

Michigan State University Extension (MSUE) employs the use of technology to meet the ever-changing needs of our constituents. We strive to utilize standard, enterprise tools when appropriate, but also recognize the need to evolve with the times and utilize innovative tools to reach a broad array of people.

MSUE does support and encourage the use of technologies that others may not, including social media platforms. We view communication with our constituents through Facebook, Twitter, Instagram, YouTube, and other emerging social media to be critical to our work. MSUE staff are required to follow the MSU Acceptable Use Policy (AUP) https://tech.msu.edu/about/guidelines-policies/aup/.

We ask that our county partners provide Extension personnel access to a high-speed Internet connection. From that access, the easiest way to create a secure path to necessary applications is to open the full MSU Internet Protocol Range to and from your network, as well as opening social media sites to the addresses used by MSUE staff at your location. MSUE is prepared to support end user needs if there is high-speed internet, networking to clients, and phone system support. MSU will provide firewall functionality and client support. To discuss this possibility please contact your MSUE District Director. To provide the needed services on county equipment review the following MSU-owned ranges:

The MSU-owned ranges are:
NetRange35.8.0.0 - 35.9.255.255 CIDR35.8.0.0/15

If you would like to narrow the scope further for additional protection, some of the addresses that will need to be allowable include:

Office 365 – Details on what to open are at https://docs.microsoft.com/en-us/microsoft-365/enterprise/urls-and-ip-address-ranges?view=o365-worldwide
search.msu.edu
35.9.160.36 (1935,443) authentication)
45.60.149.216
35.9.247.31 (zoom.msu.edu)
d2l.msu.edu (80 and 443) (D2L – Desire to Learn @ Brightspace.com)
108.161.147.0/24, 199.231.78.0/24, 64.62.142.12/32, 209.206.48.0/20 (external) Meraki Cloud communication
199.231.78.148/32, 64.156.192.245/32 (external) Meraki VPN registry

The following applications are necessary on all computers – MS Office (preferably O365, MSUE provides MS licensing), Adobe Acrobat, Zoom, SAP client, VPN client, Antivirus. (Most recent version of Chrome, Firefox, or Edge)

Other notable web server/sites IP addresses:

canr.msu.edu – 52.5.24.1
msue.anr.msu.edu – 52.5.24.1
events.anr.msu.edu/web3.anr.msu.edu – 45.60.11.113
web2.canr.msu.edu | web2.msue.msu.edu - 35.8.200.220
master Gardener (External) – 128.120.155.54
extension.org (External) – 54.69.217.186 msu.zoom.us (External)

Questions may be directed to anr.support@msu.edu where they will be routed to the best person to assist you.

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: Tuesday, December 14, 2021, Board of Commissioners

DEPARTMENT: Adult Specialty Courts

PREPARED BY: Tammi Price, Specialty Courts Program Manager

SUBJECT: Request for Board of Commissioners approval for FY 2022 BJA grant contracts for Adult Drug Court and Sobriety Court.

SPECIFIC ACTION(S) REQUESTED:
To recommend to the Board of Commissioners approval of the FY 2022 BJA Grant Contracts for Adult Drug Court and Sobriety Court, and authorize the Chairperson to sign the grant contracts via DocuSign.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Approval of the FY 2022 BJA Grant Contracts for Adult Drug Court and Sobriety Court, and authorize the Chairperson to sign the grant contracts via DocuSign.

DESCRIPTION OF ACTION:
The State Court Administrative Office requires electronic signatures by the Board chairperson to authorize the BJA grant contracts for the Adult Drug Court and Sobriety Court. We respectfully request that the Board of Commissioners approve and authorize signature on the following FY 2022 BJA grant contracts for the Adult Specialty Courts:

FY 2022 Bureau of Justice Assistance (BJA) Adult Drug Court grant in the amount of $31,843.
FY 2022 Bureau of Justice Assistance (BJA) Sobriety Court grant in the amount of $32,803.

Once the contracts have been signed by the State and received back to our office, a copy of each grant contract will be filed with the County Clerk.

TIME FRAME OF ACTION: As soon as possible.

FUNDING REQUIRED: YES_____ NO ___X_____

IF YES, ANSWER THE FOLLOWING:
1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND:)_____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: N/A

NEW OR RENEWAL: New.

ANY OTHER PERTINENT INFORMATION: See attached contracts.

CONTACT PERSON WITH PHONE NUMBER: Tammi Price at (269) 945-1433

DocuSign Envelope ID: 8E962DCD-A9CD-45C3-822F-4AF969BE2D57

STATE COURT ADMINISTRATIVE OFFICE
BUREAU OF JUSTICE ASSISTANCE GRANT

Subcontract Agreement
Between

SCAO

Federal I.D. Number: 38-6000134

and

GRANTEE: 5th Circuit Court – Hybrid DWI/Drug Court

Federal I.D. Number: 38-6004836

Contract Number: 26158
Grant Amount: $31,843
SCAO Unique Identifier: U10086
Project Title: Bureau of Justice Assistance Grant Program
CFDA Title: Adult Drug Court and Veterans Treatment Court Discretionary Grant Program
CFDA Number: 16.585
Data Universal Numbering System (DUNS): 85898955
Federal Agency Name: U.S. Department of Justice
Federal Grant Administered by: Bureau of Justice
Federal Grant Award Number: 2020 MU-BX-0088

1. DEFINITIONS GOVERNING AGREEMENT

The definitions below govern the terms used in this Agreement.

1.01 The term "Agreement" as used in this document means the Agreement between the State Court Administrative Office (the "SCAO") and Grantee, and includes any subsequent amendments thereto.

1.02 The term "Authorizing Official" means the individual, named by the applicant organization, who is authorized to act for the Grantee and to assume the Grantee's obligations imposed by the laws, regulations, requirements, and conditions that apply to grant awards.

1.03 The term "Confidential Information" means confidential and/or Proprietary Information belonging to the SCAO which is disclosed to the Grantee or which the Grantee otherwise learns of during the course of or as the direct or indirect result of rendering its Services for the SCAO. Confidential or Proprietary Information is information not generally known to third parties or to others who could obtain economic value from their disclosure or use of the information. This includes all proprietary technical, financial, or other information owned by SCAO or any of its vendors, including by way of illustration, but not limitation, computerized

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data, codes, programs and software, written material, inventions, whether or not patented or patentable, designs, works of authorship, works subject to or under copyright protection, trade secrets or trademark –protected material, performance standards concepts, formulae, charts, statistics, financial records and reports of the SCAO or any entity otherwise affiliated with the SCAO. Confidential or Proprietary Information also includes all confidential and proprietary material that the Grantee may design, author, create, distribute or produce during the term of this Agreement when rendering Services thereunder. All information gained during the course of Grantee's retention should be presumed confidential unless the information is clearly identified otherwise or the circumstances of disclosure demonstrate it not to be confidential.

1.04 The term "Effective Date" means the date upon which this Agreement becomes effective, which is the date the Agreement is signed by both Parties. If the Parties do not sign the Agreement on the same date, the latest specified date will become the Agreement's effective date.

1.05 The term "Employee Benefits" means any and all employee benefits the SCAO provides to its employees, including, but not limited to, workers' compensation, retirement, pension, insurance, fringe, educational training, holiday/sick/vacation pay benefits, or any other similar benefits.

1.06 The term "Grant Amount" is the amount specified as "Grant Amount" on the first page of this Agreement.

1.07 The term "Grantee" as used in this Agreement includes the Grantee(s)/Party(ies) with which the SCAO is contracting and also includes the Grantee's employees, agents and subrecipients providing Services and/or receiving funds under the Agreement and the Grantee's Authorizing Official. Further, the "Grantee" includes subrecipients referred to in the Audit section of this Agreement.

1.08 The term "Inventions, Patented and/or Copyrighted Materials" means such writings, inventions, improvements, or discoveries whether or not under an existing copyright, patent or copyright/patent application or any other third party intellectual property right that were written, invented, made, or discovered by the Grantee, including its employees, agents and/or subrecipients jointly with the SCAO while engaged in Services under this Agreement.

1.09 The term "Liabilities" means any and all liabilities, obligations, damages, penalties, claims, costs, fees, charges, and expenses, including, but not limited to, fees and expenses of attorneys and litigation related to the Services provided.

1.10 The term "Parties" includes the SCAO, Grantee, and all of their employees, agents and subrecipients, including as defined in the term "Grantee".

1.11 The term "Program Expenses" means all expenses including, but not limited to, license fees and all other types of fees, memberships and dues, automobile and fuel expenses, insurance premiums, copying costs, telephone costs and all other types of costs, and all salary and expenses incurred by the Grantee, and all other compensation paid to the Grantee's employees or subcontractors that the Grantee hires, retains or utilizes for the Grantee's

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performance under this Agreement. This term includes allowable program costs as articulated in WebGrants. This term also includes Travel Expenses as defined below.

1.12 The term "Services" refers to the goods, services, activities, projects and initiatives that the Grantee agrees to provide to the SCAO under this Agreement, as described in the Scope of Services, Scope of Work, and all descriptions of services in any attachments and amendments to the Agreement.

1.13 The term "Taxes" refers to any and all federal, state, and local taxes, including, but not limited to, income taxes, social security taxes, unemployment insurance taxes, and any other taxes or fees for which Provider is responsible.

1.14 The term "Travel Expenses" means expenses Grantee incurs for travel located outside the Lansing, Michigan area, including lodging, mileage and meals that the Grantee incurs in the reasonable fulfillment of the terms of this Agreement. Reimbursable Travel Expenses must be approved by SCAO before they are incurred.

1.15 The term "WebGrants" refers to the web-based grant management system used by the SCAO.

2. PERIOD OF AGREEMENT

2.01 This Agreement shall commence on October 1, 2021, and terminate on September 30, 2022, unless an exception is explicitly granted by the SCAO.

3. AGREEMENT AMOUNT AND BUDGET

3.01 This Agreement incorporates the Grantee's approved grant application request and most recently approved budget. Budget deviations that exceed the Grant Amount are not permitted. The SCAO agrees to provide funding in an amount not to exceed the Grant Amount, conditioned entirely upon the SCAO's actual receipt of the award. To the extent that Grant Amount is reduced or eliminated, the SCAO has no obligation to the Grantee to fulfill the terms of this Agreement, and the Grantee has no recourse therefrom. In no event does this Agreement create for the Grantee's benefit a lien against or entitlement to any other funds of the SCAO or the Michigan Supreme Court.

4. RISK EVALUATION REQUIREMENT

4.01 The SCAO is responsible to evaluate risk of Grantee's noncompliance with federal statutes, regulations, and terms, 2 CFR 200.332. Additional reporting requirements to mitigate noncompliance may be required based on the court's risk level. If applicable, the additional reporting requirements will be listed on the award letter.

5. RELATIONSHIP

5.01 No employer/employee relationship exists between the Parties. Further, no employee or subrecipient of the Grantee is an employee of the SCAO. The Grantee is an independent contractor, not an employee of the SCAO.

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5.02 The SCAO is not obligated either under this Agreement or by implication to provide and is not liable to the Grantee for failure to provide the Grantee with Employee Benefits. The Grantee is not eligible for and will not receive any Employee Benefits from the SCAO.

5.03 The Grantee is responsible for payment of all Taxes arising out of the Grantee's Services in accordance with this Agreement.

5.04 The Grantee does not, and shall not, have the authority to enter into contracts on the SCAO's behalf.

6. CHANGE IN GRANTEE CONTACT

6.01 The Grantee must submit a contract amendment through WebGrants notifying the SCAO of any changes in project directors, program judges, agency contacts, financial officers, or authorizing officials, including changes in names, mailing addresses, e-mail addresses, and telephone numbers.

7. SCOPE OF SERVICES

7.01 The Grantee shall use its best efforts and devote such time, attention, skill, knowledge, and professional ability as necessary to most effectively and efficiently carry out and perform the Services. Commitment of the state resources for the acquisition of goods and services, and execution of purchase orders, contracts, and similar agreements shall remain the sole responsibility of the SCAO.

8. STATEMENT OF WORK

8.01 The Grantee agrees to undertake, perform, and complete the Services described in their approved grant application. The Grantee may not assign the performance of Services under this Agreement to any other entity or person who is not an employee of the Grantee except with prior written approval of the SCAO. If performance is so assigned, all requirements in this Agreement shall apply to such performance and the Grantee shall be responsible for the performance of such Services.

9. WRITTEN DISCLOSURE

9.01 The Grantee shall promptly disclose in writing to the SCAO all Inventions, Patented and/or Copyrighted Materials jointly with the SCAO or singly by the Grantee or the Grantee's employees or subrecipients while engaged in Services under this Agreement. As to each such disclosure, the Grantee shall specifically point out the features or concepts that are new, unique, or different such that they may qualify for copyright, patent, or other intellectual property protection. Further, upon the SCAO's request, the Grantee shall assist the SCAO in determining and acquiring copyrights, patents, or other such intellectual property protection for any Inventions, Patented and/or Copyrighted Materials for which the SCAO desires to obtain such protection.

9.02 The Grantee warrants that there are at present no such Inventions, Patented and/or Copyrighted Materials for which the Grantee seeks protection or which the Grantee desires to

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remove from this Agreement. Further, the Grantee warrants that its performance under this Agreement will not infringe upon or misappropriate any third party's Inventions, Patented and/or Copyrighted Materials.

10. INSURANCE

10.01 The Grantee shall carry insurance coverage or self-insurance in such amounts necessary to cover all claims related to the Grantee's Services and as required by law.

11. PERFORMANCE MEASUREMENT DATA AND REPORTING REQUIREMENTS

11.01 The Grantee agrees to timely provide all applicable performance measurement data, including complete and accurate reports as identified in Attachment 1 related to this Agreement so that the SCAO can meet its reporting requirements with the Bureau of Justice Assistance (BJA).

11.02 Further, for each participant who is screened or accepted into the BJA grant program, the Grantee must timely enter data in compliance with the minimum standards established by the SCAO into the Drug Court Case Management Information System (DCCMIS).

11.03 When any required report is 30 calendar days past due, a delinquency notice will be sent notifying the Grantee that it has 15 calendar days to comply with the reporting requirement. When any required report is 45 calendar days past due, the Grantee's funding award will be rescinded and the SCAO will send a forfeiture notice to the Grantee. Notices will be sent as provided in Section 34 of this Agreement.

12. PAYMENT PROCESSING

12.01 The Grantee must submit all payment requests along with all required reports, records, and source documentation. Payment requests must be timely submitted to ensure that the SCAO can request reimbursement from BJA within the required reimbursement period. If required support for payment is provided, the Grantee will be paid within 30 calendar days after submission. The Grantee must sign up through the online vendor system to receive reimbursement payments via electronic funds transfers or direct deposit. To register, go to the Department of Technology, Management, and Budget's website.

12.02 The Grantee shall make reasonable efforts to bill and collect first and third party fees, where applicable, and report them as outlined above. The Grantee will not be reimbursed for any items for which Grantee fails to bill and/or fails to attempt to collect.

12.03 The Grantee agrees to lawfully use the grant funds for the purposes and under the conditions specified in this Agreement.

12.04 Only program Services and Program Expenses detailed in the approved budget incurred during the grant period are eligible for reimbursement. Program Expenses incurred that are not detailed in the approved budget or incurred outside the grant period will not be reimbursed. Costs cannot exceed the approved grant award.

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12.05 The DOJ regulations allow the Grantee to keep funds (program income) derived from grant Services, as long as these funds are used for the same purposes as the grant project. In the absence of such regulations, these funds would be required to be returned to the DOJ. Program income is the gross income earned by the Grantee during the Agreement period as a direct result of the grant project's Services. All income generated as a direct result of an SCAO-funded project shall be deemed program income. Program income may be used to further program objectives under this Agreement or may be refunded to the SCAO. Program income may only be used for allowable program costs as articulated in WebGrants. The DOJ regulations require that program income be held in the custody of a governmental entity, with reporting on those funds to the state administrative agency (here, the SCAO). The Grantee must report any and all generated program income to the SCAO on a quarterly basis in order for the SCAO to comply with the BJA reporting and tracking requirements. For any program not earning program income, the Grantee must fill out and submit through WebGrants a Program Income Waiver/Verification by January 10th of the current fiscal year.

12.06 Reimbursement for Travel Expenses cannot exceed the lesser of the Grantee's published travel rates or allowable State of Michigan travel rates and must be approved by the SCAO prior to incurring the expense.

12.07 Failure to submit cost statements with adequate supporting documentation prior to the fiscal year close out deadline will also result in nonreimbursement of those costs. Costs from one fiscal year cannot be paid in a subsequent fiscal year.

12.08 Any unobligated balance of funds held by the Grantee at the end of the Agreement period will be returned to the SCAO or treated in accordance with instructions provided by the DOJ.

12.09 To assure that expenditures are proper and in accordance with the terms and conditions of the federal award and approved project budgets, the Grantee's annual and final fiscal reports or vouchers requesting payment under this Agreement must include a certification, signed by an official who is authorized to legally bind the Grantee. The Grantee must certify that to the best of its knowledge reports are true, complete, and accurate, and the expenditures, disbursements, and cash receipts are for the purposes set forth in the federal award's terms and conditions, and have been incurred by the Grantee's program or court. The Grantee is aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject the Grantee to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Section 3729-3730 and 3801-3812). Additionally, the Grantee is aware that this is a reimbursement-based grant.

13. EMPLOYEE TIME CERTIFICATION

13.01 All Agreement-funded employees will timely complete and submit to the SCAO an executed Employee Time Certification form supplied in WebGrants.

13.02 The Grantee shall notify the SCAO immediately as set forth in Section 6 of this Agreement when a grant-funded employee (including employees of subrecipients):

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- becomes disabled or deceased while assigned to a grant-funded position
- is removed or reassigned from a grant-funded position; and/or
- is unable to report to work due to injury or illness not related to job performance (and is not replaced within 30 calendar days by another employee)

14. AUTHORIZED ACCESS

14.01 The Grantee must permit, upon reasonable notification and at reasonable times, access by authorized representatives of the SCAO, Federal Grantor Agency, Comptroller General of the United States and State Auditor General, or any of their duly authorized representatives, to records and documentation related to this Agreement, as authorized bylaw. The SCAO and/or the BJA and/or an outside team hired by either, may conduct on-site monitoring visit(s), evaluations and/or grant audit(s) any time during the grant period. All grant records and personnel must be made available during any visit, (including subrecipients), if requested. The Grantee shall work cooperatively with the monitoring, audit and/or evaluation team to permit full review of the program. 2 CFR 200.332(5) requires that the subrecipient permit the pass-through entity and auditors to have access to the subrecipient's records and financial statements as necessary for the pass-through entity to meet the requirements of 2 CFR 200.332, and the Grantee agrees to require its subrecipients to abide by these regulations.

15. CONFIDENTIAL INFORMATION

15.01 To ensure the Grantee effectively performs the Services, the SCAO may disclose Confidential Information to the Grantee. The Grantee shall not disclose Confidential Information to any third party without prior approval from the SCAO. If disclosure of Confidential Information is required by law or court order, the Grantee must notify the SCAO within five business days as provided in Section 34 of this Agreement before disclosure and shall reasonably cooperate with the SCAO to narrowly tailor disclosure and obtain protective orders or other relief as appropriate.

15.02 The Grantee agrees to return all Confidential Information to the SCAO immediately upon the termination of this Agreement and permanently delete any electronic copies of the data stored by the Grantee within 30 calendar days after the conclusion of this Agreement. If requested by SCAO, the Grantee will provide written confirmation that deletion has been completed.

16. MEDICAL INFORMATION

16.01 Both the SCAO and the Grantee shall assure that medical services to, and information contained in the medical records of, persons served under this Agreement or other such recorded information required to be kept confidential by law, in connection with the Services provided under this Agreement, shall be held confidential, and shall not be divulged without the written consent of either the patient or a person responsible for the patient, except as may otherwise be required by law. Such information may be disclosed in summary, statistical,

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or other form if the disclosure does not directly or indirectly identify particular individuals. This section survives termination or expiration of this Agreement.

17. HUMAN SUBJECTS

17.01 The Grantee agrees that prior to the initiation of research, the Grantee will submit to the SCAO's Institutional Review Board (IRB) application material for all research involving human subjects conducted in programs sponsored by the SCAO or in programs which receive funding from or through the State of Michigan, to a federally assured IRB, as well as to the SCAO, for review and approval.

18. AUDITS

18.01 The Grantee must comply with the following requirements:

A. Single Audit

The Grantee that expends $750,000 or more in federal awards during their fiscal year must submit a Single Audit prepared in accordance with the Single Audit Act as amended, 31 USC Section 7501 *et seq*., the audit requirements found in 2 CFR 200.501 and the Uniform Administrative Requirements in 2 CFR Part 200. Grantee must also timely submit a Corrective Action Plan for any audit findings that impact SCAO-funded programs and a management letter with a response if applicable.

B. Audited Financial Statements

Grantees that expend less than $750,000 in federal awards during their fiscal year must submit audited financial statements to the SCAO within nine months after the end of the Grantee's fiscal year

C. Due Date and Submission Information

The required audit and any other required submissions must be timely submitted to the required federal and state agencies. The submissions must also be submitted to the SCAO within nine months after the end of the Grantee's fiscal year to:

Michigan Supreme Court Finance Department
925 W. Ottawa Street.
Lansing, Michigan 48909-0634

D. Penalty

i. Delinquent Single Audit or Financial Statement Audit

If the Grantee does not submit the required Single Audit reporting package, management letter (if issued) with a response, and Corrective Action Plan; or the audited financial statement and management letter (if issued) with a response within nine months after the end of the Grantee's fiscal year and an extension has not been approved by the cognizant or oversight agency for audit, the SCAO may withhold from the current funding an amount equal to

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five percent of the audit year's grant funding (not to exceed $200,000) until the required filing is received by the SCAO. The SCAO may retain the amount withheld if the Grantee is more than 120 calendar days delinquent in meeting the filing requirements, and may terminate this Agreement if the Grantee is more than 20 calendar days delinquent, if an extension has not been approved by the cognizant or oversight agency for audit.

ii. Delinquent Audit Status Notification Letter
Failure to submit the Audit Status Notification Letter when required may result in withholding from the current funding an amount equal to one percent of the audit year's grant funding until the Audit Status Notification Letter is received.

E. Other Audits
The SCAO or federal agencies may also conduct or arrange for "agreed upon procedures" or additional audits to meet their needs.

F. Other Requirements
To the extent that additional requirements are adopted by law during the terms of this Agreement that impact the Agreement's terms, the Grantee agrees to abide by them.

19. SUBRECIPIENT MONITORING

19.01 The Grantee is solely responsible for monitoring its subrecipients and will submit copies of all executed subcontracts from subrecipients through WebGrants within 60 calendar days of the execution of this Agreement. Subcontracts should cover all personnel contained in the "contractual" line item within the grant budget. Each listed agency shall have its own subcontract signed by the Grantee and an employee of the subrecipient agency that is authorized to enter into legally binding contracts for the entity receiving funds. Failure to submit these documents to the SCAO within 60 calendar days may result in withholding future payment or other penalties, as determined by the SCAO.

19.02 Before any Services are rendered by subrecipients, the Grantee must obtain a written subcontract executed by all affected Parties.

19.03 The Grantee's subcontracts with subrecipients shall require the subrecipients to comply with all applicable terms of this Agreement, including all BJA Special Conditions (Attachment 2) incorporated into this Agreement. The Grantee shall provide all subcontractors with a copy of this Agreement.

19.04 In the event of a conflict between provisions in this Agreement and subcontract provisions, this Agreement shall prevail, and this term shall be included by the Grantee in all subrecipient subcontracts. A conflict between this Agreement and the subrecipient, however, shall not be deemed to exist where the subcontract requires the subrecipient to perform Services in less time than this Agreement affords the Grantee. The Grantee is solely responsible to the SCAO for any and all subcontracted Services and for any breaches caused by subrecipients.

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19.05 Expenses must be reasonable and necessary. If detailed information is not included as part of the application process, the Grantee must submit a request seeking approval once the subrecipients are identified.

20. SOFTWARE COMPLIANCE

20.01 The Grantee must ensure software compliance and compatibility with the SCAO's data system for Services provided including, but not limited to: stored data, databases and interfaces for the production of work products and reports. All required data under this Agreement shall be provided in an accurate and timely manner without interruption, failure or errors due to the inaccuracy of the Grantee's business operations for processing date/time data.

21. NOTIFICATIN OF CRIMINAL OR ADMINISTRATIVE INVESTIGATIONS

21.01 If the Grantee becomes aware of a criminal or administrative investigation or charge that directly or indirectly involves grant funds referenced in this Agreement, the Grantee shall immediately notify the SCAO that of the investigation or charge as provided in Section 34 of this Agreement.

22. AGREEEMENT REDUCTION/SUSPENSION/TERMINATION

22.01 The SCAO and/or the Grantee may reduce the project budget, or suspend or terminate this Agreement without further liability or penalty to the SCAO under any of the following circumstances:

A. If any of the terms of this Agreement are not adhered to by the Grantee/subrecipients.

B. If the Grantee fails to make progress satisfactory to SCAO toward the project goals, objectives, or strategies set forth in this Agreement, including but not limited to a determination by the SCAO after second quarter claims are submitted, in its sole discretion, that project funds are not reasonably likely to be fully expended by the end of the fiscal year.

C. If the Grantee proposes or implements substantial changes to the Scope of Services/Work such that, if originally submitted, the application would not have been selected for funding.

D. If the Grantee submits false certification or falsifies any other report or document required hereunder.

E. If the Grantee is convicted of any activity referenced in Section 21 of this Agreement during the term of this Agreement or any extension thereof.

F. If the SCAO terminates this Agreement under Section 22, the Grantee is not eligible for SCAO grant funding for two years. After the two-year period, the Grantee must verify in writing with SCAO that the Grantee has have corrected the issues.

G. If funding for this Agreement becomes unavailable to the SCAO due to appropriation or budget shortfalls.

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22.02 Each Party has the right to terminate this Agreement without cause. However, the terminating party must provide written notice to the other party of such termination at least 15 calendar days before the termination will be effective as provided in Section 34 of this Agreement.

23. FINAL REPORTING UPON TERMINATION

23.01 Should this Agreement be terminated by either party, within 30 calendar days after the termination, the Grantee shall provide the SCAO with all financial, performance, and other reports required as a condition of this Agreement. The SCAO will make payments to the Grantee for allowable reimbursable expenses not covered by previous payments or other state or federal programs if the costs are adequately documented and appropriately authorized. The Grantee shall immediately refund to the SCAO any funds not authorized for use and any payments or funds advanced to the Grantee in excess of allowable reimbursable expenditures.

23.02 If this Agreement is terminated by the SCAO for the Grantee's failure to meet the grant management requirements, the Grantee shall not be eligible to seek future grant funding from the SCAO BJA grant program.

24. SEVERABILITY

24.01 If any provision of this Agreement or of any document attached to or incorporated by reference is waived or held to be invalid, such waiver or invalidity shall not affect other provisions of this Agreement.

25. LIABILITIES

25.01 The Grantee agrees to indemnify, defend and hold harmless the SCAO, the Michigan Supreme Court, and their respective agents, officers, and employees (the "SCAO, MSC and related entities") from any Liabilities that may be imposed upon, incurred by, or asserted against the SCAO, MSC and related entities by reason of the Grantee's Services provided and/or the Grantee's failure to provide such Services as specified in this provided that nothing herein shall be construed as a waiver of any governmental immunity as provided by law.

26. MICHIGAN LAW

26.01 This Agreement shall be subject to, and shall be enforced and construed under, the laws of Michigan.

27. DEBT TO STATE OF MICHIGAN

27.01 The Grantee covenants that it is not, and will not become, in arrears to the State of Michigan or any of its subdivisions upon contract, debt, or any other obligation to the State of Michigan or its subdivisions, including real property, personal property, and income taxes.

28. DISPUTES

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28.01 The Grantee shall notify the SCAO in writing of the Grantee's intent to pursue a claim against the SCAO for breach of any term of this Agreement within 10 business days of discovery of the alleged breach as provided in Section 34 of this Agreement.

29. CONFLICT OF INTEREST

29.01 Because this Agreement involves federal grant funds and contracts with governmental entities, the SCAO and the Grantee are subject to the provisions of the federal Freedom of Information Act, found in 5 U.S.C. 552 *et seq.*, the Contracts of Public Servants with Public Entities Act, found in MCL 15.321 *et seq*., and the Standards of Conduct for Public Officers and Employees Act, found in MCL 15.341 *et seq.* Further, the Grantee certifies that the Grantee presently has no personal or financial interest, and shall not acquire any such interest, direct or indirect, that would conflict in any manner or degree with the performance of this Agreement.

30. COMPLIANCE WITH APPLICABLE LAWS AND AGREEMENTS

30.01 The Grantee will comply with applicable federal and state laws, guidelines, rules, and regulations in carrying out the terms of this Agreement. The Grantee will also comply with all applicable general administrative requirements such as Uniform Administrative Requirements, Cost Principles, and Audit Requirements in 2 CFR Part 200 covering cost principles, grant/agreement principles, and audits in carrying out the terms of this Agreement, as well as the terms of the Agreement between the BJA and the SCAO. The SCAO shall supply the Grantee with a copy of said Agreement.

31. AMENDMENT TO AGREEMENT

31.01 This Agreement, including but not limited to the scope of work and project budget changes, may be amended only by the Grantee's submission of a Contract Amendment form through WebGrants.

32. ENTIRE AGREEMENT

32.01 Except for the Grantee's approved grant application, application assurances, the most recently approved budget and all attachments to this Agreement, this Agreement contains the entire Agreement between the Parties and supersedes any prior written or oral promises and representations. No other understanding, oral or otherwise, regarding the subject matter of this Agreement exists to bind either of the Parties.

33. PROGRAM CERTIFICATION

33.01 Under Michigan law, approval and certification by the SCAO is required to begin or to continue the operation of an adult drug, DWI sobriety, hybrid drug/DWI, veterans, or family treatment court. Any of these programs that are not certified shall not perform any of the functions of that program type, including, but not limited to, receiving grant funding under the law and shall not be covered by this Agreement.

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34. PROGRAM REVIEW OR CERTIFICATION SITE VISIT

34.01 The SCAO may review the Grantee onsite. As part of the review, the SCAO may interview the program's team members, observe staff meetings and status review hearings, review case files, review data, and review financial records.

35. DELIVERY OF NOTICE

35.01 Written notices and communications required under this Agreement shall be delivered in one of two forms: 1) by electronic mail or 2) by overnight delivery sent by a nationally recognized overnight delivery service to the following:

35.02 The Grantee's contact person is

Tammi Price
5th Circuit Court
Courthouse
220 W. State Street
Hastings, MI 49058

35.03 The SCAO's contact person is:

Andrew Smith
State Court Administrative Office
Michigan Hall of Justice
P.O. Box 30048
Lansing, MI 48909
SmithA@courts.mi.gov

and

Ryan Gamby
State Court Administrative Office
Michigan Hall of Justice
P.O. Box 30048
Lansing, MI 48909
Gambyr@courts.mi.gov

36. GRANTEE'S AUTHORIZING OFFICIAL

36.01 The Grantee's "Authorizing Official" is the individual who signs this Contract. The Authorizing Official must be a person who is authorized to enter into a binding contract for the Grantee. The Authorizing Official may not be a judge or other state employee. The Authorizing Official might be from the Executive or Legislative Branch of the Grantee — for example, the Authorizing Official might be the County Administrator, Chair of the Board of Commissioners, Court Administrator, City Manager, Legal Counsel, Finance Director, or Mayor.

36.02 Only one person may sign this Contract as the Grantee's Authorizing Official. The Grantee might have more than one individual who is authorized to enter into binding contracts for

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the Grantee that is receiving funds, or the Grantee's local rules might provide that multiple people must sign contracts. In either case, the Authorizing Official's signature on this Contract represents the mutual agreement and acceptance of this Contract by all persons who are authorized to enter into binding contracts for the Grantee.

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SIGNATURES OF PARTIES
CONTRACT NUMBER: 26158

37. SIGNATURE OF PARTIES

37.01 This Agreement is not effective unless signed by both Parties.

37.02 The signatures on this Agreement are electronic through the DocuSign system.

37.03 The DocuSign system requires an agent of the Grantee to send this Agreement to the Grantee's Authorizing Official for the Authorizing Official's review and signature. Selecting the dropdown below confirms that the Agreement can be sent to the Grantee's Authorizing Official for signature.

37.04 The DocuSign system requires an SCAO staff member to send this Agreement to an agent of the SCAO for review and signature.

5th Circuit Court **Hybrid DWI/Drug Court**	**State Court Administrative Office**
_____ Authorizing Official's Signature	_____ Authorizing Official's Signature
_____ Authorizing Official's Name	_____ Authorizing Official's Name
_____ Authorizing Official's Title	_____ Authorizing Official's Title
_____ Date Signed by Authorizing Official	_____ Date Signed by Authorizing Official

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Attachment 1

BUREAU OF JUSICE ASSISTANCE (BJA) GRANT
FY 2022 REPORTING REQUIREMENTS
October 1, 2021 through September 30, 2022

PROGRAM REPORT DUE DATES	
January 10, 2022	Courts will be reporting on progress made during **October 1, 2021 through December 31, 2021**.
April 10, 2022	Courts will be reporting on progress made during **January 1, 2022 through March 31, 2022**.
July 10, 2022	Courts will be reporting on progress made during **April 1, 2022 through June 30, 2022**.
October 10, 2022	Courts will be reporting on progress made during **July 1, 2022 through September 30, 2022**.

PROGRAM INCOME REPORT DUE DATES	
January 10, 2022	Courts will be reporting on income collected **October 1, 2021 through December 31, 2021**
April 10, 2022	Courts will be reporting on income collected **January 1, 2022 through March 31, 2022**.
July 10, 2022	Courts will be reporting on income collected **April 1, 2022 through June 30, 2022**.
October 10, 2022	Courts will be reporting on income collected **July 1, 2022 through September 30, 2022**.

FINANCIAL CLAIM REPORTS DUE DATES	
January 10, 2022	Courts will be reporting on expenditures from **October 1, 2021 through December 31, 2021**.
April 10, 2022	Courts will be reporting on expenditures from **January 1, 2022 through March 31, 2022**.
July 10, 2022	Courts will be reporting on expenditures from **April 1, 2022 through June 30, 2022**.
October 10, 2022*	Courts will be reporting on expenditures from **July 1, 2022 through September 30, 2022**.

PROGRAM INCOME VERIFICATION DUE DATE	
January 10, 2022	Courts will be verifying whether program income is collected.

EMPLOYEE TIME CERTIFICATION DUE DATES	
April 10, 2022	Courts will be reporting on employee time paid by the grant during the time period of **October 1, 2021 through March 31, 2022**.
October 10, 2022	Courts will be reporting on employee time paid by the grant during the time period of **July 1, 2022 through September 30, 2022**.

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OFFICE OF CIVIL RIGHTS CERTIFICATION DUE DATE	
October 10, 2021	Courts will be reporting that personnel and all subrecipients completed the Office of Civil Rights training.

EQUAL EMPLOYMENT OPPORTUNITY PLAN (EEOP) CERTIFICATION DUE DATE	
October 10, 2021	Courts will report on their EEOP plan and/or submit their certification pursuant to 28 CFR 42.301 *et seq.*

PERFORMANCE MEASUREMENT PLATFORM DUE DATES	
January 10, 2022	Courts will be reporting on progress made during **October 1, 2021 through December 31, 2021**.
April 10, 2022	Courts will be reporting on progress made during **January 1, 2022 through March 31, 2022**.
July 10, 2022	Courts will be reporting on progress made during **April 1, 2022 through June 30, 2022**.
October 10, 2022	Courts will be reporting on progress made during **July 1, 2022 through September 30, 2022**.

*When the fourth quarter claim due date falls on a weekend, the new due date will be the Thursday prior.

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Department of Justice (DOJ) Office of Justice Programs **Bureau of Justice Assistance**	**AWARD CONTINUATION SHEET** **Grant**	PAGE 2 OF 16

PROJECT NUMBER 2020-MU-BX-0088 AWARD DATE

SPECIAL CONDITIONS

1. Requirements of the award; remedies for non-compliance or for materially false statements

   The conditions of this award are material requirements of the award. Compliance with any assurances or certifications submitted by or on behalf of the recipient that relate to conduct during the period of performance also is a material requirement of this award.

   Limited Exceptions. In certain special circumstances, the U.S. Department of Justice ("DOJ") may determine that it will not enforce, or enforce only in part, one or more requirements otherwise applicable to the award. Any such exceptions regarding enforcement, including any such exceptions made during the period of performance, are (or will be during the period of performance) set out through the Office of Justice Programs ("OJP") webpage entitled "Legal Notices: Special circumstances as to particular award conditions" (ojp.gov/funding/Explore/LegalNotices-AwardReqts.htm), and incorporated by reference into the award.

   By signing and accepting this award on behalf of the recipient, the authorized recipient official accepts all material requirements of the award, and specifically adopts, as if personally executed by the authorized recipient official, all assurances or certifications submitted by or on behalf of the recipient that relate to conduct during the period of performance.

   Failure to comply with one or more award requirements -- whether a condition set out in full below, a condition incorporated by reference below, or an assurance or certification related to conduct during the award period -- may result in OJP taking appropriate action with respect to the recipient and the award. Among other things, the OJP may withhold award funds, disallow costs, or suspend or terminate the award. DOJ, including OJP, also may take other legal action as appropriate.

   Any materially false, fictitious, or fraudulent statement to the federal government related to this award (or concealment or omission of a material fact) may be the subject of criminal prosecution (including under 18 U.S.C. 1001 and/or 1621, and/or 34 U.S.C. 10271-10273), and also may lead to imposition of civil penalties and administrative remedies for false claims or otherwise (including under 31 U.S.C. 3729-3730 and 3801-3812).

   Should any provision of a requirement of this award be held to be invalid or unenforceable by its terms, that provision shall first be applied with a limited construction so as to give it the maximum effect permitted by law. Should it be held, instead, that the provision is utterly invalid or -unenforceable, such provision shall be deemed severable from this award.

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SPECIAL CONDITIONS

2. Applicability of Part 200 Uniform Requirements

The Uniform Administrative Requirements, Cost Principles, and Audit Requirements in 2 C.F.R. Part 200, as adopted and supplemented by DOJ in 2 C.F.R. Part 2800 (together, the "Part 200 Uniform Requirements") apply to this FY 2020 award from OJP.

The Part 200 Uniform Requirements were first adopted by DOJ on December 26, 2014. If this FY 2020 award supplements funds previously awarded by OJP under the same award number (e.g., funds awarded during or before December 2014), the Part 200 Uniform Requirements apply with respect to all funds under that award number (regardless of the award date, and regardless of whether derived from the initial award or a supplemental award) that are obligated on or after the acceptance date of this FY 2020 award.

For more information and resources on the Part 200 Uniform Requirements as they relate to OJP awards and subawards ("subgrants"), see the OJP website at https://ojp.gov/funding/Part200UniformRequirements.htm.

Record retention and access: Records pertinent to the award that the recipient (and any subrecipient ("subgrantee") at any tier) must retain -- typically for a period of 3 years from the date of submission of the final expenditure report (SF 425), unless a different retention period applies -- and to which the recipient (and any subrecipient ("subgrantee") at any tier) must provide access, include performance measurement information, in addition to the financial records, supporting documents, statistical records, and other pertinent records indicated at 2 C.F.R. 200.333.

In the event that an award-related question arises from documents or other materials prepared or distributed by OJP that may appear to conflict with, or differ in some way from, the provisions of the Part 200 Uniform Requirements, the recipient is to contact OJP promptly for clarification.

3. Compliance with DOJ Grants Financial Guide

References to the DOJ Grants Financial Guide are to the DOJ Grants Financial Guide as posted on the OJP website (currently, the "DOJ Grants Financial Guide" available at https://ojp.gov/financialguide/DOJ/index.htm), including any updated version that may be posted during the period of performance. The recipient agrees to comply with the DOJ Grants Financial Guide.

4. Reclassification of various statutory provisions to a new Title 34 of the United States Code

On September 1, 2017, various statutory provisions previously codified elsewhere in the U.S. Code were editorially reclassified (that is, moved and renumbered) to a new Title 34, entitled "Crime Control and Law Enforcement." The reclassification encompassed a number of statutory provisions pertinent to OJP awards (that is, OJP grants and cooperative agreements), including many provisions previously codified in Title 42 of the U.S. Code.

Effective as of September 1, 2017, any reference in this award document to a statutory provision that has been reclassified to the new Title 34 of the U.S. Code is to be read as a reference to that statutory provision as reclassified to Title 34. This rule of construction specifically includes references set out in award conditions, references set out in material incorporated by reference through award conditions, and references set out in other award requirements.

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SPECIAL CONDITIONS

5. Required training for Point of Contact and all Financial Points of Contact

   Both the Point of Contact (POC) and all Financial Points of Contact (FPOCs) for this award must have successfully completed an "OJP financial management and grant administration training" by 120 days after the date of the recipient's acceptance of the award. Successful completion of such a training on or after January 1, 2018, will satisfy this condition.

   In the event that either the POC or an FPOC for this award changes during the period of performance, the new POC or FPOC must have successfully completed an "OJP financial management and grant administration training" by 120 calendar days after -- (1) the date of OJP's approval of the "Change Grantee Contact" GAN (in the case of a new POC), or (2) the date the POC enters information on the new FPOC in GMS (in the case of a new FPOC). Successful completion of such a training on or after January 1, 2018, will satisfy this condition.

   A list of OJP trainings that OJP will consider "OJP financial management and grant administration training" for purposes of this condition is available at https://www.ojp.gov/training/fmts.htm. All trainings that satisfy this condition include a session on grant fraud prevention and detection.

   The recipient should anticipate that OJP will immediately withhold ("freeze") award funds if the recipient fails to comply with this condition. The recipient's failure to comply also may lead OJP to impose additional appropriate conditions on this award.

6. Requirements related to "de minimis" indirect cost rate

   A recipient that is eligible under the Part 200 Uniform Requirements and other applicable law to use the "de minimis" indirect cost rate described in 2 C.F.R. 200.414(f), and that elects to use the "de minimis" indirect cost rate, must advise OJP in writing of both its eligibility and its election, and must comply with all associated requirements in the Part 200 Uniform Requirements. The "de minimis" rate may be applied only to modified total direct costs (MTDC) as defined by the Part 200 Uniform Requirements.

7. Requirement to report potentially duplicative funding

   If the recipient currently has other active awards of federal funds, or if the recipient receives any other award of federal funds during the period of performance for this award, the recipient promptly must determine whether funds from any of those other federal awards have been, are being, or are to be used (in whole or in part) for one or more of the identical cost items for which funds are provided under this award. If so, the recipient must promptly notify the DOJ awarding agency (OJP or OVW, as appropriate) in writing of the potential duplication, and, if so requested by the DOJ awarding agency, must seek a budget-modification or change-of-project-scope grant adjustment notice (GAN) to eliminate any inappropriate duplication of funding.

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SPECIAL CONDITIONS

8. Requirements related to System for Award Management and Universal Identifier Requirements

The recipient must comply with applicable requirements regarding the System for Award Management (SAM), currently accessible at https://www.sam.gov/. This includes applicable requirements regarding registration with SAM, as well as maintaining the currency of information in SAM.

The recipient also must comply with applicable restrictions on subawards ("subgrants") to first-tier subrecipients (first-tier "subgrantees"), including restrictions on subawards to entities that do not acquire and provide (to the recipient) the unique entity identifier required for SAM registration.

The details of the recipient's obligations related to SAM and to unique entity identifiers are posted on the OJP web site at https://ojp.gov/funding/Explore/SAM.htm (Award condition: System for Award Management (SAM) and Universal Identifier Requirements), and are incorporated by reference here.

This condition does not apply to an award to an individual who received the award as a natural person (i.e., unrelated to any business or non-profit organization that he or she may own or operate in his or her name).

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SPECIAL CONDITIONS

9. Employment eligibility verification for hiring under the award

1. The recipient (and any subrecipient at any tier) must--

A. Ensure that, as part of the hiring process for any position within the United States that is or will be funded (in whole or in part) with award funds, the recipient (or any subrecipient) properly verifies the employment eligibility of the individual who is being hired, consistent with the provisions of 8 U.S.C. 1324a(a)(1) and (2).

B. Notify all persons associated with the recipient (or any subrecipient) who are or will be involved in activities under this award of both--

(1) this award requirement for verification of employment eligibility, and

(2) the associated provisions in 8 U.S.C. 1324a(a)(1) and (2) that, generally speaking, make it unlawful, in the United States, to hire (or recruit for employment) certain aliens.

C. Provide training (to the extent necessary) to those persons required by this condition to be notified of the award requirement for employment eligibility verification and of the associated provisions of 8 U.S.C. 1324a(a)(1) and (2).

D. As part of the recordkeeping for the award (including pursuant to the Part 200 Uniform Requirements), maintain records of all employment eligibility verifications pertinent to compliance with this award condition in accordance with Form I-9 record retention requirements, as well as records of all pertinent notifications and trainings.

2. Monitoring

The recipient's monitoring responsibilities include monitoring of subrecipient compliance with this condition.

3. Allowable costs

To the extent that such costs are not reimbursed under any other federal program, award funds may be obligated for the reasonable, necessary, and allocable costs (if any) of actions designed to ensure compliance with this condition.

4. Rules of construction

A. Staff involved in the hiring process

For purposes of this condition, persons "who are or will be involved in activities under this award" specifically includes (without limitation) any and all recipient (or any subrecipient) officials or other staff who are or will be involved in the hiring process with respect to a position that is or will be funded (in whole or in part) with award funds.

B. Employment eligibility confirmation with E-Verify

For purposes of satisfying the requirement of this condition regarding verification of employment eligibility, the recipient (or any subrecipient) may choose to participate in, and use, E-Verify (www.e-verify.gov), provided an appropriate person authorized to act on behalf of the recipient (or subrecipient) uses E-Verify (and follows the proper E-Verify procedures, including in the event of a "Tentative Nonconfirmation" or a "Final Nonconfirmation") to confirm employment eligibility for each hiring for a position in the United States that is or will be funded (in whole or in part) with award funds.

C. "United States" specifically includes the District of Columbia, Puerto Rico, Guam, the Virgin Islands of the United States, and the Commonwealth of the Northern Mariana Islands.

D. Nothing in this condition shall be understood to authorize or require any recipient, any subrecipient at any tier, or

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SPECIAL CONDITIONS

any person or other entity, to violate any federal law, including any applicable civil rights or nondiscrimination law.

E. Nothing in this condition, including in paragraph 4.B., shall be understood to relieve any recipient, any subrecipient at any tier, or any person or other entity, of any obligation otherwise imposed by law, including 8 U.S.C. 1324a(a)(1) and (2).

Questions about E-Verify should be directed to DHS. For more information about E-Verify visit the E-Verify website (https://www.e-verify.gov/) or email E-Verify at E-Verify@dhs.gov. E-Verify employer agents can email E-Verify at E-VerifyEmployerAgent@dhs.gov.

Questions about the meaning or scope of this condition should be directed to OJP, before award acceptance.

10. Requirement to report actual or imminent breach of personally identifiable information (PII)

The recipient (and any "subrecipient" at any tier) must have written procedures in place to respond in the event of an actual or imminent "breach" (OMB M-17-12) if it (or a subrecipient) -- (1) creates, collects, uses, processes, stores, maintains, disseminates, discloses, or disposes of "personally identifiable information (PII)" (2 CFR 200.79) within the scope of an OJP grant-funded program or activity, or (2) uses or operates a "Federal information system" (OMB Circular A-130). The recipient's breach procedures must include a requirement to report actual or imminent breach of PII to an OJP Program Manager no later than 24 hours after an occurrence of an actual breach, or the detection of an imminent breach.

11. All subawards ("subgrants") must have specific federal authorization

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements for authorization of any subaward. This condition applies to agreements that -- for purposes of federal grants administrative requirements -- OJP considers a "subaward" (and therefore does not consider a procurement "contract").

The details of the requirement for authorization of any subaward are posted on the OJP web site at https://ojp.gov/funding/Explore/SubawardAuthorization.htm (Award condition: All subawards ("subgrants") must have specific federal authorization), and are incorporated by reference here.

12. Specific post-award approval required to use a noncompetitive approach in any procurement contract that would exceed $250,000

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements to obtain specific advance approval to use a noncompetitive approach in any procurement contract that would exceed the Simplified Acquisition Threshold (currently, $250,000). This condition applies to agreements that -- for purposes of federal grants administrative requirements -- OJP considers a procurement "contract" (and therefore does not consider a subaward).

The details of the requirement for advance approval to use a noncompetitive approach in a procurement contract under an OJP award are posted on the OJP web site at https://ojp.gov/funding/Explore/NoncompetitiveProcurement.htm (Award condition: Specific post-award approval required to use a noncompetitive approach in a procurement contract (if contract would exceed $250,000)), and are incorporated by reference here.

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SPECIAL CONDITIONS

13. Unreasonable restrictions on competition under the award; association with federal government

SCOPE. This condition applies with respect to any procurement of property or services that is funded (in whole or in part) by this award, whether by the recipient or by any subrecipient at any tier, and regardless of the dollar amount of the purchase or acquisition, the method of procurement, or the nature of any legal instrument used. The provisions of this condition must be among those included in any subaward (at any tier).

1. No discrimination, in procurement transactions, against associates of the federal government

Consistent with the (DOJ) Part 200 Uniform Requirements -- including as set out at 2 C.F.R. 200.300 (requiring awards to be "manage[d] and administer[ed] in a manner so as to ensure that Federal funding is expended and associated programs are implemented in full accordance with U.S. statutory and public policy requirements") and 200.319(a) (generally requiring "[a]ll procurement transactions [to] be conducted in a manner providing full and open competition" and forbidding practices "restrictive of competition," such as "[p]lacing unreasonable requirements on firms in order for them to qualify to do business" and taking "[a]ny arbitrary action in the procurement process") -- no recipient (or subrecipient, at any tier) may (in any procurement transaction) discriminate against any person or entity on the basis of such person or entity's status as an "associate of the federal government" (or on the basis of such person or entity's status as a parent, affiliate, or subsidiary of such an associate), except as expressly set out in 2 C.F.R. 200.319(a) or as specifically authorized by USDOJ.

2. Monitoring

The recipient's monitoring responsibilities include monitoring of subrecipient compliance with this condition.

3. Allowable costs

To the extent that such costs are not reimbursed under any other federal program, award funds may be obligated for the reasonable, necessary, and allocable costs (if any) of actions designed to ensure compliance with this condition.

4. Rules of construction

A. The term "associate of the federal government" means any person or entity engaged or employed (in the past or at present) by or on behalf of the federal government -- as an employee, contractor or subcontractor (at any tier), grant recipient or -subrecipient (at any tier), agent, or otherwise -- in undertaking any work, project, or activity for or on behalf of (or in providing goods or services to or on behalf of) the federal government, and includes any applicant for such employment or engagement, and any person or entity committed by legal instrument to undertake any such work, project, or activity (or to provide such goods or services) in future.

B. Nothing in this condition shall be understood to authorize or require any recipient, any subrecipient at any tier, or any person or other entity, to violate any federal law, including any applicable civil rights or nondiscrimination law.

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SPECIAL CONDITIONS

14. Requirements pertaining to prohibited conduct related to trafficking in persons (including reporting requirements and OJP authority to terminate award)

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements (including requirements to report allegations) pertaining to prohibited conduct related to the trafficking of persons, whether on the part of recipients, subrecipients ("subgrantees"), or individuals defined (for purposes of this condition) as "employees" of the recipient or of any subrecipient.

The details of the recipient's obligations related to prohibited conduct related to trafficking in persons are posted on the OJP web site at https://ojp.gov/funding/Explore/ProhibitedConduct-Trafficking.htm (Award condition: Prohibited conduct by recipients and subrecipients related to trafficking in persons (including reporting requirements and OJP authority to terminate award)), and are incorporated by reference here.

15. Determination of suitability to interact with participating minors

SCOPE. This condition applies to this award if it is indicated -- in the application for the award (as approved by DOJ)(or in the application for any subaward, at any tier), the DOJ funding announcement (solicitation), or an associated federal statute -- that a purpose of some or all of the activities to be carried out under the award (whether by the recipient, or a subrecipient at any tier) is to benefit a set of individuals under 18 years of age.

The recipient, and any subrecipient at any tier, must make determinations of suitability before certain individuals may interact with participating minors. This requirement applies regardless of an individual's employment status.

The details of this requirement are posted on the OJP web site at https://ojp.gov/funding/Explore/Interact-Minors.htm (Award condition: Determination of suitability required, in advance, for certain individuals who may interact with participating minors), and are incorporated by reference here.

16. Compliance with applicable rules regarding approval, planning, and reporting of conferences, meetings, trainings, and other events

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable laws, regulations, policies, and official DOJ guidance (including specific cost limits, prior approval and reporting requirements, where applicable) governing the use of federal funds for expenses related to conferences (as that term is defined by DOJ), including the provision of food and/or beverages at such conferences, and costs of attendance at such conferences.

Information on the pertinent DOJ definition of conferences and the rules applicable to this award appears in the DOJ Grants Financial Guide (currently, as section 3.10 of "Postaward Requirements" in the "DOJ Grants Financial Guide").

17. Requirement for data on performance and effectiveness under the award

The recipient must collect and maintain data that measure the performance and effectiveness of work under this award. The data must be provided to OJP in the manner (including within the timeframes) specified by OJP in the program solicitation or other applicable written guidance. Data collection supports compliance with the Government Performance and Results Act (GPRA) and the GPRA Modernization Act of 2010, and other applicable laws.

18. OJP Training Guiding Principles

Any training or training materials that the recipient -- or any subrecipient ("subgrantee") at any tier -- develops or delivers with OJP award funds must adhere to the OJP Training Guiding Principles for Grantees and Subgrantees, available at https://ojp.gov/funding/Implement/TrainingPrinciplesForGrantees-Subgrantees.htm.

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SPECIAL CONDITIONS

19. Effect of failure to address audit issues

The recipient understands and agrees that the DOJ awarding agency (OJP or OVW, as appropriate) may withhold award funds, or may impose other related requirements, if (as determined by the DOJ awarding agency) the recipient does not satisfactorily and promptly address outstanding issues from audits required by the Part 200 Uniform Requirements (or by the terms of this award), or other outstanding issues that arise in connection with audits, investigations, or reviews of DOJ awards.

20. Potential imposition of additional requirements

The recipient agrees to comply with any additional requirements that may be imposed by the DOJ awarding agency (OJP or OVW, as appropriate) during the period of performance for this award, if the recipient is designated as "high-risk" for purposes of the DOJ high-risk grantee list.

21. Compliance with DOJ regulations pertaining to civil rights and nondiscrimination - 28 C.F.R. Part 42

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements of 28 C.F.R. Part 42, specifically including any applicable requirements in Subpart E of 28 C.F.R. Part 42 that relate to an equal employment opportunity program.

22. Compliance with DOJ regulations pertaining to civil rights and nondiscrimination - 28 C.F.R. Part 54

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements of 28 C.F.R. Part 54, which relates to nondiscrimination on the basis of sex in certain "education programs."

23. Compliance with DOJ regulations pertaining to civil rights and nondiscrimination - 28 C.F.R. Part 38

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements of 28 C.F.R. Part 38 (as may be applicable from time to time), specifically including any applicable requirements regarding written notice to program beneficiaries and prospective program beneficiaries.

Currently, among other things, 28 C.F.R. Part 38 includes rules that prohibit specific forms of discrimination on the basis of religion, a religious belief, a refusal to hold a religious belief, or refusal to attend or participate in a religious practice. Part 38, currently, also sets out rules and requirements that pertain to recipient and subrecipient ("subgrantee") organizations that engage in or conduct explicitly religious activities, as well as rules and requirements that pertain to recipients and subrecipients that are faith-based or religious organizations.

The text of 28 C.F.R. Part 38 is available via the Electronic Code of Federal Regulations (currently accessible at https://www.ecfr.gov/cgi-bin/ECFR?page=browse), by browsing to Title 28-Judicial Administration, Chapter 1, Part 38, under e-CFR "current" data.

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SPECIAL CONDITIONS

24. Restrictions on "lobbying"

In general, as a matter of federal law, federal funds awarded by OJP may not be used by the recipient, or any subrecipient ("subgrantee") at any tier, either directly or indirectly, to support or oppose the enactment, repeal, modification, or adoption of any law, regulation, or policy, at any level of government. See 18 U.S.C. 1913. (There may be exceptions if an applicable federal statute specifically authorizes certain activities that otherwise would be barred by law.)

Another federal law generally prohibits federal funds awarded by OJP from being used by the recipient, or any subrecipient at any tier, to pay any person to influence (or attempt to influence) a federal agency, a Member of Congress, or Congress (or an official or employee of any of them) with respect to the awarding of a federal grant or cooperative agreement, subgrant, contract, subcontract, or loan, or with respect to actions such as renewing, extending, or modifying any such award. See 31 U.S.C. 1352. Certain exceptions to this law apply, including an exception that applies to Indian tribes and tribal organizations.

Should any question arise as to whether a particular use of federal funds by a recipient (or subrecipient) would or might fall within the scope of these prohibitions, the recipient is to contact OJP for guidance, and may not proceed without the express prior written approval of OJP.

25. Compliance with general appropriations-law restrictions on the use of federal funds (FY 2020) The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable restrictions on the use of federal funds set out in federal appropriations statutes. Pertinent restrictions that may be set out in applicable appropriations acts are indicated at https://ojp.gov/funding/Explore/FY20AppropriationsRestrictions.htm, and are incorporated by reference here. Should a question arise as to whether a particular use of federal funds by a recipient (or a subrecipient) would or might fall within the scope of an appropriations-law restriction, the recipient is to contact OJP for guidance, and may not proceed without the express prior written approval of OJP.

26. Reporting potential fraud, waste, and abuse, and similar misconduct

The recipient, and any subrecipients ("subgrantees") at any tier, must promptly refer to the DOJ Office of the Inspector General (OIG) any credible evidence that a principal, employee, agent, subrecipient, contractor, subcontractor, or other person has, in connection with funds under this award-- (1) submitted a claim that violates the False Claims Act; or (2) committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct.

Potential fraud, waste, abuse, or misconduct involving or relating to funds under this award should be reported to the OIG by--(1) online submission accessible via the OIG webpage at https://oig.justice.gov/hotline/contact-grants.htm (select "Submit Report Online"); (2) mail directed to: U.S. Department of Justice, Office of the Inspector General, Investigations Division, ATTN: Grantee Reporting, 950 Pennsylvania Ave., NW, Washington, DC 20530; and/or (3) by facsimile directed to the DOJ OIG Investigations Division (Attn: Grantee Reporting) at (202) 616-9881 (fax).

Additional information is available from the DOJ OIG website at https://oig.justice.gov/hotline.

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SPECIAL CONDITIONS

27. Restrictions and certifications regarding non-disclosure agreements and related matters

No recipient or subrecipient ("subgrantee") under this award, or entity that receives a procurement contract or subcontract with any funds under this award, may require any employee or contractor to sign an internal confidentiality agreement or statement that prohibits or otherwise restricts, or purports to prohibit or restrict, the reporting (in accordance with law) of waste, fraud, or abuse to an investigative or law enforcement representative of a federal department or agency authorized to receive such information.

The foregoing is not intended, and shall not be understood by the agency making this award, to contravene requirements applicable to Standard Form 312 (which relates to classified information), Form 4414 (which relates to sensitive compartmented information), or any other form issued by a federal department or agency governing the nondisclosure of classified information.

1. In accepting this award, the recipient--

a. represents that it neither requires nor has required internal confidentiality agreements or statements from employees or contractors that currently prohibit or otherwise currently restrict (or purport to prohibit or restrict) employees or contractors from reporting waste, fraud, or abuse as described above; and

b. certifies that, if it learns or is notified that it is or has been requiring its employees or contractors to execute agreements or statements that prohibit or otherwise restrict (or purport to prohibit or restrict), reporting of waste, fraud, or abuse as described above, it will immediately stop any further obligations of award funds, will provide prompt written notification to the federal agency making this award, and will resume (or permit resumption of) such obligations only if expressly authorized to do so by that agency.

2. If the recipient does or is authorized under this award to make subawards ("subgrants"), procurement contracts, or both--

a. it represents that--

(1) it has determined that no other entity that the recipient's application proposes may or will receive award funds (whether through a subaward ("subgrant"), procurement contract, or subcontract under a procurement contract) either requires or has required internal confidentiality agreements or statements from employees or contractors that currently prohibit or otherwise currently restrict (or purport to prohibit or restrict) employees or contractors from reporting waste, fraud, or abuse as described above; and

(2) it has made appropriate inquiry, or otherwise has an adequate factual basis, to support this representation; and

b. it certifies that, if it learns or is notified that any subrecipient, contractor, or subcontractor entity that receives funds under this award is or has been requiring its employees or contractors to execute agreements or statements that prohibit or otherwise restrict (or purport to prohibit or restrict), reporting of waste, fraud, or abuse as described above, it will immediately stop any further obligations of award funds to or by that entity, will provide prompt written notification to the federal agency making this award, and will resume (or permit resumption of) such obligations only if expressly authorized to do so by that agency.

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SPECIAL CONDITIONS

28. Compliance with 41 U.S.C. 4712 (including prohibitions on reprisal; notice to employees)

The recipient (and any subrecipient at any tier) must comply with, and is subject to, all applicable provisions of 41 U.S.C. 4712, including all applicable provisions that prohibit, under specified circumstances, discrimination against an employee as reprisal for the employee's disclosure of information related to gross mismanagement of a federal grant, a gross waste of federal funds, an abuse of authority relating to a federal grant, a substantial and specific danger to public health or safety, or a violation of law, rule, or regulation related to a federal grant.

The recipient also must inform its employees, in writing (and in the predominant native language of the workforce), of employee rights and remedies under 41 U.S.C. 4712.

Should a question arise as to the applicability of the provisions of 41 U.S.C. 4712 to this award, the recipient is to contact the DOJ awarding agency (OJP or OVW, as appropriate) for guidance.

29. Encouragement of policies to ban text messaging while driving

Pursuant to Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving," 74 Fed. Reg. 51225 (October 1, 2009), DOJ encourages recipients and subrecipients ("subgrantees") to adopt and enforce policies banning employees from text messaging while driving any vehicle during the course of performing work funded by this award, and to establish workplace safety policies and conduct education, awareness, and other outreach to decrease crashes caused by distracted drivers.

30. Requirement to disclose whether recipient is designated "high risk" by a federal grant-making agency outside of DOJ

If the recipient is designated "high risk" by a federal grant-making agency outside of DOJ, currently or at any time during the course of the period of performance under this award, the recipient must disclose that fact and certain related information to OJP by email at OJP.ComplianceReporting@ojp.usdoj.gov. For purposes of this disclosure, high risk includes any status under which a federal awarding agency provides additional oversight due to the recipient's past performance, or other programmatic or financial concerns with the recipient. The recipient's disclosure must include the following: 1. The federal awarding agency that currently designates the recipient high risk, 2. The date the recipient was designated high risk, 3. The high-risk point of contact at that federal awarding agency (name, phone number, and email address), and 4. The reasons for the high-risk status, as set out by the federal awarding agency.

31. The recipient agrees to submit to BJA for review and approval any curricula, training materials, proposed publications, reports, or any other written materials that will be published, including web-based materials and web site content, through funds from this grant at least thirty (30) working days prior to the targeted dissemination date. Any written, visual, or audio publications, with the exception of press releases, whether published at the grantee's or government's expense, shall contain the following statements: "This project was supported by Grant No. 2020-MU-BX-0088 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice." The current edition of the DOJ Grants Financial Guide provides guidance on allowable printing and publication activities.

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SPECIAL CONDITIONS

32. The recipient agrees to comply with OJP grant monitoring guidelines, protocols, and procedures, and to cooperate with BJA and OCFO on all grant monitoring requests, including requests related to desk reviews, enhanced programmatic desk reviews, and/or site visits. The recipient agrees to provide to BJA and OCFO all documentation necessary to complete monitoring tasks, including documentation related to any subawards made under this award. Further, the recipient agrees to abide by reasonable deadlines set by BJA and OCFO for providing the requested documents. Failure to cooperate with BJA's/OCFO's grant monitoring activities may result in sanctions affecting the recipient's DOJ awards, including, but not limited to: withholdings and/or other restrictions on the recipient's access to grant funds; referral to the Office of the Inspector General for audit review; designation of the recipient as a DOJ High Risk grantee; or termination of an award(s).

33. Verification and updating of recipient contact information

    The recipient must verify its Point of Contact(POC), Financial Point of Contact (FPOC), and Authorized Representative contact information in GMS, including telephone number and e-mail address. If any information is incorrect or has changed, a Grant Adjustment Notice (GAN) must be submitted via the Grants Management System (GMS) to document changes.

34. The recipient agrees to cooperate with any assessments, national evaluation efforts, or information or data collection requests, including, but not limited to, the provision of any information required for the assessment or evaluation of any activities within this project.

35. Justification of consultant rate

    Approval of this award does not indicate approval of any consultant rate in excess of $650 per day. A detailed justification must be submitted to and approved by the OJP program office prior to obligation or expenditure of such funds.

36. Recipient understands and agrees that it must submit quarterly Federal Financial Reports (SF-425) and semi-annual performance reports through GMS (https://grants.ojp.usdoj.gov), and that it must submit quarterly performance metrics reports through BJA's Performance Measurement Tool (PMT) website (https://bjapmt.ojp.gov/). For more detailed information on reporting and other requirements, refer to BJA's website. Failure to submit required reports by established deadlines may result in the freezing of grant funds and High Risk designation.

37. The grantee agrees to comply with the applicable requirements of 28 C.F.R. Part 38, the Department of Justice regulation governing "Equal Treatment for Faith Based Organizations" (the "Equal Treatment Regulation"). The Equal Treatment Regulation provides in part that Department of Justice grant awards of direct funding may not be used to fund any inherently religious activities, such as worship, religious instruction, or proselytization. Recipients of direct grants may still engage in inherently religious activities, but such activities must be separate in time or place from the Department of Justice funded program, and participation in such activities by individuals receiving services from the grantee or a sub-grantee must be voluntary. The Equal Treatment Regulation also makes clear that organizations participating in programs directly funded by the Department of Justice are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. Notwithstanding any other special condition of this award, faith-based organizations may, in some circumstances, consider religion as a basis for employment. See http://www.ojp.gov/about/ocr/equal_fbo.htm.

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SPECIAL CONDITIONS

38. With respect to this award, federal funds may not be used to pay cash compensation (salary plus bonuses) to any employee of the award recipient at a rate that exceeds 110% of the maximum annual salary payable to a member of the federal government's Senior Executive Service (SES) at an agency with a Certified SES Performance Appraisal System for that year. (An award recipient may compensate an employee at a higher rate, provided the amount in excess of this compensation limitation is paid with non-federal funds.)

    This limitation on compensation rates allowable under this award may be waived on an individual basis at the discretion of the OJP official indicated in the program announcement under which this award is made.

39. FFATA reporting: Subawards and executive compensation

    The recipient must comply with applicable requirements to report first-tier subawards ("subgrants") of $25,000 or more and, in certain circumstances, to report the names and total compensation of the five most highly compensated executives of the recipient and first-tier subrecipients (first-tier "subgrantees") of award funds. The details of recipient obligations, which derive from the Federal Funding Accountability and Transparency Act of 2006 (FFATA), are posted on the OJP web site at https://ojp.gov/funding/Explore/FFATA.htm (Award condition: Reporting Subawards and Executive Compensation), and are incorporated by reference here.

    This condition, including its reporting requirement, does not apply to-- (1) an award of less than $25,000, or (2) an award made to an individual who received the award as a natural person (i.e., unrelated to any business or non-profit organization that he or she may own or operate in his or her name).

40. Regarding medication-assisted treatment (MAT), the award recipient understands and agrees to the following: 1) all clients in a BJA-funded drug court have a right to access MAT under the care and prescription of a physician to the extent MAT is clinically indicated; 2) BJA-funded drug courts must not deny any eligible client enrollment to the drug court program because of their use of FDA-approved medications for the treatment of substance abuse; 3) MAT must be permitted to be continued for as long as the prescriber determines that the FDA-approved medication is clinically beneficial; 4) while under no circumstances can a BJA-funded drug court program deny access to MAT under the care and prescription of a physician when it is clinically indicated, a judge retains judicial discretion to mitigate/reduce the risk of abuse, misuse, or diversion of these medications; and 5) federal funds shall not be used to support activities that violate the Controlled Substances Act, 21 U.S.C. §§ 801-904.

41. All BJA-funded adult drug courts must be operated based on the 10 key components for drug courts, which are found in BJA's and National Association of Drug Court Professional's (NADCP) publication: Defining Drug Courts: The Key Components at https://www.ncjrs.gov/pdffiles1/bja/205621.pdf. During the grant period of performance, if BJA concludes that a funded drug court is not conforming to the 10 key components, it retains the right to place the award recipient on a corrective action plan to bring the drug court into conformance. Continued failure to maintain conformance to the key components may result in a hold placed on award funds or suspension/termination of the grant award agreement.

42. The recipient agrees to submit to BJA, by the termination of the award period, an electronic copy of the final evaluation report. The final evaluation report must be submitted to BJA as a "Special Report," via the OJP Grants Management System Progress Reports Module.

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SPECIAL CONDITIONS

43. The recipient understands and agrees that no award or matching funds may be used to provide services for violent offenders as defined in 42 U.S.C. 3797u-2, a "violent offender" means a person who—(1) is charged with or convicted of an offense that is punishable by a term of imprisonment exceeding one year, during the course of which offense or conduct— (A) the person carried, possessed, or used a firearm or dangerous weapon; (B) there occurred the death of or serious bodily injury to any person; or (C) there occurred the use of force against the person of another, without regard to whether any of the circumstances described in subparagraph (A) or (B) is an element of the offense or conduct of which or for which the person is charged or convicted; or (2) has 1 or more prior convictions for a felony crime of violence involving the use or attempted use of force against a person with the intent to cause death or serious bodily harm.

44. Recipient integrity and performance matters: Requirement to report information on certain civil, criminal, and administrative proceedings to SAM and FAPIIS

    The recipient must comply with any and all applicable requirements regarding reporting of information on civil, criminal, and administrative proceedings connected with (or connected to the performance of) either this OJP award or any other grant, cooperative agreement, or procurement contract from the federal government. Under certain circumstances, recipients of OJP awards are required to report information about such proceedings, through the federal System for Award Management (known as "SAM"), to the designated federal integrity and performance system (currently, "FAPIIS").

    The details of recipient obligations regarding the required reporting (and updating) of information on certain civil, criminal, and administrative proceedings to the federal designated integrity and performance system (currently, "FAPIIS") within SAM are posted on the OJP web site at https://ojp.gov/funding/FAPIIS.htm (Award condition: Recipient Integrity and Performance Matters, including Recipient Reporting to FAPIIS), and are incorporated by reference here.

45. The recipient may not obligate, expend or draw down funds until the Office of the Chief Financial Officer (OCFO) has approved the budget and budget narrative and a Grant Adjustment Notice (GAN) has been issued to remove this special condition.

46. Withholding of funds: Disclosure of pending applications

    The recipient may not obligate, expend, or draw down any award funds until: (1) it has provided to the grant manager for this OJP award either an "applicant disclosure of pending applications" for federal funding or a specific affirmative statement that no such pending applications (whether direct or indirect) exist, in accordance with the detailed instructions in the program solicitation, (2) OJP has completed its review of the information provided and of any supplemental information it may request, (3) the recipient has made any adjustments to the award that OJP may require to prevent or eliminate any inappropriate duplication of funding (e.g., budget modification, project scope adjustment), (4) if appropriate adjustments to a discretionary award cannot be made, the recipient has agreed in writing to any necessary reduction of the award amount in any amount sufficient to prevent duplication (as determined by OJP), and (5) a Grant Adjustment Notice has been issued to remove this condition.

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STATE COURT ADMINISTRATIVE OFFICE
BUREAU OF JUSTICE ASSISTANCE GRANT

Subcontract Agreement
Between

SCAO

Federal I.D. Number: 38-6000134

and

GRANTEE: 56B District Court – DWI Sobriety Court

Federal I.D. Number: 38-6004836

Contract Number: 26153
Grant Amount: $32,803
SCAO Unique Identifier: U10085
Project Title: Bureau of Justice Assistance Grant Program
CFDA Title: Adult Drug Court and Veterans Treatment Court Discretionary Grant Program
CFDA Number: 16.585
Data Universal Numbering System (DUNS): 85898955
Federal Agency Name: U.S. Department of Justice
Federal Grant Administered by: Bureau of Justice
Federal Grant Award Number: 2020 MU-BX-0088

1. DEFINITIONS GOVERNING AGREEMENT

The definitions below govern the terms used in this Agreement.

1.01 The term "Agreement" as used in this document means the Agreement between the State Court Administrative Office (the "SCAO") and Grantee, and includes any subsequent amendments thereto.

1.02 The term "Authorizing Official" means the individual, named by the applicant organization, who is authorized to act for the Grantee and to assume the Grantee's obligations imposed by the laws, regulations, requirements, and conditions that apply to grant awards.

1.03 The term "Confidential Information" means confidential and/or Proprietary Information belonging to the SCAO which is disclosed to the Grantee or which the Grantee otherwise learns of during the course of or as the direct or indirect result of rendering its Services for the SCAO. Confidential or Proprietary Information is information not generally known to third parties or to others who could obtain economic value from their disclosure or use of the information. This includes all proprietary technical, financial, or other information owned by SCAO or any of its vendors, including by way of illustration, but not limitation, computerized

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data, codes, programs and software, written material, inventions, whether or not patented or patentable, designs, works of authorship, works subject to or under copyright protection, trade secrets or trademark –protected material, performance standards concepts, formulae, charts, statistics, financial records and reports of the SCAO or any entity otherwise affiliated with the SCAO. Confidential or Proprietary Information also includes all confidential and proprietary material that the Grantee may design, author, create, distribute or produce during the term of this Agreement when rendering Services thereunder. All information gained during the course of Grantee's retention should be presumed confidential unless the information is clearly identified otherwise or the circumstances of disclosure demonstrate it not to be confidential.

1.04 The term "Effective Date" means the date upon which this Agreement becomes effective, which is the date the Agreement is signed by both Parties. If the Parties do not sign the Agreement on the same date, the latest specified date will become the Agreement's effective date.

1.05 The term "Employee Benefits" means any and all employee benefits the SCAO provides to its employees, including, but not limited to, workers' compensation, retirement, pension, insurance, fringe, educational training, holiday/sick/vacation pay benefits, or any other similar benefits.

1.06 The term "Grant Amount" is the amount specified as "Grant Amount" on the first page of this Agreement.

1.07 The term "Grantee" as used in this Agreement includes the Grantee(s)/Party(ies) with which the SCAO is contracting and also includes the Grantee's employees, agents and subrecipients providing Services and/or receiving funds under the Agreement and the Grantee's Authorizing Official. Further, the "Grantee" includes subrecipients referred to in the Audit section of this Agreement.

1.08 The term "Inventions, Patented and/or Copyrighted Materials" means such writings, inventions, improvements, or discoveries whether or not under an existing copyright, patent or copyright/patent application or any other third party intellectual property right that were written, invented, made, or discovered by the Grantee, including its employees, agents and/or subrecipients jointly with the SCAO while engaged in Services under this Agreement.

1.09 The term "Liabilities" means any and all liabilities, obligations, damages, penalties, claims, costs, fees, charges, and expenses, including, but not limited to, fees and expenses of attorneys and litigation related to the Services provided.

1.10 The term "Parties" includes the SCAO, Grantee, and all of their employees, agents and subrecipients, including as defined in the term "Grantee".

1.11 The term "Program Expenses" means all expenses including, but not limited to, license fees and all other types of fees, memberships and dues, automobile and fuel expenses, insurance premiums, copying costs, telephone costs and all other types of costs, and all salary and expenses incurred by the Grantee, and all other compensation paid to the Grantee's employees or subcontractors that the Grantee hires, retains or utilizes for the Grantee's

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performance under this Agreement. This term includes allowable program costs as articulated in WebGrants. This term also includes Travel Expenses as defined below.

1.12 The term "Services" refers to the goods, services, activities, projects and initiatives that the Grantee agrees to provide to the SCAO under this Agreement, as described in the Scope of Services, Scope of Work, and all descriptions of services in any attachments and amendments to the Agreement.

1.13 The term "Taxes" refers to any and all federal, state, and local taxes, including, but not limited to, income taxes, social security taxes, unemployment insurance taxes, and any other taxes or fees for which Provider is responsible.

1.14 The term "Travel Expenses" means expenses Grantee incurs for travel located outside the Lansing, Michigan area, including lodging, mileage and meals that the Grantee incurs in the reasonable fulfillment of the terms of this Agreement. Reimbursable Travel Expenses must be approved by SCAO before they are incurred.

1.15 The term "WebGrants" refers to the web-based grant management system used by the SCAO.

2. PERIOD OF AGREEMENT

2.01 This Agreement shall commence on October 1, 2021, and terminate on September 30, 2022, unless an exception is explicitly granted by the SCAO.

3. AGREEMENT AMOUNT AND BUDGET

3.01 This Agreement incorporates the Grantee's approved grant application request and most recently approved budget. Budget deviations that exceed the Grant Amount are not permitted. The SCAO agrees to provide funding in an amount not to exceed the Grant Amount, conditioned entirely upon the SCAO's actual receipt of the award. To the extent that Grant Amount is reduced or eliminated, the SCAO has no obligation to the Grantee to fulfill the terms of this Agreement, and the Grantee has no recourse therefrom. In no event does this Agreement create for the Grantee's benefit a lien against or entitlement to any other funds of the SCAO or the Michigan Supreme Court.

4. RISK EVALUATION REQUIREMENT

4.01 The SCAO is responsible to evaluate risk of Grantee's noncompliance with federal statutes, regulations, and terms, 2 CFR 200.332. Additional reporting requirements to mitigate noncompliance may be required based on the court's risk level. If applicable, the additional reporting requirements will be listed on the award letter.

5. RELATIONSHIP

5.01 No employer/employee relationship exists between the Parties. Further, no employee or subrecipient of the Grantee is an employee of the SCAO. The Grantee is an independent contractor, not an employee of the SCAO.

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5.02 The SCAO is not obligated either under this Agreement or by implication to provide and is not liable to the Grantee for failure to provide the Grantee with Employee Benefits. The Grantee is not eligible for and will not receive any Employee Benefits from the SCAO.

5.03 The Grantee is responsible for payment of all Taxes arising out of the Grantee's Services in accordance with this Agreement.

5.04 The Grantee does not, and shall not, have the authority to enter into contracts on the SCAO's behalf.

6. CHANGE IN GRANTEE CONTACT

6.01 The Grantee must submit a contract amendment through WebGrants notifying the SCAO of any changes in project directors, program judges, agency contacts, financial officers, or authorizing officials, including changes in names, mailing addresses, e-mail addresses, and telephone numbers.

7. SCOPE OF SERVICES

7.01 The Grantee shall use its best efforts and devote such time, attention, skill, knowledge, and professional ability as necessary to most effectively and efficiently carry out and perform the Services. Commitment of the state resources for the acquisition of goods and services, and execution of purchase orders, contracts, and similar agreements shall remain the sole responsibility of the SCAO.

8. STATEMENT OF WORK

8.01 The Grantee agrees to undertake, perform, and complete the Services described in their approved grant application. The Grantee may not assign the performance of Services under this Agreement to any other entity or person who is not an employee of the Grantee except with prior written approval of the SCAO. If performance is so assigned, all requirements in this Agreement shall apply to such performance and the Grantee shall be responsible for the performance of such Services.

9. WRITTEN DISCLOSURE

9.01 The Grantee shall promptly disclose in writing to the SCAO all Inventions, Patented and/or Copyrighted Materials jointly with the SCAO or singly by the Grantee or the Grantee's employees or subrecipients while engaged in Services under this Agreement. As to each such disclosure, the Grantee shall specifically point out the features or concepts that are new, unique, or different such that they may qualify for copyright, patent, or other intellectual property protection. Further, upon the SCAO's request, the Grantee shall assist the SCAO in determining and acquiring copyrights, patents, or other such intellectual property protection for any Inventions, Patented and/or Copyrighted Materials for which the SCAO desires to obtain such protection.

9.02 The Grantee warrants that there are at present no such Inventions, Patented and/or Copyrighted Materials for which the Grantee seeks protection or which the Grantee desires to

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remove from this Agreement. Further, the Grantee warrants that its performance under this Agreement will not infringe upon or misappropriate any third party's Inventions, Patented and/or Copyrighted Materials.

10. INSURANCE

10.01 The Grantee shall carry insurance coverage or self-insurance in such amounts necessary to cover all claims related to the Grantee's Services and as required by law.

11. PERFORMANCE MEASUREMENT DATA AND REPORTING REQUIREMENTS

11.01 The Grantee agrees to timely provide all applicable performance measurement data, including complete and accurate reports as identified in Attachment 1 related to this Agreement so that the SCAO can meet its reporting requirements with the Bureau of Justice Assistance (BJA).

11.02 Further, for each participant who is screened or accepted into the BJA grant program, the Grantee must timely enter data in compliance with the minimum standards established by the SCAO into the Drug Court Case Management Information System (DCCMIS).

11.03 When any required report is 30 calendar days past due, a delinquency notice will be sent notifying the Grantee that it has 15 calendar days to comply with the reporting requirement. When any required report is 45 calendar days past due, the Grantee's funding award will be rescinded and the SCAO will send a forfeiture notice to the Grantee. Notices will be sent as provided in Section 34 of this Agreement.

12. PAYMENT PROCESSING

12.01 The Grantee must submit all payment requests along with all required reports, records, and source documentation. Payment requests must be timely submitted to ensure that the SCAO can request reimbursement from BJA within the required reimbursement period. If required support for payment is provided, the Grantee will be paid within 30 calendar days after submission. The Grantee must sign up through the online vendor system to receive reimbursement payments via electronic funds transfers or direct deposit. To register, go to the Department of Technology, Management, and Budget's website.

12.02 The Grantee shall make reasonable efforts to bill and collect first and third party fees, where applicable, and report them as outlined above. The Grantee will not be reimbursed for any items for which Grantee fails to bill and/or fails to attempt to collect.

12.03 The Grantee agrees to lawfully use the grant funds for the purposes and under the conditions specified in this Agreement.

12.04 Only program Services and Program Expenses detailed in the approved budget incurred during the grant period are eligible for reimbursement. Program Expenses incurred that are not detailed in the approved budget or incurred outside the grant period will not be reimbursed. Costs cannot exceed the approved grant award.

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12.05 The DOJ regulations allow the Grantee to keep funds (program income) derived from grant Services, as long as these funds are used for the same purposes as the grant project. In the absence of such regulations, these funds would be required to be returned to the DOJ. Program income is the gross income earned by the Grantee during the Agreement period as a direct result of the grant project's Services. All income generated as a direct result of an SCAO-funded project shall be deemed program income. Program income may be used to further program objectives under this Agreement or may be refunded to the SCAO. Program income may only be used for allowable program costs as articulated in WebGrants. The DOJ regulations require that program income be held in the custody of a governmental entity, with reporting on those funds to the state administrative agency (here, the SCAO). The Grantee must report any and all generated program income to the SCAO on a quarterly basis in order for the SCAO to comply with the BJA reporting and tracking requirements. For any program not earning program income, the Grantee must fill out and submit through WebGrants a Program Income Waiver/Verification by January 10th of the current fiscal year.

12.06 Reimbursement for Travel Expenses cannot exceed the lesser of the Grantee's published travel rates or allowable State of Michigan travel rates and must be approved by the SCAO prior to incurring the expense.

12.07 Failure to submit cost statements with adequate supporting documentation prior to the fiscal year close out deadline will also result in nonreimbursement of those costs. Costs from one fiscal year cannot be paid in a subsequent fiscal year.

12.08 Any unobligated balance of funds held by the Grantee at the end of the Agreement period will be returned to the SCAO or treated in accordance with instructions provided by the DOJ.

12.09 To assure that expenditures are proper and in accordance with the terms and conditions of the federal award and approved project budgets, the Grantee's annual and final fiscal reports or vouchers requesting payment under this Agreement must include a certification, signed by an official who is authorized to legally bind the Grantee. The Grantee must certify that to the best of its knowledge reports are true, complete, and accurate, and the expenditures, disbursements, and cash receipts are for the purposes set forth in the federal award's terms and conditions, and have been incurred by the Grantee's program or court. The Grantee is aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject the Grantee to criminal, civil, or administrative penalties for fraud, false statements, false claims, or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Section 3729-3730 and 3801-3812). Additionally, the Grantee is aware that this is a reimbursement-based grant.

13. EMPLOYEE TIME CERTIFICATION

13.01 All Agreement-funded employees will timely complete and submit to the SCAO an executed Employee Time Certification form supplied in WebGrants.

13.02 The Grantee shall notify the SCAO immediately as set forth in Section 6 of this Agreement when a grant-funded employee (including employees of subrecipients):

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- becomes disabled or deceased while assigned to a grant-funded position
- is removed or reassigned from a grant-funded position; and/or
- is unable to report to work due to injury or illness not related to job performance (and is not replaced within 30 calendar days by another employee)

14. AUTHORIZED ACCESS

14.01 The Grantee must permit, upon reasonable notification and at reasonable times, access by authorized representatives of the SCAO, Federal Grantor Agency, Comptroller General of the United States and State Auditor General, or any of their duly authorized representatives, to records and documentation related to this Agreement, as authorized bylaw. The SCAO and/or the BJA and/or an outside team hired by either, may conduct on-site monitoring visit(s), evaluations and/or grant audit(s) any time during the grant period. All grant records and personnel must be made available during any visit, (including subrecipients), if requested. The Grantee shall work cooperatively with the monitoring, audit and/or evaluation team to permit full review of the program. 2 CFR 200.332(5) requires that the subrecipient permit the pass-through entity and auditors to have access to the subrecipient's records and financial statements as necessary for the pass-through entity to meet the requirements of 2 CFR 200.332, and the Grantee agrees to require its subrecipients to abide by these regulations.

15. CONFIDENTIAL INFORMATION

15.01 To ensure the Grantee effectively performs the Services, the SCAO may disclose Confidential Information to the Grantee. The Grantee shall not disclose Confidential Information to any third party without prior approval from the SCAO. If disclosure of Confidential Information is required by law or court order, the Grantee must notify the SCAO within five business days as provided in Section 34 of this Agreement before disclosure and shall reasonably cooperate with the SCAO to narrowly tailor disclosure and obtain protective orders or other relief as appropriate.

15.02 The Grantee agrees to return all Confidential Information to the SCAO immediately upon the termination of this Agreement and permanently delete any electronic copies of the data stored by the Grantee within 30 calendar days after the conclusion of this Agreement. If requested by SCAO, the Grantee will provide written confirmation that deletion has been completed.

16. MEDICAL INFORMATION

16.01 Both the SCAO and the Grantee shall assure that medical services to, and information contained in the medical records of, persons served under this Agreement or other such recorded information required to be kept confidential by law, in connection with the Services provided under this Agreement, shall be held confidential, and shall not be divulged without the written consent of either the patient or a person responsible for the patient, except as may otherwise be required by law. Such information may be disclosed in summary, statistical,

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or other form if the disclosure does not directly or indirectly identify particular individuals. This section survives termination or expiration of this Agreement.

17. HUMAN SUBJECTS

17.01 The Grantee agrees that prior to the initiation of research, the Grantee will submit to the SCAO's Institutional Review Board (IRB) application material for all research involving human subjects conducted in programs sponsored by the SCAO or in programs which receive funding from or through the State of Michigan, to a federally assured IRB, as well as to the SCAO, for review and approval.

18. AUDITS

18.01 The Grantee must comply with the following requirements:

A. Single Audit

The Grantee that expends $750,000 or more in federal awards during their fiscal year must submit a Single Audit prepared in accordance with the Single Audit Act as amended, 31 USC Section 7501 *et seq*., the audit requirements found in 2 CFR 200.501 and the Uniform Administrative Requirements in 2 CFR Part 200. Grantee must also timely submit a Corrective Action Plan for any audit findings that impact SCAO-funded programs and a management letter with a response if applicable.

B. Audited Financial Statements

Grantees that expend less than $750,000 in federal awards during their fiscal year must submit audited financial statements to the SCAO within nine months after the end of the Grantee's fiscal year

C. Due Date and Submission Information

The required audit and any other required submissions must be timely submitted to the required federal and state agencies. The submissions must also be submitted to the SCAO within nine months after the end of the Grantee's fiscal year to:

Michigan Supreme Court Finance Department
925 W. Ottawa Street.
Lansing, Michigan 48909-0634

D. Penalty

i. Delinquent Single Audit or Financial Statement Audit

If the Grantee does not submit the required Single Audit reporting package, management letter (if issued) with a response, and Corrective Action Plan; or the audited financial statement and management letter (if issued) with a response within nine months after the end of the Grantee's fiscal year and an extension has not been approved by the cognizant or oversight agency for audit, the SCAO may withhold from the current funding an amount equal to

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five percent of the audit year's grant funding (not to exceed $200,000) until the required filing is received by the SCAO. The SCAO may retain the amount withheld if the Grantee is more than 120 calendar days delinquent in meeting the filing requirements, and may terminate this Agreement if the Grantee is more than 20 calendar days delinquent, if an extension has not been approved by the cognizant or oversight agency for audit.

ii. Delinquent Audit Status Notification Letter
Failure to submit the Audit Status Notification Letter when required may result in withholding from the current funding an amount equal to one percent of the audit year's grant funding until the Audit Status Notification Letter is received.

E. Other Audits
The SCAO or federal agencies may also conduct or arrange for "agreed upon procedures" or additional audits to meet their needs.

F. Other Requirements
To the extent that additional requirements are adopted by law during the terms of this Agreement that impact the Agreement's terms, the Grantee agrees to abide by them.

19. SUBRECIPIENT MONITORING

19.01 The Grantee is solely responsible for monitoring its subrecipients and will submit copies of all executed subcontracts from subrecipients through WebGrants within 60 calendar days of the execution of this Agreement. Subcontracts should cover all personnel contained in the "contractual" line item within the grant budget. Each listed agency shall have its own subcontract signed by the Grantee and an employee of the subrecipient agency that is authorized to enter into legally binding contracts for the entity receiving funds. Failure to submit these documents to the SCAO within 60 calendar days may result in withholding future payment or other penalties, as determined by the SCAO.

19.02 Before any Services are rendered by subrecipients, the Grantee must obtain a written subcontract executed by all affected Parties.

19.03 The Grantee's subcontracts with subrecipients shall require the subrecipients to comply with all applicable terms of this Agreement, including all BJA Special Conditions (Attachment 2) incorporated into this Agreement. The Grantee shall provide all subcontractors with a copy of this Agreement.

19.04 In the event of a conflict between provisions in this Agreement and subcontract provisions, this Agreement shall prevail, and this term shall be included by the Grantee in all subrecipient subcontracts. A conflict between this Agreement and the subrecipient, however, shall not be deemed to exist where the subcontract requires the subrecipient to perform Services in less time than this Agreement affords the Grantee. The Grantee is solely responsible to the SCAO for any and all subcontracted Services and for any breaches caused by subrecipients.

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19.05 Expenses must be reasonable and necessary. If detailed information is not included as part of the application process, the Grantee must submit a request seeking approval once the subrecipients are identified.

20. SOFTWARE COMPLIANCE

20.01 The Grantee must ensure software compliance and compatibility with the SCAO's data system for Services provided including, but not limited to: stored data, databases and interfaces for the production of work products and reports. All required data under this Agreement shall be provided in an accurate and timely manner without interruption, failure or errors due to the inaccuracy of the Grantee's business operations for processing date/time data.

21. NOTIFICATIN OF CRIMINAL OR ADMINISTRATIVE INVESTIGATIONS

21.01 If the Grantee becomes aware of a criminal or administrative investigation or charge that directly or indirectly involves grant funds referenced in this Agreement, the Grantee shall immediately notify the SCAO that of the investigation or charge as provided in Section 34 of this Agreement.

22. AGREEEMENT REDUCTION/SUSPENSION/TERMINATION

22.01 The SCAO and/or the Grantee may reduce the project budget, or suspend or terminate this Agreement without further liability or penalty to the SCAO under any of the following circumstances:

A. If any of the terms of this Agreement are not adhered to by the Grantee/subrecipients.

B. If the Grantee fails to make progress satisfactory to SCAO toward the project goals, objectives, or strategies set forth in this Agreement, including but not limited to a determination by the SCAO after second quarter claims are submitted, in its sole discretion, that project funds are not reasonably likely to be fully expended by the end of the fiscal year.

C. If the Grantee proposes or implements substantial changes to the Scope of Services/Work such that, if originally submitted, the application would not have been selected for funding.

D. If the Grantee submits false certification or falsifies any other report or document required hereunder.

E. If the Grantee is convicted of any activity referenced in Section 21 of this Agreement during the term of this Agreement or any extension thereof.

F. If the SCAO terminates this Agreement under Section 22, the Grantee is not eligible for SCAO grant funding for two years. After the two-year period, the Grantee must verify in writing with SCAO that the Grantee has have corrected the issues.

G. If funding for this Agreement becomes unavailable to the SCAO due to appropriation or budget shortfalls.

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22.02 Each Party has the right to terminate this Agreement without cause. However, the terminating party must provide written notice to the other party of such termination at least 15 calendar days before the termination will be effective as provided in Section 34 of this Agreement.

23. FINAL REPORTING UPON TERMINATION

23.01 Should this Agreement be terminated by either party, within 30 calendar days after the termination, the Grantee shall provide the SCAO with all financial, performance, and other reports required as a condition of this Agreement. The SCAO will make payments to the Grantee for allowable reimbursable expenses not covered by previous payments or other state or federal programs if the costs are adequately documented and appropriately authorized. The Grantee shall immediately refund to the SCAO any funds not authorized for use and any payments or funds advanced to the Grantee in excess of allowable reimbursable expenditures.

23.02 If this Agreement is terminated by the SCAO for the Grantee's failure to meet the grant management requirements, the Grantee shall not be eligible to seek future grant funding from the SCAO BJA grant program.

24. SEVERABILITY

24.01 If any provision of this Agreement or of any document attached to or incorporated by reference is waived or held to be invalid, such waiver or invalidity shall not affect other provisions of this Agreement.

25. LIABILITIES

25.01 The Grantee agrees to indemnify, defend and hold harmless the SCAO, the Michigan Supreme Court, and their respective agents, officers, and employees (the "SCAO, MSC and related entities") from any Liabilities that may be imposed upon, incurred by, or asserted against the SCAO, MSC and related entities by reason of the Grantee's Services provided and/or the Grantee's failure to provide such Services as specified in this provided that nothing herein shall be construed as a waiver of any governmental immunity as provided by law.

26. MICHIGAN LAW

26.01 This Agreement shall be subject to, and shall be enforced and construed under, the laws of Michigan.

27. DEBT TO STATE OF MICHIGAN

27.01 The Grantee covenants that it is not, and will not become, in arrears to the State of Michigan or any of its subdivisions upon contract, debt, or any other obligation to the State of Michigan or its subdivisions, including real property, personal property, and income taxes.

28. DISPUTES

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28.01 The Grantee shall notify the SCAO in writing of the Grantee's intent to pursue a claim against the SCAO for breach of any term of this Agreement within 10 business days of discovery of the alleged breach as provided in Section 34 of this Agreement.

29. CONFLICT OF INTEREST

29.01 Because this Agreement involves federal grant funds and contracts with governmental entities, the SCAO and the Grantee are subject to the provisions of the federal Freedom of Information Act, found in 5 U.S.C. 552 *et seq.*, the Contracts of Public Servants with Public Entities Act, found in MCL 15.321 *et seq*., and the Standards of Conduct for Public Officers and Employees Act, found in MCL 15.341 *et seq.* Further, the Grantee certifies that the Grantee presently has no personal or financial interest, and shall not acquire any such interest, direct or indirect, that would conflict in any manner or degree with the performance of this Agreement.

30. COMPLIANCE WITH APPLICABLE LAWS AND AGREEMENTS

30.01 The Grantee will comply with applicable federal and state laws, guidelines, rules, and regulations in carrying out the terms of this Agreement. The Grantee will also comply with all applicable general administrative requirements such as Uniform Administrative Requirements, Cost Principles, and Audit Requirements in 2 CFR Part 200 covering cost principles, grant/agreement principles, and audits in carrying out the terms of this Agreement, as well as the terms of the Agreement between the BJA and the SCAO. The SCAO shall supply the Grantee with a copy of said Agreement.

31. AMENDMENT TO AGREEMENT

31.01 This Agreement, including but not limited to the scope of work and project budget changes, may be amended only by the Grantee's submission of a Contract Amendment form through WebGrants.

32. ENTIRE AGREEMENT

32.01 Except for the Grantee's approved grant application, application assurances, the most recently approved budget and all attachments to this Agreement, this Agreement contains the entire Agreement between the Parties and supersedes any prior written or oral promises and representations. No other understanding, oral or otherwise, regarding the subject matter of this Agreement exists to bind either of the Parties.

33. PROGRAM CERTIFICATION

33.01 Under Michigan law, approval and certification by the SCAO is required to begin or to continue the operation of an adult drug, DWI sobriety, hybrid drug/DWI, veterans, or family treatment court. Any of these programs that are not certified shall not perform any of the functions of that program type, including, but not limited to, receiving grant funding under the law and shall not be covered by this Agreement.

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34. PROGRAM REVIEW OR CERTIFICATION SITE VISIT

34.01 The SCAO may review the Grantee onsite. As part of the review, the SCAO may interview the program's team members, observe staff meetings and status review hearings, review case files, review data, and review financial records.

35. DELIVERY OF NOTICE

35.01 Written notices and communications required under this Agreement shall be delivered in one of two forms: 1) by electronic mail or 2) by overnight delivery sent by a nationally recognized overnight delivery service to the following:

35.02 The Grantee's contact person is

Tammi Price
5th Circuit Court
Courthouse
220 W. State Street
Hastings, MI 49058

35.03 The SCAO's contact person is:

Andrew Smith
State Court Administrative Office
Michigan Hall of Justice
P.O. Box 30048
Lansing, MI 48909
SmithA@courts.mi.gov

and

Ryan Gamby
State Court Administrative Office
Michigan Hall of Justice
P.O. Box 30048
Lansing, MI 48909
Gambyr@courts.mi.gov

36. GRANTEE'S AUTHORIZING OFFICIAL

36.01 The Grantee's "Authorizing Official" is the individual who signs this Contract. The Authorizing Official must be a person who is authorized to enter into a binding contract for the Grantee. The Authorizing Official may not be a judge or other state employee. The Authorizing Official might be from the Executive or Legislative Branch of the Grantee — for example, the Authorizing Official might be the County Administrator, Chair of the Board of Commissioners, Court Administrator, City Manager, Legal Counsel, Finance Director, or Mayor.

36.02 Only one person may sign this Contract as the Grantee's Authorizing Official. The Grantee might have more than one individual who is authorized to enter into binding contracts for

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the Grantee that is receiving funds, or the Grantee's local rules might provide that multiple people must sign contracts. In either case, the Authorizing Official's signature on this Contract represents the mutual agreement and acceptance of this Contract by all persons who are authorized to enter into binding contracts for the Grantee.

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SIGNATURES OF PARTIES
CONTRACT NUMBER: 26153

37. SIGNATURE OF PARTIES

37.01 This Agreement is not effective unless signed by both Parties.

37.02 The signatures on this Agreement are electronic through the DocuSign system.

37.03 The DocuSign system requires an agent of the Grantee to send this Agreement to the Grantee's Authorizing Official for the Authorizing Official's review and signature. Selecting the dropdown below confirms that the Agreement can be sent to the Grantee's Authorizing Official for signature.

37.04 The DocuSign system requires an SCAO staff member to send this Agreement to an agent of the SCAO for review and signature.

56B District Court **DWI Sobriety Court**	**State Court Administrative Office**
_____ Authorizing Official's Signature	_____ Authorizing Official's Signature
_____ Authorizing Official's Name	_____ Authorizing Official's Name
_____ Authorizing Official's Title	_____ Authorizing Official's Title
_____ Date Signed by Authorizing Official	_____ Date Signed by Authorizing Official

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Attachment 1

BUREAU OF JUSICE ASSISTANCE (BJA) GRANT
FY 2022 REPORTING REQUIREMENTS
October 1, 2021 through September 30, 2022

PROGRAM REPORT DUE DATES	
January 10, 2022	Courts will be reporting on progress made during **October 1, 2021 through December 31, 2021**.
April 10, 2022	Courts will be reporting on progress made during **January 1, 2022 through March 31, 2022**.
July 10, 2022	Courts will be reporting on progress made during **April 1, 2022 through June 30, 2022**.
October 10, 2022	Courts will be reporting on progress made during **July 1, 2022 through September 30, 2022**.

PROGRAM INCOME REPORT DUE DATES	
January 10, 2022	Courts will be reporting on income collected **October 1, 2021 through December 31, 2021**
April 10, 2022	Courts will be reporting on income collected **January 1, 2022 through March 31, 2022**.
July 10, 2022	Courts will be reporting on income collected **April 1, 2022 through June 30, 2022**.
October 10, 2022	Courts will be reporting on income collected **July 1, 2022 through September 30, 2022**.

FINANCIAL CLAIM REPORTS DUE DATES	
January 10, 2022	Courts will be reporting on expenditures from **October 1, 2021 through December 31, 2021**.
April 10, 2022	Courts will be reporting on expenditures from **January 1, 2022 through March 31, 2022**.
July 10, 2022	Courts will be reporting on expenditures from **April 1, 2022 through June 30, 2022**.
October 10, 2022*	Courts will be reporting on expenditures from **July 1, 2022 through September 30, 2022**.

PROGRAM INCOME VERIFICATION DUE DATE	
January 10, 2022	Courts will be verifying whether program income is collected.

EMPLOYEE TIME CERTIFICATION DUE DATES	
April 10, 2022	Courts will be reporting on employee time paid by the grant during the time period of **October 1, 2021 through March 31, 2022**.
October 10, 2022	Courts will be reporting on employee time paid by the grant during the time period of **July 1, 2022 through September 30, 2022**.

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OFFICE OF CIVIL RIGHTS CERTIFICATION DUE DATE	
October 10, 2021	Courts will be reporting that personnel and all subrecipients completed the Office of Civil Rights training.

EQUAL EMPLOYMENT OPPORTUNITY PLAN (EEOP) CERTIFICATION DUE DATE	
October 10, 2021	Courts will report on their EEOP plan and/or submit their certification pursuant to 28 CFR 42.301 *et seq.*

PERFORMANCE MEASUREMENT PLATFORM DUE DATES	
January 10, 2022	Courts will be reporting on progress made during **October 1, 2021 through December 31, 2021**.
April 10, 2022	Courts will be reporting on progress made during **January 1, 2022 through March 31, 2022**.
July 10, 2022	Courts will be reporting on progress made during **April 1, 2022 through June 30, 2022**.
October 10, 2022	Courts will be reporting on progress made during **July 1, 2022 through September 30, 2022**.

*When the fourth quarter claim due date falls on a weekend, the new due date will be the Thursday prior.

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Department of Justice (DOJ) Office of Justice Programs **Bureau of Justice Assistance**	**AWARD CONTINUATION SHEET** **Grant**	PAGE 2 OF 16

PROJECT NUMBER 2020-MU-BX-0088 AWARD DATE

SPECIAL CONDITIONS

1. Requirements of the award; remedies for non-compliance or for materially false statements

   The conditions of this award are material requirements of the award. Compliance with any assurances or certifications submitted by or on behalf of the recipient that relate to conduct during the period of performance also is a material requirement of this award.

   Limited Exceptions. In certain special circumstances, the U.S. Department of Justice ("DOJ") may determine that it will not enforce, or enforce only in part, one or more requirements otherwise applicable to the award. Any such exceptions regarding enforcement, including any such exceptions made during the period of performance, are (or will be during the period of performance) set out through the Office of Justice Programs ("OJP") webpage entitled "Legal Notices: Special circumstances as to particular award conditions" (ojp.gov/funding/Explore/LegalNotices-AwardReqts.htm), and incorporated by reference into the award.

   By signing and accepting this award on behalf of the recipient, the authorized recipient official accepts all material requirements of the award, and specifically adopts, as if personally executed by the authorized recipient official, all assurances or certifications submitted by or on behalf of the recipient that relate to conduct during the period of performance.

   Failure to comply with one or more award requirements -- whether a condition set out in full below, a condition incorporated by reference below, or an assurance or certification related to conduct during the award period -- may result in OJP taking appropriate action with respect to the recipient and the award. Among other things, the OJP may withhold award funds, disallow costs, or suspend or terminate the award. DOJ, including OJP, also may take other legal action as appropriate.

   Any materially false, fictitious, or fraudulent statement to the federal government related to this award (or concealment or omission of a material fact) may be the subject of criminal prosecution (including under 18 U.S.C. 1001 and/or 1621, and/or 34 U.S.C. 10271-10273), and also may lead to imposition of civil penalties and administrative remedies for false claims or otherwise (including under 31 U.S.C. 3729-3730 and 3801-3812).

   Should any provision of a requirement of this award be held to be invalid or unenforceable by its terms, that provision shall first be applied with a limited construction so as to give it the maximum effect permitted by law. Should it be held, instead, that the provision is utterly invalid or -unenforceable, such provision shall be deemed severable from this award.

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SPECIAL CONDITIONS

2. Applicability of Part 200 Uniform Requirements

The Uniform Administrative Requirements, Cost Principles, and Audit Requirements in 2 C.F.R. Part 200, as adopted and supplemented by DOJ in 2 C.F.R. Part 2800 (together, the "Part 200 Uniform Requirements") apply to this FY 2020 award from OJP.

The Part 200 Uniform Requirements were first adopted by DOJ on December 26, 2014. If this FY 2020 award supplements funds previously awarded by OJP under the same award number (e.g., funds awarded during or before December 2014), the Part 200 Uniform Requirements apply with respect to all funds under that award number (regardless of the award date, and regardless of whether derived from the initial award or a supplemental award) that are obligated on or after the acceptance date of this FY 2020 award.

For more information and resources on the Part 200 Uniform Requirements as they relate to OJP awards and subawards ("subgrants"), see the OJP website at https://ojp.gov/funding/Part200UniformRequirements.htm.

Record retention and access: Records pertinent to the award that the recipient (and any subrecipient ("subgrantee") at any tier) must retain -- typically for a period of 3 years from the date of submission of the final expenditure report (SF 425), unless a different retention period applies -- and to which the recipient (and any subrecipient ("subgrantee") at any tier) must provide access, include performance measurement information, in addition to the financial records, supporting documents, statistical records, and other pertinent records indicated at 2 C.F.R. 200.333.

In the event that an award-related question arises from documents or other materials prepared or distributed by OJP that may appear to conflict with, or differ in some way from, the provisions of the Part 200 Uniform Requirements, the recipient is to contact OJP promptly for clarification.

3. Compliance with DOJ Grants Financial Guide

References to the DOJ Grants Financial Guide are to the DOJ Grants Financial Guide as posted on the OJP website (currently, the "DOJ Grants Financial Guide" available at https://ojp.gov/financialguide/DOJ/index.htm), including any updated version that may be posted during the period of performance. The recipient agrees to comply with the DOJ Grants Financial Guide.

4. Reclassification of various statutory provisions to a new Title 34 of the United States Code

On September 1, 2017, various statutory provisions previously codified elsewhere in the U.S. Code were editorially reclassified (that is, moved and renumbered) to a new Title 34, entitled "Crime Control and Law Enforcement." The reclassification encompassed a number of statutory provisions pertinent to OJP awards (that is, OJP grants and cooperative agreements), including many provisions previously codified in Title 42 of the U.S. Code.

Effective as of September 1, 2017, any reference in this award document to a statutory provision that has been reclassified to the new Title 34 of the U.S. Code is to be read as a reference to that statutory provision as reclassified to Title 34. This rule of construction specifically includes references set out in award conditions, references set out in material incorporated by reference through award conditions, and references set out in other award requirements.

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SPECIAL CONDITIONS

5. Required training for Point of Contact and all Financial Points of Contact

   Both the Point of Contact (POC) and all Financial Points of Contact (FPOCs) for this award must have successfully completed an "OJP financial management and grant administration training" by 120 days after the date of the recipient's acceptance of the award. Successful completion of such a training on or after January 1, 2018, will satisfy this condition.

   In the event that either the POC or an FPOC for this award changes during the period of performance, the new POC or FPOC must have successfully completed an "OJP financial management and grant administration training" by 120 calendar days after -- (1) the date of OJP's approval of the "Change Grantee Contact" GAN (in the case of a new POC), or (2) the date the POC enters information on the new FPOC in GMS (in the case of a new FPOC). Successful completion of such a training on or after January 1, 2018, will satisfy this condition.

   A list of OJP trainings that OJP will consider "OJP financial management and grant administration training" for purposes of this condition is available at https://www.ojp.gov/training/fmts.htm. All trainings that satisfy this condition include a session on grant fraud prevention and detection.

   The recipient should anticipate that OJP will immediately withhold ("freeze") award funds if the recipient fails to comply with this condition. The recipient's failure to comply also may lead OJP to impose additional appropriate conditions on this award.

6. Requirements related to "de minimis" indirect cost rate

   A recipient that is eligible under the Part 200 Uniform Requirements and other applicable law to use the "de minimis" indirect cost rate described in 2 C.F.R. 200.414(f), and that elects to use the "de minimis" indirect cost rate, must advise OJP in writing of both its eligibility and its election, and must comply with all associated requirements in the Part 200 Uniform Requirements. The "de minimis" rate may be applied only to modified total direct costs (MTDC) as defined by the Part 200 Uniform Requirements.

7. Requirement to report potentially duplicative funding

   If the recipient currently has other active awards of federal funds, or if the recipient receives any other award of federal funds during the period of performance for this award, the recipient promptly must determine whether funds from any of those other federal awards have been, are being, or are to be used (in whole or in part) for one or more of the identical cost items for which funds are provided under this award. If so, the recipient must promptly notify the DOJ awarding agency (OJP or OVW, as appropriate) in writing of the potential duplication, and, if so requested by the DOJ awarding agency, must seek a budget-modification or change-of-project-scope grant adjustment notice (GAN) to eliminate any inappropriate duplication of funding.

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SPECIAL CONDITIONS

8. Requirements related to System for Award Management and Universal Identifier Requirements

The recipient must comply with applicable requirements regarding the System for Award Management (SAM), currently accessible at https://www.sam.gov/. This includes applicable requirements regarding registration with SAM, as well as maintaining the currency of information in SAM.

The recipient also must comply with applicable restrictions on subawards ("subgrants") to first-tier subrecipients (first-tier "subgrantees"), including restrictions on subawards to entities that do not acquire and provide (to the recipient) the unique entity identifier required for SAM registration.

The details of the recipient's obligations related to SAM and to unique entity identifiers are posted on the OJP web site at https://ojp.gov/funding/Explore/SAM.htm (Award condition: System for Award Management (SAM) and Universal Identifier Requirements), and are incorporated by reference here.

This condition does not apply to an award to an individual who received the award as a natural person (i.e., unrelated to any business or non-profit organization that he or she may own or operate in his or her name).

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SPECIAL CONDITIONS

9. Employment eligibility verification for hiring under the award

1. The recipient (and any subrecipient at any tier) must--

A. Ensure that, as part of the hiring process for any position within the United States that is or will be funded (in whole or in part) with award funds, the recipient (or any subrecipient) properly verifies the employment eligibility of the individual who is being hired, consistent with the provisions of 8 U.S.C. 1324a(a)(1) and (2).

B. Notify all persons associated with the recipient (or any subrecipient) who are or will be involved in activities under this award of both--

(1) this award requirement for verification of employment eligibility, and

(2) the associated provisions in 8 U.S.C. 1324a(a)(1) and (2) that, generally speaking, make it unlawful, in the United States, to hire (or recruit for employment) certain aliens.

C. Provide training (to the extent necessary) to those persons required by this condition to be notified of the award requirement for employment eligibility verification and of the associated provisions of 8 U.S.C. 1324a(a)(1) and (2).

D. As part of the recordkeeping for the award (including pursuant to the Part 200 Uniform Requirements), maintain records of all employment eligibility verifications pertinent to compliance with this award condition in accordance with Form I-9 record retention requirements, as well as records of all pertinent notifications and trainings.

2. Monitoring

The recipient's monitoring responsibilities include monitoring of subrecipient compliance with this condition.

3. Allowable costs

To the extent that such costs are not reimbursed under any other federal program, award funds may be obligated for the reasonable, necessary, and allocable costs (if any) of actions designed to ensure compliance with this condition.

4. Rules of construction

A. Staff involved in the hiring process

For purposes of this condition, persons "who are or will be involved in activities under this award" specifically includes (without limitation) any and all recipient (or any subrecipient) officials or other staff who are or will be involved in the hiring process with respect to a position that is or will be funded (in whole or in part) with award funds.

B. Employment eligibility confirmation with E-Verify

For purposes of satisfying the requirement of this condition regarding verification of employment eligibility, the recipient (or any subrecipient) may choose to participate in, and use, E-Verify (www.e-verify.gov), provided an appropriate person authorized to act on behalf of the recipient (or subrecipient) uses E-Verify (and follows the proper E-Verify procedures, including in the event of a "Tentative Nonconfirmation" or a "Final Nonconfirmation") to confirm employment eligibility for each hiring for a position in the United States that is or will be funded (in whole or in part) with award funds.

C. "United States" specifically includes the District of Columbia, Puerto Rico, Guam, the Virgin Islands of the United States, and the Commonwealth of the Northern Mariana Islands.

D. Nothing in this condition shall be understood to authorize or require any recipient, any subrecipient at any tier, or

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SPECIAL CONDITIONS

any person or other entity, to violate any federal law, including any applicable civil rights or nondiscrimination law.

E. Nothing in this condition, including in paragraph 4.B., shall be understood to relieve any recipient, any subrecipient at any tier, or any person or other entity, of any obligation otherwise imposed by law, including 8 U.S.C. 1324a(a)(1) and (2).

Questions about E-Verify should be directed to DHS. For more information about E-Verify visit the E-Verify website (https://www.e-verify.gov/) or email E-Verify at E-Verify@dhs.gov. E-Verify employer agents can email E-Verify at E-VerifyEmployerAgent@dhs.gov.

Questions about the meaning or scope of this condition should be directed to OJP, before award acceptance.

10. Requirement to report actual or imminent breach of personally identifiable information (PII)

The recipient (and any "subrecipient" at any tier) must have written procedures in place to respond in the event of an actual or imminent "breach" (OMB M-17-12) if it (or a subrecipient) -- (1) creates, collects, uses, processes, stores, maintains, disseminates, discloses, or disposes of "personally identifiable information (PII)" (2 CFR 200.79) within the scope of an OJP grant-funded program or activity, or (2) uses or operates a "Federal information system" (OMB Circular A-130). The recipient's breach procedures must include a requirement to report actual or imminent breach of PII to an OJP Program Manager no later than 24 hours after an occurrence of an actual breach, or the detection of an imminent breach.

11. All subawards ("subgrants") must have specific federal authorization

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements for authorization of any subaward. This condition applies to agreements that -- for purposes of federal grants administrative requirements -- OJP considers a "subaward" (and therefore does not consider a procurement "contract").

The details of the requirement for authorization of any subaward are posted on the OJP web site at https://ojp.gov/funding/Explore/SubawardAuthorization.htm (Award condition: All subawards ("subgrants") must have specific federal authorization), and are incorporated by reference here.

12. Specific post-award approval required to use a noncompetitive approach in any procurement contract that would exceed $250,000

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements to obtain specific advance approval to use a noncompetitive approach in any procurement contract that would exceed the Simplified Acquisition Threshold (currently, $250,000). This condition applies to agreements that -- for purposes of federal grants administrative requirements -- OJP considers a procurement "contract" (and therefore does not consider a subaward).

The details of the requirement for advance approval to use a noncompetitive approach in a procurement contract under an OJP award are posted on the OJP web site at https://ojp.gov/funding/Explore/NoncompetitiveProcurement.htm (Award condition: Specific post-award approval required to use a noncompetitive approach in a procurement contract (if contract would exceed $250,000)), and are incorporated by reference here.

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SPECIAL CONDITIONS

13. Unreasonable restrictions on competition under the award; association with federal government

SCOPE. This condition applies with respect to any procurement of property or services that is funded (in whole or in part) by this award, whether by the recipient or by any subrecipient at any tier, and regardless of the dollar amount of the purchase or acquisition, the method of procurement, or the nature of any legal instrument used. The provisions of this condition must be among those included in any subaward (at any tier).

1. No discrimination, in procurement transactions, against associates of the federal government

Consistent with the (DOJ) Part 200 Uniform Requirements -- including as set out at 2 C.F.R. 200.300 (requiring awards to be "manage[d] and administer[ed] in a manner so as to ensure that Federal funding is expended and associated programs are implemented in full accordance with U.S. statutory and public policy requirements") and 200.319(a) (generally requiring "[a]ll procurement transactions [to] be conducted in a manner providing full and open competition" and forbidding practices "restrictive of competition," such as "[p]lacing unreasonable requirements on firms in order for them to qualify to do business" and taking "[a]ny arbitrary action in the procurement process") -- no recipient (or subrecipient, at any tier) may (in any procurement transaction) discriminate against any person or entity on the basis of such person or entity's status as an "associate of the federal government" (or on the basis of such person or entity's status as a parent, affiliate, or subsidiary of such an associate), except as expressly set out in 2 C.F.R. 200.319(a) or as specifically authorized by USDOJ.

2. Monitoring

The recipient's monitoring responsibilities include monitoring of subrecipient compliance with this condition.

3. Allowable costs

To the extent that such costs are not reimbursed under any other federal program, award funds may be obligated for the reasonable, necessary, and allocable costs (if any) of actions designed to ensure compliance with this condition.

4. Rules of construction

A. The term "associate of the federal government" means any person or entity engaged or employed (in the past or at present) by or on behalf of the federal government -- as an employee, contractor or subcontractor (at any tier), grant recipient or -subrecipient (at any tier), agent, or otherwise -- in undertaking any work, project, or activity for or on behalf of (or in providing goods or services to or on behalf of) the federal government, and includes any applicant for such employment or engagement, and any person or entity committed by legal instrument to undertake any such work, project, or activity (or to provide such goods or services) in future.

B. Nothing in this condition shall be understood to authorize or require any recipient, any subrecipient at any tier, or any person or other entity, to violate any federal law, including any applicable civil rights or nondiscrimination law.

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SPECIAL CONDITIONS

14. Requirements pertaining to prohibited conduct related to trafficking in persons (including reporting requirements and OJP authority to terminate award)

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements (including requirements to report allegations) pertaining to prohibited conduct related to the trafficking of persons, whether on the part of recipients, subrecipients ("subgrantees"), or individuals defined (for purposes of this condition) as "employees" of the recipient or of any subrecipient.

The details of the recipient's obligations related to prohibited conduct related to trafficking in persons are posted on the OJP web site at https://ojp.gov/funding/Explore/ProhibitedConduct-Trafficking.htm (Award condition: Prohibited conduct by recipients and subrecipients related to trafficking in persons (including reporting requirements and OJP authority to terminate award)), and are incorporated by reference here.

15. Determination of suitability to interact with participating minors

SCOPE. This condition applies to this award if it is indicated -- in the application for the award (as approved by DOJ)(or in the application for any subaward, at any tier), the DOJ funding announcement (solicitation), or an associated federal statute -- that a purpose of some or all of the activities to be carried out under the award (whether by the recipient, or a subrecipient at any tier) is to benefit a set of individuals under 18 years of age.

The recipient, and any subrecipient at any tier, must make determinations of suitability before certain individuals may interact with participating minors. This requirement applies regardless of an individual's employment status.

The details of this requirement are posted on the OJP web site at https://ojp.gov/funding/Explore/Interact-Minors.htm (Award condition: Determination of suitability required, in advance, for certain individuals who may interact with participating minors), and are incorporated by reference here.

16. Compliance with applicable rules regarding approval, planning, and reporting of conferences, meetings, trainings, and other events

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable laws, regulations, policies, and official DOJ guidance (including specific cost limits, prior approval and reporting requirements, where applicable) governing the use of federal funds for expenses related to conferences (as that term is defined by DOJ), including the provision of food and/or beverages at such conferences, and costs of attendance at such conferences.

Information on the pertinent DOJ definition of conferences and the rules applicable to this award appears in the DOJ Grants Financial Guide (currently, as section 3.10 of "Postaward Requirements" in the "DOJ Grants Financial Guide").

17. Requirement for data on performance and effectiveness under the award

The recipient must collect and maintain data that measure the performance and effectiveness of work under this award. The data must be provided to OJP in the manner (including within the timeframes) specified by OJP in the program solicitation or other applicable written guidance. Data collection supports compliance with the Government Performance and Results Act (GPRA) and the GPRA Modernization Act of 2010, and other applicable laws.

18. OJP Training Guiding Principles

Any training or training materials that the recipient -- or any subrecipient ("subgrantee") at any tier -- develops or delivers with OJP award funds must adhere to the OJP Training Guiding Principles for Grantees and Subgrantees, available at https://ojp.gov/funding/Implement/TrainingPrinciplesForGrantees-Subgrantees.htm.

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SPECIAL CONDITIONS

19. Effect of failure to address audit issues

The recipient understands and agrees that the DOJ awarding agency (OJP or OVW, as appropriate) may withhold award funds, or may impose other related requirements, if (as determined by the DOJ awarding agency) the recipient does not satisfactorily and promptly address outstanding issues from audits required by the Part 200 Uniform Requirements (or by the terms of this award), or other outstanding issues that arise in connection with audits, investigations, or reviews of DOJ awards.

20. Potential imposition of additional requirements

The recipient agrees to comply with any additional requirements that may be imposed by the DOJ awarding agency (OJP or OVW, as appropriate) during the period of performance for this award, if the recipient is designated as "high-risk" for purposes of the DOJ high-risk grantee list.

21. Compliance with DOJ regulations pertaining to civil rights and nondiscrimination - 28 C.F.R. Part 42

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements of 28 C.F.R. Part 42, specifically including any applicable requirements in Subpart E of 28 C.F.R. Part 42 that relate to an equal employment opportunity program.

22. Compliance with DOJ regulations pertaining to civil rights and nondiscrimination - 28 C.F.R. Part 54

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements of 28 C.F.R. Part 54, which relates to nondiscrimination on the basis of sex in certain "education programs."

23. Compliance with DOJ regulations pertaining to civil rights and nondiscrimination - 28 C.F.R. Part 38

The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable requirements of 28 C.F.R. Part 38 (as may be applicable from time to time), specifically including any applicable requirements regarding written notice to program beneficiaries and prospective program beneficiaries.

Currently, among other things, 28 C.F.R. Part 38 includes rules that prohibit specific forms of discrimination on the basis of religion, a religious belief, a refusal to hold a religious belief, or refusal to attend or participate in a religious practice. Part 38, currently, also sets out rules and requirements that pertain to recipient and subrecipient ("subgrantee") organizations that engage in or conduct explicitly religious activities, as well as rules and requirements that pertain to recipients and subrecipients that are faith-based or religious organizations.

The text of 28 C.F.R. Part 38 is available via the Electronic Code of Federal Regulations (currently accessible at https://www.ecfr.gov/cgi-bin/ECFR?page=browse), by browsing to Title 28-Judicial Administration, Chapter 1, Part 38, under e-CFR "current" data.

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SPECIAL CONDITIONS

24. Restrictions on "lobbying"

In general, as a matter of federal law, federal funds awarded by OJP may not be used by the recipient, or any subrecipient ("subgrantee") at any tier, either directly or indirectly, to support or oppose the enactment, repeal, modification, or adoption of any law, regulation, or policy, at any level of government. See 18 U.S.C. 1913. (There may be exceptions if an applicable federal statute specifically authorizes certain activities that otherwise would be barred by law.)

Another federal law generally prohibits federal funds awarded by OJP from being used by the recipient, or any subrecipient at any tier, to pay any person to influence (or attempt to influence) a federal agency, a Member of Congress, or Congress (or an official or employee of any of them) with respect to the awarding of a federal grant or cooperative agreement, subgrant, contract, subcontract, or loan, or with respect to actions such as renewing, extending, or modifying any such award. See 31 U.S.C. 1352. Certain exceptions to this law apply, including an exception that applies to Indian tribes and tribal organizations.

Should any question arise as to whether a particular use of federal funds by a recipient (or subrecipient) would or might fall within the scope of these prohibitions, the recipient is to contact OJP for guidance, and may not proceed without the express prior written approval of OJP.

25. Compliance with general appropriations-law restrictions on the use of federal funds (FY 2020) The recipient, and any subrecipient ("subgrantee") at any tier, must comply with all applicable restrictions on the use of federal funds set out in federal appropriations statutes. Pertinent restrictions that may be set out in applicable appropriations acts are indicated at https://ojp.gov/funding/Explore/FY20AppropriationsRestrictions.htm, and are incorporated by reference here. Should a question arise as to whether a particular use of federal funds by a recipient (or a subrecipient) would or might fall within the scope of an appropriations-law restriction, the recipient is to contact OJP for guidance, and may not proceed without the express prior written approval of OJP.

26. Reporting potential fraud, waste, and abuse, and similar misconduct

The recipient, and any subrecipients ("subgrantees") at any tier, must promptly refer to the DOJ Office of the Inspector General (OIG) any credible evidence that a principal, employee, agent, subrecipient, contractor, subcontractor, or other person has, in connection with funds under this award-- (1) submitted a claim that violates the False Claims Act; or (2) committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct.

Potential fraud, waste, abuse, or misconduct involving or relating to funds under this award should be reported to the OIG by--(1) online submission accessible via the OIG webpage at https://oig.justice.gov/hotline/contact-grants.htm (select "Submit Report Online"); (2) mail directed to: U.S. Department of Justice, Office of the Inspector General, Investigations Division, ATTN: Grantee Reporting, 950 Pennsylvania Ave., NW, Washington, DC 20530; and/or (3) by facsimile directed to the DOJ OIG Investigations Division (Attn: Grantee Reporting) at (202) 616-9881 (fax).

Additional information is available from the DOJ OIG website at https://oig.justice.gov/hotline.

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SPECIAL CONDITIONS

27. Restrictions and certifications regarding non-disclosure agreements and related matters

No recipient or subrecipient ("subgrantee") under this award, or entity that receives a procurement contract or subcontract with any funds under this award, may require any employee or contractor to sign an internal confidentiality agreement or statement that prohibits or otherwise restricts, or purports to prohibit or restrict, the reporting (in accordance with law) of waste, fraud, or abuse to an investigative or law enforcement representative of a federal department or agency authorized to receive such information.

The foregoing is not intended, and shall not be understood by the agency making this award, to contravene requirements applicable to Standard Form 312 (which relates to classified information), Form 4414 (which relates to sensitive compartmented information), or any other form issued by a federal department or agency governing the nondisclosure of classified information.

1. In accepting this award, the recipient--

a. represents that it neither requires nor has required internal confidentiality agreements or statements from employees or contractors that currently prohibit or otherwise currently restrict (or purport to prohibit or restrict) employees or contractors from reporting waste, fraud, or abuse as described above; and

b. certifies that, if it learns or is notified that it is or has been requiring its employees or contractors to execute agreements or statements that prohibit or otherwise restrict (or purport to prohibit or restrict), reporting of waste, fraud, or abuse as described above, it will immediately stop any further obligations of award funds, will provide prompt written notification to the federal agency making this award, and will resume (or permit resumption of) such obligations only if expressly authorized to do so by that agency.

2. If the recipient does or is authorized under this award to make subawards ("subgrants"), procurement contracts, or both--

a. it represents that--

(1) it has determined that no other entity that the recipient's application proposes may or will receive award funds (whether through a subaward ("subgrant"), procurement contract, or subcontract under a procurement contract) either requires or has required internal confidentiality agreements or statements from employees or contractors that currently prohibit or otherwise currently restrict (or purport to prohibit or restrict) employees or contractors from reporting waste, fraud, or abuse as described above; and

(2) it has made appropriate inquiry, or otherwise has an adequate factual basis, to support this representation; and

b. it certifies that, if it learns or is notified that any subrecipient, contractor, or subcontractor entity that receives funds under this award is or has been requiring its employees or contractors to execute agreements or statements that prohibit or otherwise restrict (or purport to prohibit or restrict), reporting of waste, fraud, or abuse as described above, it will immediately stop any further obligations of award funds to or by that entity, will provide prompt written notification to the federal agency making this award, and will resume (or permit resumption of) such obligations only if expressly authorized to do so by that agency.

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SPECIAL CONDITIONS

28. Compliance with 41 U.S.C. 4712 (including prohibitions on reprisal; notice to employees)

The recipient (and any subrecipient at any tier) must comply with, and is subject to, all applicable provisions of 41 U.S.C. 4712, including all applicable provisions that prohibit, under specified circumstances, discrimination against an employee as reprisal for the employee's disclosure of information related to gross mismanagement of a federal grant, a gross waste of federal funds, an abuse of authority relating to a federal grant, a substantial and specific danger to public health or safety, or a violation of law, rule, or regulation related to a federal grant.

The recipient also must inform its employees, in writing (and in the predominant native language of the workforce), of employee rights and remedies under 41 U.S.C. 4712.

Should a question arise as to the applicability of the provisions of 41 U.S.C. 4712 to this award, the recipient is to contact the DOJ awarding agency (OJP or OVW, as appropriate) for guidance.

29. Encouragement of policies to ban text messaging while driving

Pursuant to Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving," 74 Fed. Reg. 51225 (October 1, 2009), DOJ encourages recipients and subrecipients ("subgrantees") to adopt and enforce policies banning employees from text messaging while driving any vehicle during the course of performing work funded by this award, and to establish workplace safety policies and conduct education, awareness, and other outreach to decrease crashes caused by distracted drivers.

30. Requirement to disclose whether recipient is designated "high risk" by a federal grant-making agency outside of DOJ

If the recipient is designated "high risk" by a federal grant-making agency outside of DOJ, currently or at any time during the course of the period of performance under this award, the recipient must disclose that fact and certain related information to OJP by email at OJP.ComplianceReporting@ojp.usdoj.gov. For purposes of this disclosure, high risk includes any status under which a federal awarding agency provides additional oversight due to the recipient's past performance, or other programmatic or financial concerns with the recipient. The recipient's disclosure must include the following: 1. The federal awarding agency that currently designates the recipient high risk, 2. The date the recipient was designated high risk, 3. The high-risk point of contact at that federal awarding agency (name, phone number, and email address), and 4. The reasons for the high-risk status, as set out by the federal awarding agency.

31. The recipient agrees to submit to BJA for review and approval any curricula, training materials, proposed publications, reports, or any other written materials that will be published, including web-based materials and web site content, through funds from this grant at least thirty (30) working days prior to the targeted dissemination date. Any written, visual, or audio publications, with the exception of press releases, whether published at the grantee's or government's expense, shall contain the following statements: "This project was supported by Grant No. 2020-MU-BX-0088 awarded by the Bureau of Justice Assistance. The Bureau of Justice Assistance is a component of the Department of Justice's Office of Justice Programs, which also includes the Bureau of Justice Statistics, the National Institute of Justice, the Office of Juvenile Justice and Delinquency Prevention, the Office for Victims of Crime, and the SMART Office. Points of view or opinions in this document are those of the author and do not necessarily represent the official position or policies of the U.S. Department of Justice." The current edition of the DOJ Grants Financial Guide provides guidance on allowable printing and publication activities.

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SPECIAL CONDITIONS

32. The recipient agrees to comply with OJP grant monitoring guidelines, protocols, and procedures, and to cooperate with BJA and OCFO on all grant monitoring requests, including requests related to desk reviews, enhanced programmatic desk reviews, and/or site visits. The recipient agrees to provide to BJA and OCFO all documentation necessary to complete monitoring tasks, including documentation related to any subawards made under this award. Further, the recipient agrees to abide by reasonable deadlines set by BJA and OCFO for providing the requested documents. Failure to cooperate with BJA's/OCFO's grant monitoring activities may result in sanctions affecting the recipient's DOJ awards, including, but not limited to: withholdings and/or other restrictions on the recipient's access to grant funds; referral to the Office of the Inspector General for audit review; designation of the recipient as a DOJ High Risk grantee; or termination of an award(s).

33. Verification and updating of recipient contact information

    The recipient must verify its Point of Contact(POC), Financial Point of Contact (FPOC), and Authorized Representative contact information in GMS, including telephone number and e-mail address. If any information is incorrect or has changed, a Grant Adjustment Notice (GAN) must be submitted via the Grants Management System (GMS) to document changes.

34. The recipient agrees to cooperate with any assessments, national evaluation efforts, or information or data collection requests, including, but not limited to, the provision of any information required for the assessment or evaluation of any activities within this project.

35. Justification of consultant rate

    Approval of this award does not indicate approval of any consultant rate in excess of $650 per day. A detailed justification must be submitted to and approved by the OJP program office prior to obligation or expenditure of such funds.

36. Recipient understands and agrees that it must submit quarterly Federal Financial Reports (SF-425) and semi-annual performance reports through GMS (https://grants.ojp.usdoj.gov), and that it must submit quarterly performance metrics reports through BJA's Performance Measurement Tool (PMT) website (https://bjapmt.ojp.gov/). For more detailed information on reporting and other requirements, refer to BJA's website. Failure to submit required reports by established deadlines may result in the freezing of grant funds and High Risk designation.

37. The grantee agrees to comply with the applicable requirements of 28 C.F.R. Part 38, the Department of Justice regulation governing "Equal Treatment for Faith Based Organizations" (the "Equal Treatment Regulation"). The Equal Treatment Regulation provides in part that Department of Justice grant awards of direct funding may not be used to fund any inherently religious activities, such as worship, religious instruction, or proselytization. Recipients of direct grants may still engage in inherently religious activities, but such activities must be separate in time or place from the Department of Justice funded program, and participation in such activities by individuals receiving services from the grantee or a sub-grantee must be voluntary. The Equal Treatment Regulation also makes clear that organizations participating in programs directly funded by the Department of Justice are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. Notwithstanding any other special condition of this award, faith-based organizations may, in some circumstances, consider religion as a basis for employment. See http://www.ojp.gov/about/ocr/equal_fbo.htm.

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SPECIAL CONDITIONS

38. With respect to this award, federal funds may not be used to pay cash compensation (salary plus bonuses) to any employee of the award recipient at a rate that exceeds 110% of the maximum annual salary payable to a member of the federal government's Senior Executive Service (SES) at an agency with a Certified SES Performance Appraisal System for that year. (An award recipient may compensate an employee at a higher rate, provided the amount in excess of this compensation limitation is paid with non-federal funds.)

    This limitation on compensation rates allowable under this award may be waived on an individual basis at the discretion of the OJP official indicated in the program announcement under which this award is made.

39. FFATA reporting: Subawards and executive compensation

    The recipient must comply with applicable requirements to report first-tier subawards ("subgrants") of $25,000 or more and, in certain circumstances, to report the names and total compensation of the five most highly compensated executives of the recipient and first-tier subrecipients (first-tier "subgrantees") of award funds. The details of recipient obligations, which derive from the Federal Funding Accountability and Transparency Act of 2006 (FFATA), are posted on the OJP web site at https://ojp.gov/funding/Explore/FFATA.htm (Award condition: Reporting Subawards and Executive Compensation), and are incorporated by reference here.

    This condition, including its reporting requirement, does not apply to-- (1) an award of less than $25,000, or (2) an award made to an individual who received the award as a natural person (i.e., unrelated to any business or non-profit organization that he or she may own or operate in his or her name).

40. Regarding medication-assisted treatment (MAT), the award recipient understands and agrees to the following: 1) all clients in a BJA-funded drug court have a right to access MAT under the care and prescription of a physician to the extent MAT is clinically indicated; 2) BJA-funded drug courts must not deny any eligible client enrollment to the drug court program because of their use of FDA-approved medications for the treatment of substance abuse; 3) MAT must be permitted to be continued for as long as the prescriber determines that the FDA-approved medication is clinically beneficial; 4) while under no circumstances can a BJA-funded drug court program deny access to MAT under the care and prescription of a physician when it is clinically indicated, a judge retains judicial discretion to mitigate/reduce the risk of abuse, misuse, or diversion of these medications; and 5) federal funds shall not be used to support activities that violate the Controlled Substances Act, 21 U.S.C. §§ 801-904.

41. All BJA-funded adult drug courts must be operated based on the 10 key components for drug courts, which are found in BJA's and National Association of Drug Court Professional's (NADCP) publication: Defining Drug Courts: The Key Components at https://www.ncjrs.gov/pdffiles1/bja/205621.pdf. During the grant period of performance, if BJA concludes that a funded drug court is not conforming to the 10 key components, it retains the right to place the award recipient on a corrective action plan to bring the drug court into conformance. Continued failure to maintain conformance to the key components may result in a hold placed on award funds or suspension/termination of the grant award agreement.

42. The recipient agrees to submit to BJA, by the termination of the award period, an electronic copy of the final evaluation report. The final evaluation report must be submitted to BJA as a "Special Report," via the OJP Grants Management System Progress Reports Module.

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SPECIAL CONDITIONS

43. The recipient understands and agrees that no award or matching funds may be used to provide services for violent offenders as defined in 42 U.S.C. 3797u-2, a "violent offender" means a person who—(1) is charged with or convicted of an offense that is punishable by a term of imprisonment exceeding one year, during the course of which offense or conduct— (A) the person carried, possessed, or used a firearm or dangerous weapon; (B) there occurred the death of or serious bodily injury to any person; or (C) there occurred the use of force against the person of another, without regard to whether any of the circumstances described in subparagraph (A) or (B) is an element of the offense or conduct of which or for which the person is charged or convicted; or (2) has 1 or more prior convictions for a felony crime of violence involving the use or attempted use of force against a person with the intent to cause death or serious bodily harm.

44. Recipient integrity and performance matters: Requirement to report information on certain civil, criminal, and administrative proceedings to SAM and FAPIIS

    The recipient must comply with any and all applicable requirements regarding reporting of information on civil, criminal, and administrative proceedings connected with (or connected to the performance of) either this OJP award or any other grant, cooperative agreement, or procurement contract from the federal government. Under certain circumstances, recipients of OJP awards are required to report information about such proceedings, through the federal System for Award Management (known as "SAM"), to the designated federal integrity and performance system (currently, "FAPIIS").

    The details of recipient obligations regarding the required reporting (and updating) of information on certain civil, criminal, and administrative proceedings to the federal designated integrity and performance system (currently, "FAPIIS") within SAM are posted on the OJP web site at https://ojp.gov/funding/FAPIIS.htm (Award condition: Recipient Integrity and Performance Matters, including Recipient Reporting to FAPIIS), and are incorporated by reference here.

45. The recipient may not obligate, expend or draw down funds until the Office of the Chief Financial Officer (OCFO) has approved the budget and budget narrative and a Grant Adjustment Notice (GAN) has been issued to remove this special condition.

46. Withholding of funds: Disclosure of pending applications

    The recipient may not obligate, expend, or draw down any award funds until: (1) it has provided to the grant manager for this OJP award either an "applicant disclosure of pending applications" for federal funding or a specific affirmative statement that no such pending applications (whether direct or indirect) exist, in accordance with the detailed instructions in the program solicitation, (2) OJP has completed its review of the information provided and of any supplemental information it may request, (3) the recipient has made any adjustments to the award that OJP may require to prevent or eliminate any inappropriate duplication of funding (e.g., budget modification, project scope adjustment), (4) if appropriate adjustments to a discretionary award cannot be made, the recipient has agreed in writing to any necessary reduction of the award amount in any amount sufficient to prevent duplication (as determined by OJP), and (5) a Grant Adjustment Notice has been issued to remove this condition.

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: BOC, 12/14/21

DEPARTMENT: Barry County Road Commission

PREPARED BY: Michael Brown, County Administrator

SUBJECT: Approval of 2021 Road Commission Annual Audit Engagement Agreement

SPECIFIC ACTION(S) REQUESTED:
To recommend to the Board of Commissioners approval of the Audit Engagement Agreement with Walker Fluke & Sheldon, P.C. to perform the 2021 Barry County Road Commission annual audit.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only): Approval of the Audit Engagement Agreement with Walker Fluke & Sheldon, P.C. to perform the 2021 Barry County Road Commission annual audit.

DESCRIPTION OF ACTION: The Road Commission is required to conduct an annual audit of its financial statements. MCL 224.27 requires that the proposed agreement with the CPA be confirmed by the County Board of Commissioners. To comply with the requirement, the Road Commission is requesting that the County Board of Commissioners approve the agreement with Walker Fluke & Sheldon in the not to exceed amount of $9,000 to complete the 2021 annual audit.

TIME FRAME OF ACTION: Immediate.

FUNDING REQUIRED: YES X NO _____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) Local
2. IF LOCAL, SPECIFY FUND: Road Commission
3. AMOUNT REQUESTED: $9,000
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.) None
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS: None

PERSONNEL IF REQUIRED: N/A

NEW OR RENEWAL: New.

ANY OTHER PERTINENT INFORMATION: See attached engagement letter.

CONTACT PERSON WITH PHONE NUMBER:
Michael Brown, County Administrator, 269-945-1284

WALKER, FLUKE & SHELDON, PLC
CERTIFIED PUBLIC ACCOUNTANTS
Building Trust, Delivering Integrity, One Handshake at a Time.

November 19, 2021

Barry County Road Commission
1725 W M-37 Highway
Hastings, MI 49058

We are pleased to confirm our understanding of the services we are to provide Barry County Road Commission for the year ended December 31, 2021.

Audit Scope and Objectives

We will audit the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information, and the disclosures, which collectively comprise the basic financial statements of Barry County Road Commission as of and for the year ended December 31, 2021. Accounting standards generally accepted in the United States of America (GAAS) provide for certain required supplementary information (RSI), such as management's discussion and analysis (MD&A), to supplement Barry County Road Commission's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to Barry County Road Commission's RSI in accordance with GAAS. These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance. The following RSI is required by U.S. generally accepted accounting principles (GAAP) and will be subjected to certain limited procedures, but will not be audited:

1) Management's Discussion and Analysis
2) Budgetary Comparison Schedules
3) Schedule of Funding Progress and Employer Contributions

We have also been engaged to report on supplementary information other than RSI that accompanies Barry County Road Commission's financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS, and we will provide an opinion on it in relation to the financial statements as a whole in a report combined with our auditor's report on the financial statements.

1) Analysis of Changes in Fund Balance
2) Analysis of Revenue and Other Financing Sources
3) Analysis of Expenditures

The objectives of our audit are to obtain reasonable assurance as to whether the financial statements as a whole are free from material misstatement, whether due to fraud or error; issue an auditor's report that includes our opinion about whether your financial statements are fairly presented, in all material respects, in conformity with GAAP; and report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment of a reasonable user made based on the financial statements.

Auditor's Responsibilities for the Audit of the Financial Statements

We will conduct our audit in accordance with GAAS and will include tests of your accounting records and other procedures we consider necessary to enable us to express such opinions. As part of an audit in accordance with GAAS, we exercise professional judgment and maintain professional skepticism throughout the audit.

We will evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management. We will also evaluate the overall presentation of the financial statements, including the disclosures, and determine whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation. We will plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is an unavoidable risk that some material misstatements may not be detected by us, even though the audit is properly planned and performed in accordance with GAAS. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements. However, we will inform the appropriate level of management of any material errors, fraudulent financial reporting, or misappropriation of assets that comes to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential. Our responsibility as auditors is limited to the period covered by our audit and does not extend to any later periods for which we are not engaged as auditors.

We will also conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the government's ability to continue as a going concern for a reasonable period of time.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, tests of the physical existence of inventories, and direct confirmation of receivables and certain assets and liabilities by correspondence with selected customers, creditors, and financial institutions. We will also request written representations from your attorneys as part of the engagement.

We may, from time to time and depending on the circumstances, use third-party service providers in serving your account. We may share confidential information about you with these service providers but remain committed to maintaining the confidentiality and security of your information. Accordingly, we maintain internal policies, procedures, and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality agreements with all service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure an appropriate confidentiality agreement, you will be asked to provide your consent prior to the sharing of your confidential information with the third-party service provider. Furthermore, we will remain responsible for the work provided by any such third-party service providers.

Audit Procedures—Internal Control

We will obtain an understanding of the government and its environment, including internal control relevant to the audit, sufficient to identify and assess the risks of material misstatement of the financial statements, whether due to error or fraud, and to design and perform audit procedures responsive to those risks and obtain evidence that is sufficient and appropriate to provide a basis for our opinions. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentation, or the override of internal control. An audit is not designed to provide assurance on internal control or to identify deficiencies in internal control. Accordingly, we will express no such opinion. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards.

We have identified the following significant risks of material misstatement as part of our audit planning.

- Management override of controls.

Audit Procedures—Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of Barry County Road Commission's compliance with the provisions of applicable laws, regulations, contracts, and agreements. However, the objective of our audit will not be to provide an opinion on overall compliance and we will not express such an opinion.

Other Services

We will also assist in preparing the financial statements of Barry County Road Commission in conformity with accounting principles generally accepted in the United States of America based on information provided by you.

We will perform the services in accordance with applicable professional standards. The other services are limited to the financial statement services previously defined. We, in our sole professional judgment, reserve the right to refuse to perform any procedure or take any action that could be construed as assuming management responsibilities.

Responsibilities of Management for the Financial Statements

Our audit will be conducted on the basis that you acknowledge and understand your responsibility for designing, implementing, and maintaining internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error, including monitoring ongoing activities; for the selection and application of accounting principles; and for the preparation and fair presentation of the financial statements in conformity with accounting principles generally accepted in the United States of America.

Management is responsible for making drafts of financial statements, all financial records, and related information available to us and for the accuracy and completeness of that information (including information from outside of the general and subsidiary ledgers). You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation, identification of all related parties and all related-party relationships and transactions, and other matters; (2) additional information that we may request for the purpose of the audit; and (3) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence. At the conclusion of our audit, we will require certain written representations from you about the financial statements and related matters.

Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements of each opinion unit taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws and regulations.

You are responsible for the preparation of the supplementary information in conformity with accounting principles generally accepted in the United States of America. You agree to include our report on the supplementary information in any document that contains, and indicates that we have reported on, the supplementary information. You also agree to[include the audited financial statements with any presentation of the supplementary information that includes our report thereon OR make the audited financial statements readily available to users of the supplementary information no later than the date the supplementary information is issued with our report thereon. Your responsibilities include acknowledging to us in the representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

You agree to assume all management responsibilities for the financial statement preparation services and any other nonattest services we provide; oversee the services by designating an individual, preferably from senior management, with suitable skill, knowledge, or experience; evaluate the adequacy and results of the services; and accept responsibility for them.

Barry County Road Commission agrees to indemnify Walker, Fluke & Sheldon, PLC, for any damages, including attorney fees, caused in whole or part, by the Barry County Road Commission's failure to fulfill these responsibilities. Any controversy or claim arising out of or relating to this agreement or breach thereof, shall be settled by arbitration in accordance with the arbitration rules of the American Institute of Certified Public Accountants, and judgment upon the award may be entered in any court having jurisdiction thereof. The party initiating such action will pay for all the expenses of the arbitration.

Engagement Administration, Fees, and Other

We understand that your employees will prepare all cash, accounts receivable, or other confirmations we request and will locate any documents selected by us for testing.

The audit documentation for this engagement is the property of Walker, Fluke & Sheldon, PLC and constitutes confidential information. However, subject to applicable laws and regulations, audit documentation and appropriate individuals will be made available upon request and in a timely manner to State of Michigan or its designee. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Walker, Fluke & Sheldon, PLC personnel. Furthermore, upon request, we may provide copies of selected audit documentation to State of Michigan or its designee. The State of Michigan or its designee may intend or decide to distribute the copies or information contained therein to others, including other governmental agencies.

Dave DeHaan is the engagement partner and is responsible for supervising the engagement and signing the report or authorizing another individual to sign it. We expect to begin our audit on approximately December 2021 and to issue our reports no later than April 2022.

Our fee for services will be at our standard hourly rates plus out-of-pocket costs (such as report reproduction, word processing, postage, travel, copies, telephone, etc.) except that we agree that our gross fee, including expenses, will not exceed $9,000. Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Our invoices for these fees will be rendered each month as work progresses and are payable on presentation. In accordance with our firm policies, work may be suspended if your account becomes 30 days or more overdue and may not be resumed until your account is paid in full. If we elect to terminate our services for nonpayment, our engagement will be deemed to have been completed upon written notification of termination, even if we have not completed our report. You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket costs through the date of termination. The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

Reporting

We will issue a written report upon completion of our audit of Barry County Road Commission's financial statements. Our report will be addressed to the Board of Commissioners of Barry County Road Commission. Circumstances may arise in which our report may differ from its expected form and content based on the results of our audit. Depending on the nature of these circumstances, it may be necessary for us to modify our opinions, add a separate section, or add an emphasis-of-matter or other-matter paragraph to our auditor's report, or if necessary, withdraw from this engagement. If our opinions are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or withdraw from this engagement.

We appreciate the opportunity to be of service to Barry County Road Commission and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please sign the attached copy and return it to us.

Very truly yours,

Walker, Fluke & Sheldon, PLC

RESPONSE:

This letter correctly sets forth the understanding of Barry County Road Commission.

Management signature: _____
Title: Accounting Manager
Date: December 7, 2021

Governance signature: _____
Title: _____
Date: _____

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: BOC 12-14-2021

DEPARTMENT: County Administration

PREPARED BY: Michael Brown, County Administrator

SUBJECT: National Opioid Settlement

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners that Barry County "opt in" the National Opioid Settlement Agreement and authorize Benjamin Geiger, Barry County Board Chair to sign and submit the settlement participation form on behalf of Barry County.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Approval for Barry County to "opt in" to the National Opioid Settlement Agreement and authorize Benjamin Geiger, Barry County Board Chair to sign and submit the settlement participation form on behalf of Barry County.

DESCRIPTION OF ACTION: Please see the attached:

Email from Tim Perrone, (Cohl, Stoker & Toskey) confirming review of the materials related to the National Opioid Settlements.

Email from the Office of Michigan Attorney General regarding an estimate of Barry County's projected settlement amount under the Michigan State-Subdivision Agreement.

Correspondence from the Office of Michigan Attorney General titled "To Local Political Subdivisions: Important Information about the National Opioid Settlement."

National Opioids Litigation Presentation to Michigan Association of Counties by Attorney's Mark Bernstein and Paul Novak.

TIME FRAME OF ACTION: Barry County must sign and submit the settlement participation form before January 2, 2022.

FUNDING REQUIRED: YES_____ NO ___X___

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: NA.
NEW OR RENEWAL: New
ANY OTHER PERTINENT INFORMATION: No.

CONTACT PERSON WITH PHONE NUMBER: Michael Brown, County Administrator, 269.945.1284

Email from the Tim Perrone (Cohl, Stoker & Toskey)

Review of Materials Related to the National Opioid Settlement

Michael Brown

Subject: FW: National Opioids Settlement Notice

From: Tim Perrone <tperrone@cstmlaw.com>
Sent: Tuesday, October 19, 2021 2:31 PM
To: Michael Brown <MBrown@barrycounty.org>; Dave Stoker <dstoker@cstmlaw.com>
Cc: Gwen Kamm <gkamm@cstmlaw.com>
Subject: RE: National Opioids Settlement Notice

Michael:

Dave asked me to respond.

I have reviewed the materials related to the National Opioid Settlements.

Barry County is eligible to opt in to the settlements as a Participating Subdivision of the State of Michigan, and receive annual payments for 18 years to be used for opioid remediation, i.e., a broad array of treatment and prevention programs, in exchange for a release of all claims against the Settling Distributors (McKesson Corporation, Cardinal Health, Inc., and AmerisourceBergen Corporation).

The County's options are to (1) opt in to the settlements and receive payments, (2) opt out and file litigation against the Settling Distributors, or (3) do nothing and receive no payments.

Under all the circumstances, I recommend that the County opt in to the national settlements.

In order to opt in, the County must register on line before the Jan. 2, 2022 deadline.

Please contact me if you have any questions or wish to discuss further.

Timothy M. Perrone
Cohl, Stoker & Toskey, P.C.
(517) 372-9000
tperrone@cstmlaw.com

****

This transmission is intended to be delivered only to the named addressee(s) and may contain information that is confidential, proprietary, attorney work-product or attorney-client privileged. If this information is received by anyone other than the named addressee(s), the recipient should immediately notify the sender by E-MAIL and by telephone (517-372-9000) and obtain instructions as to the disposal of the transmitted material. In no event shall this material be read, used, copied, reproduced, stored or retained by anyone other than the named addressee(s), except with the express consent of the sender or the named addressee(s). Thank you.

Email from the Office of Michigan Attorney General

Estimate of Barry County's Projected Settlement Amount

Michael Brown

Subject: FW: Barry County MI Projected Settlement Amount

From: AG-OpioidLitigation <AG-OpioidLitigation@michigan.gov>
Sent: Friday, November 19, 2021 10:47 AM
To: Michael Brown <MBrown@barrycounty.org>
Subject: RE: Barry County MI Projected Settlement Amount

Good morning Michael,

Thank you for the email. Assuming 100% participation, a conservative estimate of Barry County's projected settlement amount under the Michigan State-Subdivision Agreement is $773,257 over 18 years.

For reference, your registration codes and a link to the registration website are listed below. I have also included links to other settlement resources. If you have any questions, please feel free to contact me.

Registration

Registration website: https://settlement-registration.web.app/

Barry County Registration Code: [redacted]

Barry County Census ID Code: [redacted]

Other Resources

http://www.michigan.gov/agopioids

https://nationalopioidsettlement.com/

Sincerely,
Matt Walker

Correspondence from Office of Michigan Attorney General "To Local Political Subdivisions: Important Information About the National Opioid Settlement"

From: National Opioids Settlement <no-reply@e.nationalopioidsettlement.com>
Sent: Thursday, October 7, 2021 1:37 PM
To: Michael Brown <MBrown@barrycounty.org>
Subject: National Opioids Settlement Notice

NPD CQ-984-356
Michael Brown Administrator
220 W. State St.
Hastings, MI 49058

TO LOCAL POLITICAL SUBDIVISIONS:
IMPORTANT INFORMATION ABOUT THE NATIONAL OPIOID SETTLEMENT.
SUBDIVISIONS MUST SUBMIT SIGNED DOCUMENTATION TO PARTICIPATE.
THE DEADLINE FOR PARTICIPATION TO MAXIMIZE SETTLEMENT BENEFITS IS JANUARY 2, 2022.

If your subdivision is represented by an attorney with respect to opioid claims, please immediately contact them.

SETTLEMENT OVERVIEW

After years of negotiations, two proposed nationwide settlement agreements ("Settlements") have been reached that would resolve all opioid litigation brought by states and local political subdivisions against the three largest pharmaceutical distributors, McKesson, Cardinal Health and AmerisourceBergen ("Distributors"), and one manufacturer, Janssen Pharmaceuticals, Inc., and its parent company Johnson & Johnson (collectively, "Janssen").

The proposed Settlements require the Distributors and Janssen to pay billions of dollars to abate the opioid epidemic. Specifically, the Settlements require the Distributors to pay up to $21 billion over 18 years and Janssen to pay up to $5 billion over no more than 9 years, for a total of $26 billion (the "Settlement Amount"). Of the Settlement Amount, approximately $22.7 billion is earmarked for use by participating states and subdivisions to remediate and abate the impacts of the opioid crisis.

The Settlements also contain injunctive relief provisions governing the opioid marketing, sale and distribution practices at the heart of the states' and subdivisions' lawsuits and further require the Distributors to implement additional safeguards to prevent diversion of prescription opioids.

Each of the proposed Settlements has two key participation steps. First, each state decides whether to participate in the Settlements. Michigan has joined both settlements. Second, the subdivisions within each participating state must then decide whether to participate in the Settlements. Generally, the more subdivisions that participate, the greater the amount of funds that flow to that state and its participating subdivisions. Any subdivision that does not participate cannot directly share in any of the settlement funds, even if the subdivision's state is settling and other participating subdivisions are sharing in settlement funds.

This letter is part of the formal notice required by the Settlements.

WHY IS YOUR SUBDIVISION RECEIVING THIS NOTICE?

You are receiving this letter because Michigan has elected to participate in both of the two national Settlements against (1) the Distributors, and (2) Janssen, and your subdivision may participate in the Settlements. This notice is being sent directly to subdivisions and also to attorneys for subdivisions that we understand are litigating against these companies. If you are represented by an attorney with respect to opioid claims, please immediately contact them. Please note that there is no need for subdivisions to be represented by an attorney or to have filed a lawsuit to participate in the Settlements.

WHERE CAN YOU FIND MORE INFORMATION?

This letter is intended to provide a brief overview of the Settlements. Detailed information about the Settlements may be found at: https://nationalopioidsettlement.com/. This national settlement website also includes links to information about how the Settlements are being implemented in your state and how settlement funds will be allocated within your state. This website will be supplemented as additional documents are created. The Michigan Attorney General's office has also set up a website with resources that may be found at www.mi.gov/agopioids.

HOW DO YOU PARTICIPATE IN THE SETTLEMENTS?

You must go to the national settlement website to register to receive in the coming weeks and months the documentation your subdivision will need to participate in the Settlements (if your subdivision is eligible). All required documentation must be executed and submitted electronically through the website and must be executed using the "DocuSign" service. As part of the registration process, your subdivision will need to identify, and provide the email address for, the individual who will be authorized to sign formal and binding documents on behalf of your subdivision.

Your unique Subdivision Identification Number to use to register is:

HOW WILL SETTLEMENT FUNDS BE ALLOCATED IN EACH STATE?

The settlement funds are first divided among the participating states according to a formula developed by the Attorneys General that considers population and the severity of harm caused by the opioid

epidemic in each participating state. Each state's share of the abatement funds is then further allocated within each state according to agreement between the state and its subdivisions, applicable state allocation legislation, or, in the absence of these, the default provisions in the agreements.

Many states have or are in the process of reaching an agreement on how to allocate abatement funds within the states. Allocation agreements/legislation and other information about Michigan's allocation agreement or legislation can be found on the national settlement website. The allocation section of the website will be supplemented as more intra-state allocation arrangements are finalized. You may also visit Michigan's state-specific website at www.mi.gov/agopioids.

In reviewing allocation information, please note that while all subdivisions may participate in the Settlements, not all subdivisions are eligible to receive direct payments. To promote efficiency in the use of abatement funds and avoid administratively burdensome disbursements that would be too small to add a meaningful abatement response, certain smaller subdivisions do not automatically receive a direct allocation. However, participation by such subdivisions will help maximize the amount of abatement funds being paid in the Settlements, including those going to counties, cities, parishes, and other larger subdivisions in their communities.

To determine your eligibility to receive, directly or indirectly, any of the funds allocated to your state should you elect to participate in the Settlements in which your state participates, you should first visit https://nationalopioidsettlement.com/ to determine if your state has entered into a state-subdivision agreement or has an allocation statute and/or a statutory trust. If so, then the terms of the state-subdivision agreement, allocation statute, and/or statutory trust (as applicable) will govern your eligibility to receive funds directly or indirectly from the share that is allocated to your state under the national settlement agreements. In some states there will be a proposed state-subdivision agreement that is in the process of being adopted by subdivisions. Any questions concerning the status or terms of the state-subdivision agreement, allocation statute, and/or statutory trust in your state, if applicable, can be directed to the Attorney General's Office.

You may be contacted by the Attorney General's Office with additional information regarding the allocation of settlement funds in Michigan. Subdivisions with representation can expect information from their attorneys as well. We encourage you to review all materials and to follow up with any questions. The terms of these Settlements are complex, and we want to be sure you have all the information you need to make your participation decision.

WHY YOU SHOULD PARTICIPATE

A vast majority of states have joined the Settlements, and attorneys for many subdivisions have already announced support for them. For example, the Plaintiffs' Executive Committee, charged with leading the litigation on behalf of more than 3,000 cities, counties and others against the opioid industry, and consolidated in the national multi-district litigation ("MDL") pending before Judge Dan Aaron Polster in the Northern District of Ohio, recommends participation in these Settlements.

Subdivision participation is strongly encouraged, for the following reasons:

First, the amounts to be paid under the Settlements, while insufficient to abate the epidemic fully, will allow state and local governments to commence with meaningful change designed to curb opioid addiction, overdose and death;

Second, time is of the essence. The opioid epidemic continues to devastate communities around the country and it is critical that the funds begin to flow to allow governments to address the epidemic in their communities ***as soon as possible***;

Third, if there is not sufficient subdivision participation in these proposed Settlements, the Settlements will not be finalized, the important business practice changes will not be implemented, the billions of dollars in abatement funds will not flow to communities, and more than 3,000 cases may be sent back to their home courts for trial, which will take many years;

Fourth, the extent of participation also will determine how much money each state and its local subdivisions will receive because approximately half of the abatement funds are in the form of "incentive payments," *i.e.,* the higher the participation of subdivisions in a state, the greater the amount of settlement funds that flow into that state;

Fifth, you know first-hand the effects of the opioid epidemic on your community. Funds from these Settlements will be used to commence abatement of the crisis and provide relief to your citizens while litigation and settlement discussions proceed against numerous other defendants in the opioid industry;

Sixth, because pills do not respect boundaries, the opioid epidemic is a national crisis that needs a national solution.

NEXT STEPS

These Settlements require that you take affirmative steps to "opt in" to the Settlements. If you do not act, you will not receive any settlement funds and you will not contribute to reaching the participation thresholds that will deliver the maximum amount of abatement funds to your state.

First, register your subdivision on the national settlement website so that information and documents required to participate can be sent to you. You will need the email address of the person who will be authorized to sign on behalf of your subdivision. This is the only action item needed at this time.

Second, have your authorizing person(s) or body begin to review the materials on the websites concerning the settlement agreement terms, allocation and other matters. Develop a list of questions for your counsel or the Attorney General's Office. In the very near future, your subdivision will need to begin the process of deciding whether to participate in the proposed Settlements, and subdivisions are encouraged to work through this process well before the January 2, 2022 deadline to be an initial participating subdivision. Again, the Attorney General's Office, your counsel, and other contacts within the state are available to discuss the specifics of the Settlements within your state, and we encourage you to discuss the terms and benefits of the Settlements with them.

Third, monitor your email for further communications, which will include a Participation Agreement, Release, (where applicable) a model Resolution, and instructions on executing and submitting electronically using DocuSign.

We urge you to view the national settlement website and the Michigan Attorney General's website at your earliest convenience. Information and documents regarding the national Settlements and your state allocation can be found on the settlement website at https://nationalopioidsettlement.com/.

The contact person at the Michigan Department of Attorney General is Assistant Attorney General, Matthew Walker. Questions may be directed to AG-OpioidLitigation@michigan.gov.

Unsubscribe

National Opioids Litigation

PowerPoint Presentation to Michigan Association of Counties

Attorney's Mark Bernstein and Paul Novak

National Opioids Litigation

Proposed Partial Settlement with **Johnson & Johnson, Amerisource, Cardinal,** and **McKesson**

Presentation to Michigan Association of Counties

November 19, 2021

THE SAM BERNSTEIN LAW FIRM

Mark J. Bernstein

WEITZ & LUXENBERG

Paul F. Novak

October 31, 2020

Cardinal discloses to shareholders that broad details of a settlement have been reached between State Attorneys General and four opioids litigation defendants:

1. **Johnson & Johnson/Janssen** (an opioids manufacturer);
2. **Amerisource** (an opioids distributor);
3. **Cardinal** (an opioids distributor); and
4. **McKesson** (an opioids distributor).

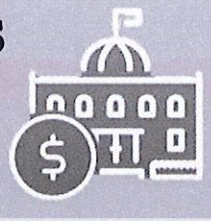
Under the deal, up to $26 billion is to be paid over 18 years to state and local governments, provided that maximum participation in the settlement is obtained.

Significant Aspects of the SETTLEMENT AGREEMENTS

1. Injunctive **Relief**



2. Payments to **State** and **Local Governments**



Injunctive Relief

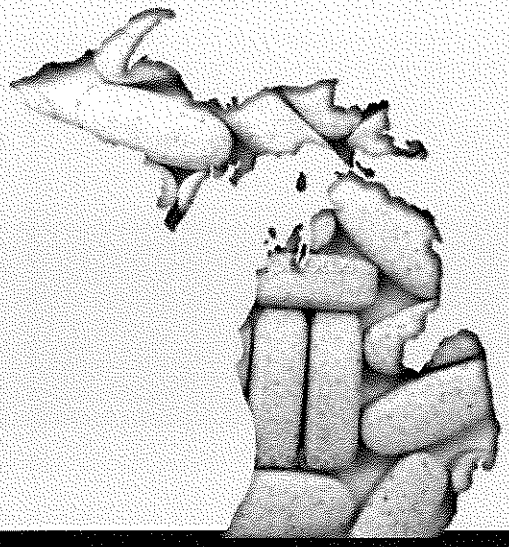
- Johnson & Johnson **discontinues opioid sales** for at least the next 10 years
- Johnson & Johnson **discontinues lobbying activity** concerning opioids
- Establishes a Big Three **Distributor Clearinghouse** for opioids-related transactions

Payments to State and Local Governments

- Approximately **$22.8 billion** in payments to State and Local Governments (if maximum participation is obtained)
- Approximately **3.4%** of which is allocable to Michigan (approximately $776 million)

Default Allocation of Michigan Money

- **15%** to State Government
- **15%** to Local Governments
- **70%** to Statewide Opioid Abatement Fund



<u>However</u>, the default agreement may be replaced with a state-specific agreement.

Michigan State-Specific Agreement

- Instead of 15% to Local Governments, proceeds will be split **50%** to Local Governments, **50%** to the State of Michigan
- From the 50% that is allocated to Local Governments, **deductions** for:
  - Special Circumstance Fund (**5%**)
  - Administrative Expenses (**0.3%**)
  - Attorneys Fees (no more than 15%; **likely about 8%** with remainder paid by National Fee Fund)
- Litigation Adjustments

Why 100% Participation is Important

DISTRIBUTORS: Base and Incentives

Base 55%
Incentives 45%
Net Abatement Amount

Incentives are earned by obtaining releases from subdivisions and limiting additional subdivisions from filing suit.

During the first two years, States that settle are treated as if receiving full base and incentive.

Illustrative only- Executed Agreements Control.

Incentive A

Incentive A provides for payment of all but Incentive D payments in exchange for near full peace.

Incentive A is earned by:

- Passing a Statute or court ruling that terminates existing and bars future claims by subdivisions (including special districts);
- Receiving releases on behalf of (i) all general purpose subdivisions above 10,000 population, (ii) larger school and hospital/health districts, and (iii) all currently litigating subdivisions; or
- A combination of these approaches that results in a complete bar of existing and future claims (e.g., legislation barring future claims combined with 100% participation by litigating subdivisions).

Incentive B

- Incentive B is not relevant if a State earns Incentive A.
- Incentive B is up to 25%.
- Incentive B is earned by obtaining releases from litigating subdivisions.

Incentive B Sliding Scale:

Participation or Case-Specific Resolution Levels	Incentive B Award
85%	30%
86-90%	40%
91-94%	50%
95-99%	60%
99-99.9%	95%
100%	100%

Not structured in time periods, as with Incentive B under the J&J Agreement.

Incentive C

- Incentive C is not relevant if a State earns Incentive A.
- Incentive C is up to 15%.
- Incentive C is earned by getting larger (population of 30,000) non-litigating and any-sized litigating counties and cities to join the deal.

Incentive C Sliding Scale:

Participation, Release, or Resolution Levels	Incentive C Award
60-69%	25%
70-74%	35%
75-79%	40%
80-84%	45%
85-89%	55%
90-92%	60%
93%	65%
94%	75%
95-97%	90%
98-99%	95%
100%	100%

There is no timing element.

Incentive D

5% share of the State's total Abatement Fund allocation (see page 20). Payable starting in year 6 through year 18.

Qualifying Criteria

- State must have had no later Litigating Subdivisions bring suit and proceed past preliminary motions.

Why 100% Participation is Important

JOHNSON & JOHNSON: Base and Incentives

Base 45%

Incentives 55%

Global Settlement Abatement Amount

Incentives are earned by obtaining releases from subdivisions and limiting additional subdivisions from filing suit.

Illustrative only- Executed Agreements Control.

Incentive A

Incentive A provides for payment of all but Incentive D payments in exchange for near full peace.

Earning Incentive A also causes substantial payments, the first three years of payments, accelerated and paid within 90 days.

Incentive A is earned by:

- Passing a Statute or court ruling that terminates existing and bars future claims by subdivisions (including special districts);
- Receiving releases on behalf of (i) all general purpose subdivisions above 10,000 population, (ii) larger school and hospital/health districts, and (iii) all currently litigating subdivisions; or
- A combination of these approaches that results in a complete bar of existing and future claims (e.g., legislation barring future claims combined with 100% participation by litigating subdivisions).

Incentive B

- Incentive B is not relevant if a State earns Incentive A.
- Incentive B is up to 30%.
- Incentive B is earned from obtaining releases from litigating subdivisions.

Incentive B Sliding Scale:

Participation or Case-Specific Resolution Levels	Incentive B Award
75%	50%
76%	52%
77%	54%
78%	56%
79%	58%
80%	60%
85%	70%
90%	80%
95%	90%
100%	100%

Timing element
Incentive B is structured in time periods and states will receive a percentage of sliding scale payments depending on when they reach 75% of litigating subdivisions signed on: (a) 0-210 days = 100% of sliding scale; (b) 211-365 = 75% of sliding scale; and (c) 366-2 years from effective date = 50% of sliding scale.

Incentive C

- Incentive C is not relevant if a State earns Incentive A.
- Incentive C is up to 20%. It breaks Incentive C in two parts.
- Incentive C is earned by getting larger (population of 30,000) litigating and non-litigating counties and cities to join the deal. 5% is awarded for obtaining a State's ten largest general purpose subdivisions (cities and counties).

Incentive C Sliding Scale:

Participation, Release, or Resolution Levels	Incentive C(1) Award
60%	40%
70%	45%
80%	50%
85%	55%
90%	60%
91%	65%
92%	70%
93%	80%
94%	90%
95%	100%

There is no timing element.

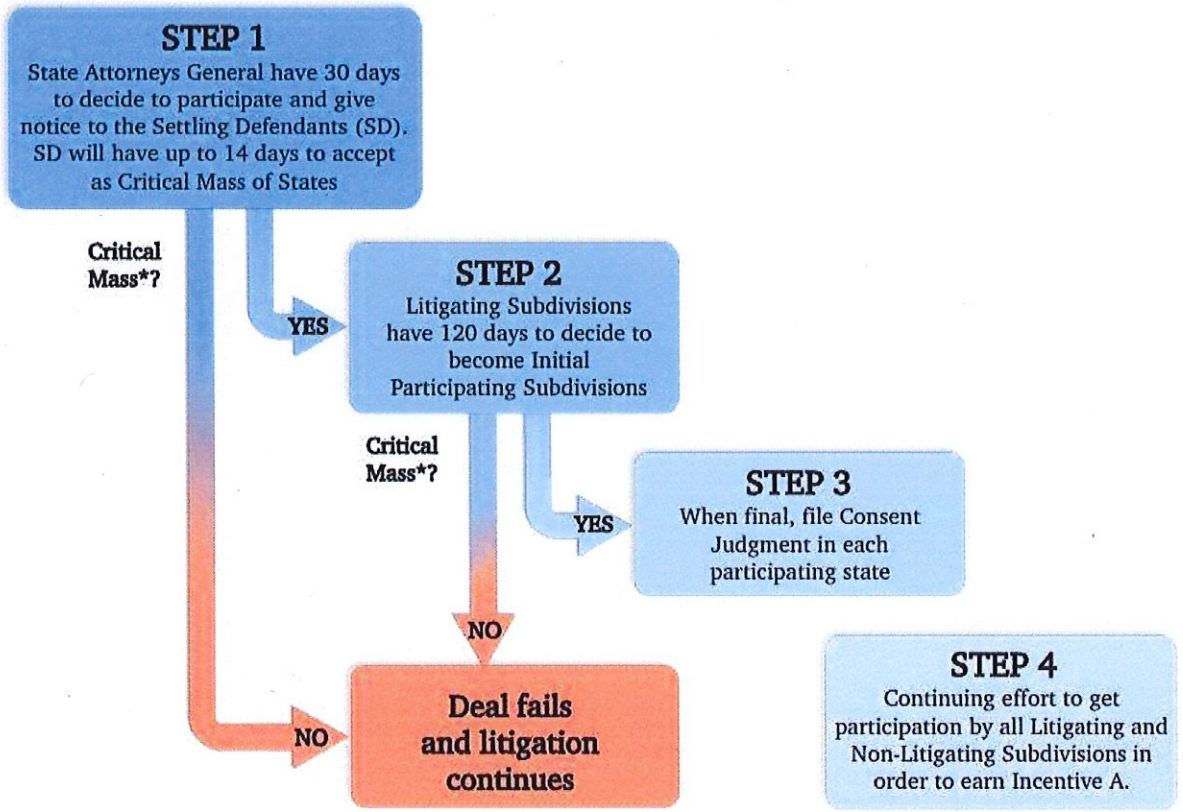
Incentive D

5% share of the State's total Abatement Fund allocation (see page 20). Payable starting in year 6 through year 18.

Qualifying Criteria

- State must have had no later Litigating Subdivisions bring suit and proceed past preliminary motions in the 5 years following the Effective Date.

Implementation



*Sole discretion of Distributors & J&J

2021.07.22 Subject to Update & Correction/Executed Agreements Control

How Does My County Participate?

1. **Register**
   on national settlement website to **receive participation agreements** for Distributor and Janssen Settlement Agreements; and

2. **Sign and submit**
   settlement participation agreements **before January 2**

How Does My County Register?

1. Go to the following website: **https://nationalopioidsettlement.com**
2. Click on the link: "**Update: Subdivisions Register Here to Receive Participation Agreements for Distributor and Janssen Settlement Agreements**" in the yellow box on the above website's homepage
3. This will open a form on a new tab, on which you will fill out the following information:
   - **State:** Michigan
   - **Political Subdivision:** _____ County / City of _____
   - **Registration Code:** Unique for each City/County

How Does My County Register?

4. Click the "**Verify Registration Code**" button at the bottom of the form after completing Step 3

5. Follow the remaining steps to **complete registration**

   *Please be prepared to include information as to the **designated representative** authorized to receive and sign paperwork on behalf of your political subdivision

How Does My County Sign Onto The Settlements?

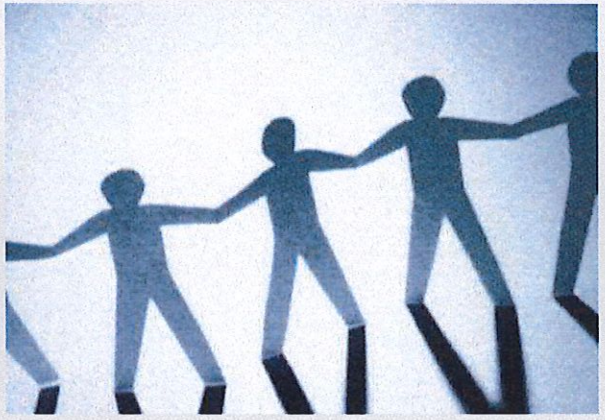
- Once you have registered, you will receive **TWO Settlement Participation Agreements** (One for Janssen and one for the Distributors)
- You **must fill out <u>BOTH</u> of the Participation Agreements** and follow the instructions to submit them
- They must be submitted **<u>BEFORE JANUARY 2, 2022</u>**
- **ANY County may participate** in the settlement, even if that county never brought a lawsuit

How May the Funds Be Used?

- Governed by "**opioid remediation**" as defined in the Distributor and Janssen Settlements
- Guided by "Exhibit E" of the **Distributor and Janssen Settlements**
- **Opioid Use Disorder** (OUD) Treatment
- Treatment and **Recovery Support**
- **Connecting People** to Help
- Address Needs of **Criminal Justice-Involved Persons**

How May the Funds Be Used?

- Address Needs of **Pregnant Women**, **Infants**, and **Parents**
- **Prevention**
- First Responder **Support**
- **Leadership** Planning
- **Training**
- **Research**



When Will My County Receive Money?

Payment #1
as early as
April 2022

Payment #2
as early as
July 2022

Subsequent payments will be
received annually in July.

How Much Money Will My County Receive?

- Nonlitigating Local Governments:
  - Contact **Matthew Walker**, Assistant Attorney General
    - **AG-OpioidLitigation@michigan.gov**
- Litigating Local Governments:
  - Contact your attorneys

RESOURCES

- **www.mi.gov/agopioids**
- **www.nationalopioidsettlement.com**
  - Full copy of Janssen Settlement Agreement
  - Full copy of Distributor Settlement Agreement
  - Frequently Asked Questions
  - Local Government Registration Information

Barry County Programs



In Barry County, Community Action is proud to provide several vital programs. These include:

Barry County 2020 Impact

- Paid $64,279 in utility assistance among 65 households.

- Paid $42,893 in rental assistance among 29 households.

- 31 staff employed in Barry County.

- 181 volunteers and parents completed $401,277 in In-Kind activities, such as volunteering or donating, for the Education and Children's Services department.

- 10 homes received $54,452 in weatherization updates.

- 7 Foster Grandparents volunteered in 5 early childhood education centers, totaling $24,187.

- 47 test passed, 6 graduates in our GED Program.

- Seniors received 1,422 Commodities Supplemental Food Program (CSFP) boxes, valuing $ 71,100 non-perishable food items.

- Residents ages 18 and up received 533 boxes of food through The Emergency Food Assistance Program (TEFAP), valuing $26,650.

- 117 children attended Head Start, totaling $933,007 in services.

- 73 children attended Early Head Start, totaling $747,459 in services.

Grand Total Spent in Barry County
$2,365,304

- Head Start- provides a quality preschool education to children who are 3 and 4-years-old. Head Start is available free of charge.

- Early Head Start- supports infants and toddlers ages birth to 3-years-old as they begin the first stages of learning. This full-day childcare setting provides families an opportunity to focus on school or work.

- Expectant Mothers- promotes the physical and mental health of expectant mothers, infants, and toddlers, and overall family stability.

- Foster Grandparent Program- pairs seniors ages 55 and older with children in classrooms. This helps seniors to stay active and involved in their communities, while giving the child a mentor and one-on-one opportunities in the classroom. Volunteers receive a small hourly stipend.

- GED Preparation- provides services for GED preparation. These students will be evaluated and provided with tutoring to match their skill level. Tutoring options included classroom sessions, one-on-one tutoring, and online preparation.

- Weatherization - provides services which help to reduce energy use and, in turn, lower utility bills.

- Emergency Utility Assistance - helps to pay utility bills for low-income families. Bills such as water, electric, and gas, and deliverable fuels are included in this program.

- Walk for Warmth - raises funds and awareness for families who struggle to afford heating costs in the winter. Funds raised assist with deliverable fuels, metered gas, or electric.

- Commodities - gives qualifying clients a box, valuing about $50 of non-perishable food items during select months through The Emergency Food Assistance Program (TEFAP) and Commodities Supplemental Food Program (CSFP).

Community Action is dedicated to helping people achieve and maintain independence.

CommunityAction
175 Main Street
Battle Creek, MI 49014

Questions? Contact us at **1-877-422-2726**, or visit us online at www.caascm.org.

Serving Barry, Branch, Calhoun, Kalamazoo, and St. Joseph Counties since 1966

Community Action is an equal opportunity employer, equal opportunity provider .

12/14/2021				
		PRE-PAID INVOICES		
(First Meeting of the Month Only)				**$5,921,300.12**
		CLAIMS		
				$45,092.27
		COMMISSIONER MILEAGE		
				$57.46

12/01/21		
From: Karen S. Barnes, First Deputy Clerk		
Re: November 2021 Prepaid Invoices		
	FUND #	AMOUNT
General Fund	101	$ 117,634.85
Central Dispatch Fund	205	$ 66,230.44
Charlton Park Fund	208	$ 10,411.37
Friend of the Court Fund	215	$ 575.94
Solid Waste Fund	228	$ 1,895.65
Remonumentation Fund	236	$ 7,200.00
Building Rehab Fund	248	$ 113,330.00
Park & Recreation Fund	250	$ 4,050.58
Indigent Defense Fund	261	$ 22.98
Commission on Aging Fund	275	$ 18,891.68
CDBG Fund	276	$ 9,271.00
Swift & Sure Sanctions Program Fund	281	$ 780.03
56B Sobriety Court Fund	282	$ 1,403.51
Community Corrections Fund	283	$ 3,473.48
Adult Drug Court Fund	285	$ 1,601.88
Michigan Justice Training Fund	287	$ 1,148.80
Child Care Fund	292	$ 14,201.90
Airport Fund	295	$ 38,271.06
2019 Delinquent Taxes Fund	509	$ 1,802.56
Thornapple Manor Fund	512	$ 3,998,293.94
Transit Fund	588	$ 20,603.54
Commissary Fund	595	$ 6,673.43
Data Processing Fund	637	$ 4,876.41
Telephone Fund	660	$ 3,480.07
Health Insurance Fund	677	$ 155,648.91
Disability Fund	678	$ 416.25
Life Insurance Fund	681	$ 9,458.11
Dental/Optical Fund	683	$ 7,350.09
Trust & Agency Fund	701	$ 829,420.66
Drain Fund	801	$ 375,374.25
Drain Maintenance Fund	804	$ 966.79
Gun Lake Weed Assessment Fund	843	$ 96,439.96
Algonquin Lake Maintenance Fund	852	$ 100.00
GRAND TOTAL		**$ 5,921,300.12**

Document Totals by Fund

Fund	Debits	Credits	Net
101 General	31,402.47	96.82	31,305.65
249 Capital Replacement	11,484.79	0.00	11,484.79
256 Reg Of Deeds	2,240.87	0.00	2,240.87
295 Airport	60.96	0.00	60.96
Grand Total:	45,189.09	96.82	45,092.27

Account	Vendor	Description	Invoice	Amount	PO Num
101-101	**COMMISSIONERS**				
727-000	STAPLES	Commissioners/Supplies	3492408141	26.72	
727-000	STAPLES	Commissioners/Coffee	3492721540	34.58	
		Sub Total 101-101 COMMISSIONERS		**61.30**	
101-140	**TRIAL COURT CRIMINAL & CIVIL**				
727-000	SCHIPPER, MICHAEL	Criminal/Civil/courtroom clock	3510	189.74	
727-000	OFFICE DEPOT	Criminal/Civil/supplies	20988038001	32.59	
727-000	OFFICE DEPOT	Criminal/Civil/supplies	209888514001	21.28	
727-000	OFFICE DEPOT	District supplies	207517919001	94.30	
727-000	OFFICE DEPOT	Circuit supplies	208069598001	52.98	
727-000	OFFICE DEPOT	Circuit Supplies	208070321001	12.19	
807-000	NATIONAL ASSOCIATION FOR COURT	Criminal/Civil/I.Straube membership	3509	135.00	
861-000	STRAUBE, INES	Criminal/Civil/Travel meals	3511	233.64	
982-000	ICLE	Criminal/Civil/Courtroom evidence	777624	108.50	
		Sub Total 101-140 TRIAL COURT CRIMINAL & CIVIL		**880.22**	
101-211	**LEGAL COUNSEL**				
806-100	COHL, STOKER, & TOSKEY, P.C.	Legal Counsel/Pro services	52851	6,115.21	
		Sub Total 101-211 LEGAL COUNSEL		**6,115.21**	
101-215	**CLERK**				
727-000	EBCO COMPANY, THE	Clerk/2022 year labels	021212	307.50	
727-000	STAPLES	Clerk/Suppliess	8064305160	113.41	
		Sub Total 101-215 CLERK		**420.91**	
101-225	**EQUALIZATION**				
727-000	QUILL CORPORATION	Equalization/Office supplies	20890629	28.76	
		Sub Total 101-225 EQUALIZATION		**28.76**	
101-243	**LAND INFORMATION SERVICES**				
861-000	SHINAVIER, DAVID	LIS/Travel	21-70	48.72	
		Sub Total 101-243 LAND INFORMATION SERVICES		**48.72**	

Account	Vendor	Description	Invoice	Amount	PO Num
101-265	**BUILDING & GROUNDS**				
777-000	BEHRENS LIMITED LLC	BLDG & Grounds/Misc custodial	1763	406.00	
		Sub Total 101-265 BUILDING & GROUNDS		**406.00**	
101-275	**DRAIN COMMISSIONER**				
748-000	QUILL CORPORATION	Drain/Toner	20924509	36.99	
934-000	QUILL CORPORATION	Drain/toner	20924509	100.00	
		Sub Total 101-275 DRAIN COMMISSIONER		**136.99**	
101-299	**MISCELLANEOUS**				
816-140	SPECTRUM HEALTH - PENNOCK	Misc./employ physical/English	716057	134.00	
		Sub Total 101-299 MISCELLANEOUS		**134.00**	
101-301	**SHERIFF'S DEPARTMENT**				
727-000	STAPLES ADVANTAGE, DEPT- DET	Sheriff/paper	8064346636	202.45	
727-000	OFFICE DEPOT	Sheriff/Shipping tape	203393948001	12.33	
727-000	OFFICE DEPOT	Sheriff/Flags/Clips/Pens	203384780001	49.75	
727-000	OFFICE DEPOT	Sheriff/Calendars/Storage boxes	209759732001	271.28	
727-000	CARTRIDGE WORLD	Sheriff/Toner	54557	479.08	
729-000	BARRY COUNTY SHERIFF, PETTY CASH FUNE	Sheriff/Jail/Postage	21-8711	5.10	
737-000	TRACTOR SUPPLY, DEPT 30-1203283880	Sheriff/Dog food Grizzly :)	994718	27.99	
744-000	NYE UNIFORM CO	Sheriff/Uniform pants	794978	54.50	
744-000	NYE UNIFORM CO	Sheriff/coat/Blundell	795889	129.50	
745-000	BARRY COUNTY SHERIFF, PETTY CASH FUNE	Sheriff/Fuel	21-8711	60.81	
807-000	FAMILY SUPPORT CENTER	Sheriff/membership/Frazer	111521	50.00	
813-000	SPARTA CLEANERS	Sheriff/Uniform dry cleaning	15868	126.15	
861-000	BARRY COUNTY SHERIFF, PETTY CASH FUNE	Sheriff/Bridge tolls	21-8711	8.00	
933-000	GOLDWORTHY'S INC.	SHeriff/Towing 2014 tahoe	325815	145.00	
957-000	BARRY COUNTY SHERIFF, PETTY CASH FUNE	Sheriff/trng meals	21-8711	26.68	
		Sub Total 101-301 SHERIFF'S DEPARTMENT		**1,648.62**	
101-331	**MARINE**				
932-000	AXON ENTERPRISE INC.	Marine/Taser cartridges-5	25029	355.30	
932-000	GUN COLONY COOPERATIVE	Marine/Dock	115	185.00	

Account	Vendor	Description	Invoice	Amount	PO Num
			Sub Total 101-331 MARINE	**540.30**	
101-334	**COURT SECURITY**				
813-000	BARRY COUNTY SHERIFF, PETTY CASH FUNI	Court Security/Dry cleaning	21-8711	15.12	
			Sub Total 101-334 COURT SECURITY	**15.12**	
101-351	**JAIL**				
742-000	EDS BREADS	Jail/Bread	835813	76.40	
742-000	GORDON FOOD SERVICE, INC.	Jail/Food	214667122	80.24	
742-000	GORDON FOOD SERVICE, INC.	Jail/Food	214667115	1,676.50	
742-000	GORDON FOOD SERVICE, INC.	Jail/Food	764404201	63.77	
742-000	GORDON FOOD SERVICE, INC.	Jail/Food	214487696	3,470.61	
742-000	GORDON FOOD SERVICE, INC.	Jail/Credit	15868388	-9.53	
742-000	GORDON FOOD SERVICE, INC.	Jail/Credit	15868389	-10.92	
742-000	GORDON FOOD SERVICE, INC.	Jail/Credit	15868386	-13.99	
742-000	GORDON FOOD SERVICE, INC.	Jail/Credit	15868390	-48.92	
742-000	GORDON FOOD SERVICE, INC.	Jail/Credit	15868387	-1.81	
742-000	GORDON FOOD SERVICE, INC.	Jail/Credit	15882620	-11.65	
742-000	PRAIRIE FARMS DAIRY	Jail/Milk	9027190	127.88	
742-000	PRAIRIE FARMS DAIRY	Jail/Milk	9035670	190.71	
742-000	PRAIRIE FARMS DAIRY	Jail/Milk	9044147	156.30	
744-000	GALLS LLC	Jail/Defense spray	019613051	131.73	
747-000	GORDON FOOD SERVICE, INC.	Jail/	214667121	20.08	
747-000	GORDON FOOD SERVICE, INC.	Jail/Supplies	21487683	8.66	
777-000	CINTAS	Jail/Misc	4101307270	150.61	
777-000	ULINE, ACCTS RECEIVABLE	Jail/Supplies	140569065	1,187.31	
835-000	SPECTRUM HEALTH	Jail/Brian Health Oct	21-407	529.32	
835-000	SPECTRUM HEALTH	Jail/	92812096667	435.46	
835-000	SPECTRUM HEALTH	Jail/	92812130537	75.00	
835-000	HASTINGS PHARMACY	Jail/Inmate scripts	3508	5,886.17	
835-000	CHERRY STREET SVCS INC.	Jail/Elwen s.	213581	20.00	
931-000	HASTINGS ACE HARDWARE	Jail/Misc	2362413	83.88	
931-000	HASTINGS ACE HARDWARE	Jail/Service fee	2364870	2.50	
931-000	KEYES REFRIGERATION INC.	Jail/Cooler work	93034	184.59	
931-000	ULINE, ACCTS RECEIVABLE	Jail/Misc.	140825665	3,046.77	
931-000	ULINE, ACCTS RECEIVABLE	Jail/Misc	141376876	272.95	

Account	Vendor	Description	Invoice	Amount	PO Num
101-351	**JAIL**	**(Continued)**			
932-000	KEYES REFRIGERATION INC.	Jail/fixed cooler	92969	2,895.96	
957-000	BARRY COUNTY SHERIFF, PETTY CASH FUNI	Sheriff/trnsp meals	21-8711	9.53	
			Sub Total 101-351 JAIL	**20,686.11**	
101-355	**ANIMAL CONTROL - SHERIFF**				
835-000	BROADWAY VETERINARY	Animal Control Rabies prep/Ship	21-1692	146.39	
			Sub Total 101-355 ANIMAL CONTROL - SHERIFF	**146.39**	
101-400	**PLANNING**				
807-000	PLANNING & ZONING NEWS	Planning/subscription	3-2021	37.00	
			Sub Total 101-400 PLANNING	**37.00**	
			Total 101 GENERAL FUND	**31,305.65**	
249-000	**DEPT**				
980-000	INTERPHASE	Capital Replacement/remaining balance	4633	11,484.79	
			Sub Total 249-000 DEPT	**11,484.79**	
			Total 249 CAPITAL REPLACEMENT	**11,484.79**	
256-236	**REGISTER OF DEEDS**				
980-000	TYLER TECHNOLOGIES INC.	Reg of Deeds/Management	025-0005257a	854.17	
980-000	AUTOMATED MERCHANT SYSTEMS LLC, ATTN	Reg. of Deeds/Terimination fee	67--2021	1,137.83	
980-000	GOVERNMENT FORMS & SUPPLIES	Reg of Deeds/Envelopes	0330722	248.87	
			Sub Total 256-236 REGISTER OF DEEDS	**2,240.87**	
			Total 256 REGISTER OF DEEDS AUTOMATION FUND	**2,240.87**	
295-895	**AIRPORT**				
931-000	HASTINGS ACE HARDWARE	Airport/Valve	2371010	32.98	
931-000	HASTINGS ACE HARDWARE	Airport/Copper tube cutter	2371772	27.98	
			Sub Total 295-895 AIRPORT	**60.96**	
			Total 295 AIRPORT FUND	**60.96**	

Account	Vendor	Description	Invoice	Amount	PO Num
			Grand Total	45,092.27	

Bank code : 001

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
219205	11/29/2021	055420 AUTOMATED MERCHANT SYSTEMS LLC	67--2021		REG. OF DEEDS/TERIMINATION FE	1,137.83
					Total :	**1,137.83**
219206	11/29/2021	051747 AXON ENTERPRISE INC.	25029		MARINE/TASER CARTRIDGES-5	355.30
					Total :	**355.30**
219207	11/29/2021	004010 BARRY COUNTY SHERIFF, PETTY CASH	21-8711		SHERIFF/JAIL/POSTAGE	125.24
					Total :	**125.24**
219208	11/29/2021	045777 BEHRENS LIMITED LLC	1763		BLDG & GROUNDS/MISC CUSTODI	406.00
					Total :	**406.00**
219209	11/29/2021	005936 BROADWAY VETERINARY	21-1692		ANIMAL CONTROL RABIES PREP/S	146.39
					Total :	**146.39**
219210	11/29/2021	049816 CARTRIDGE WORLD	54557		SHERIFF/TONER	479.08
					Total :	**479.08**
219211	11/29/2021	052475 CHERRY STREET SVCS INC.	213581		JAIL/ELWEN S.	20.00
					Total :	**20.00**
219212	11/29/2021	048180 CINTAS	4101307270		JAIL/MISC	150.61
					Total :	**150.61**
219213	11/29/2021	007717 COHL, STOKER, & TOSKEY, P.C.	52851		LEGAL COUNSEL/PRO SERVICES	6,115.21
					Total :	**6,115.21**
219214	11/29/2021	046899 EBCO COMPANY, THE	021212		CLERK/2022 YEAR LABELS	307.50
					Total :	**307.50**
219215	11/29/2021	050532 EDS BREADS	835813		JAIL/BREAD	76.40
					Total :	**76.40**
219216	11/29/2021	007257 FAMILY SUPPORT CENTER	111521		SHERIFF/MEMBERSHIP/FRAZER	50.00
					Total :	**50.00**
219217	11/29/2021	038926 GALLS LLC	019613051		JAIL/DEFENSE SPRAY	131.73

Bank code : 001

Voucher	Date	Vendor		Invoice	PO #	Description/Account	Amount
219217	11/29/2021	038926	038926 GALLS LLC	(Continued)		**Total :**	**131.73**
219218	11/29/2021	038690	GOLDWORTHY'S INC.	325815		SHERIFF/TOWING 2014 TAHOE	145.00
						Total :	**145.00**
219219	11/29/2021	014300	GORDON FOOD SERVICE, INC.	15868386		JAIL/CREDIT	-13.99
				15868387		JAIL/CREDIT	-1.81
				15868388		JAIL/CREDIT	-9.53
				15868389		JAIL/CREDIT	-10.92
				15868390		JAIL/CREDIT	-48.92
				15882620		JAIL/CREDIT	-11.65
				214487696		JAIL/FOOD	3,470.61
				214667115		JAIL/FOOD	1,676.50
				214667121		JAIL/	20.08
				214667122		JAIL/FOOD	80.24
				21487683		JAIL/SUPPLIES	8.66
				764404201		JAIL/FOOD	63.77
						Total :	**5,223.04**
219220	11/29/2021	052768	GOVERNMENT FORMS & SUPPLIES	0330722		REG OF DEEDS/ENVELOPES	248.87
						Total :	**248.87**
219221	11/29/2021	045550	GUN COLONY COOPERATIVE	115		MARINE/DOCK	185.00
						Total :	**185.00**
219222	11/29/2021	034865	HASTINGS ACE HARDWARE	2362413		JAIL/MISC	83.88
				2364870		JAIL/SERVICE FEE	2.50
				2371010		AIRPORT/VALVE	32.98
				2371772		AIRPORT/COPPER TUBE CUTTER	27.98
						Total :	**147.34**
219223	11/29/2021	050301	HASTINGS PHARMACY	3508		JAIL/INMATE SCRIPTS	5,886.17
						Total :	**5,886.17**
219224	11/29/2021	018052	ICLE	777624		CRIMINAL/CIVIL/COURTROOM EVI	108.50
						Total :	**108.50**
219225	11/29/2021	041900	INTERPHASE	4633		CAPITAL REPLACEMENT/REMAINI	11,484.79

Bank code : 001

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
219225	11/29/2021	041900 041900 INTERPHASE	(Continued)		**Total :**	**11,484.79**
219226	11/29/2021	052383 KEYES REFRIGERATION INC.	92969		JAIL/FIXED COOLER	2,895.96
			93034		JAIL/COOLER WORK	184.59
					Total :	**3,080.55**
219227	11/29/2021	054405 NATIONAL ASSOCIATION FOR COURT	3509		CRIMINAL/CIVIL/I.STRAUBE MEMBE	135.00
					Total :	**135.00**
219228	11/29/2021	025800 NYE UNIFORM CO	794978		SHERIFF/UNIFORM PANTS	54.50
			795889		SHERIFF/COAT/BLUNDELL	129.50
					Total :	**184.00**
219229	11/29/2021	025966 OFFICE DEPOT	203384780001		SHERIFF/FLAGS/CLIPS/PENS	49.75
			203393948001		SHERIFF/SHIPPING TAPE	12.33
			209759732001		SHERIFF/CALENDARS/STORAGE B	271.28
					Total :	**333.36**
219230	11/29/2021	025967 OFFICE DEPOT	207517919001		DISTRICT SUPPLIES	94.30
			208069598001		CIRCUIT SUPPLIES	52.98
			208070321001		CIRCUIT SUPPLIES	12.19
			20988038001		CRIMINAL/CIVIL/SUPPLIES	32.59
			209888514001		CRIMINAL/CIVIL/SUPPLIES	21.28
					Total :	**213.34**
219231	11/29/2021	041630 PLANNING & ZONING NEWS	3-2021		PLANNING/SUBSCRIPTION	37.00
					Total :	**37.00**
219232	11/29/2021	029500 PRAIRIE FARMS DAIRY	9027190		JAIL/MILK	127.88
			9035670		JAIL/MILK	190.71
			9044147		JAIL/MILK	156.30
					Total :	**474.89**
219233	11/29/2021	028400 QUILL CORPORATION	20890629		EQUALIZATION/OFFICE SUPPLIES	28.76
			20924509		DRAIN/TONER	136.99
					Total :	**165.75**
219234	11/29/2021	046522 SCHIPPER, MICHAEL	3510		CRIMINAL/CIVIL/COURTROOM CLO	189.74

Bank code : 001

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
219234	11/29/2021	046522 046522 SCHIPPER, MICHAEL	(Continued)		Total :	**189.74**
219235	11/29/2021	030908 SHINAVIER, DAVID	21-70		LIS/TRAVEL	48.72
					Total :	**48.72**
219236	11/29/2021	047926 SPARTA CLEANERS	15868		SHERIFF/UNIFORM DRY CLEANING	126.15
					Total :	**126.15**
219237	11/29/2021	053246 SPECTRUM HEALTH	21-407		JAIL/BRIAN HEALTH OCT	529.32
			92812096667		JAIL/	435.46
			92812130537		JAIL/	75.00
					Total :	**1,039.78**
219238	11/29/2021	050665 SPECTRUM HEALTH - PENNOCK	716057		MISC./EMPLOY PHYSICAL/ENGLISH	134.00
					Total :	**134.00**
219239	11/29/2021	053592 STAPLES	3492408141		COMMISSIONERS/SUPPLIES	26.72
			3492721540		COMMISSIONERS/COFFEE	34.58
			8064305160		CLERK/SUPPLIESS	113.41
					Total :	**174.71**
219240	11/29/2021	046235 STAPLES ADVANTAGE, DEPT- DET	8064346636		SHERIFF/PAPER	202.45
					Total :	**202.45**
219241	11/29/2021	032780 STRAUBE, INES	3511		CRIMINAL/CIVIL/TRAVEL MEALS	233.64
					Total :	**233.64**
219242	11/29/2021	050364 TRACTOR SUPPLY, DEPT 30-120328388(	994718		SHERIFF/DOG FOOD GRIZZLY :)	27.99
					Total :	**27.99**
219243	11/29/2021	046743 TYLER TECHNOLOGIES INC.	025-0005257a		REG OF DEEDS/MANAGEMENT	854.17
					Total :	**854.17**
219244	11/29/2021	049536 ULINE, ACCTS RECEIVABLE	140569065		JAIL/SUPPLIES	1,187.31
			140825665		JAIL/MISC.	3,046.77
			141376876		JAIL/MISC	272.95
					Total :	**4,507.03**

Bank code : 001

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
40	Vouchers for bank code : 001				Bank total :	45,092.27
40	Vouchers in this report				Total vouchers :	45,092.27

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: 12/14/21 BOC

DEPARTMENT: Drain Commissioner

PREPARED BY: Jim Dull

SUBJECT: Resolution Pledging The Full Faith And Credit Of The County Of Barry, Within Constitutional Limitations, For The Payment of the Crooked Brook Intercounty Drain note, Not to Exceed $1,275,000. Barry County's portion is 49% and Eaton County's portion is 51% of this note. Eaton County Drain Commissioner will also present this same resolution to their Board of Commissioners.

SPECIFIC ACTION(S) REQUESTED:
To recommend to the Board of Commissioners adoption of Resolution #21-27, Pledging the Full Faith and Credit to Crooked Brook Intercounty Drain Bonds.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only): Adoption of Resolution #21-27, Pledging the Full Faith and Credit to Crooked Brook Intercounty Drain Bonds.

DESCRIPTION OF ACTION:
The Crooked Brook Intercounty Drain Drainage District will be financing the costs of acquiring and constructing for a maintenance petition at Crooked Brook Intercounty Drain Project.

TIME FRAME OF ACTION: Immediate.

FUNDING REQUIRED: YES_____ NO ___x_____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: N/A

NEW OR RENEWAL: New

ANY OTHER PERTINENT INFORMATION: N/A

CONTACT PERSON WITH PHONE NUMBER: Jim Dull 945-1385

Resolution

RESOLUTION PLEDGING FULL FAITH AND CREDIT TO CROOKED BROOK INTERCOUNTY DRAIN BONDS

Minutes of a regular meeting of the Board of Commissioners of Barry County, Michigan, held on December 14, 2021, at 9:00 a.m., local time.

PRESENT: Commissioners:

ABSENT: Commissioners:

The following resolution was offered by Commissioner _____ and supported by Commissioner _____:

WHEREAS, pursuant to a petition filed with the Drain Commissioner of the County of Barry, State of Michigan, proceedings have been taken under the provisions of Act 40, Public Acts of Michigan, 1956, as amended (the "Act"), for the making of certain improvements to the Crooked Brook Intercounty Drain (the "Project"), which is being undertaken by the Crooked Brook Intercounty Drain Drainage District (the "Drainage District"); and

WHEREAS, pursuant to the Act, the Drainage Board intends to issue the Drainage District's bond or bonds (the "Bonds"), in one or more series, in the aggregate principal amount of not to exceed $1,275,000 bearing interest at a rate not to exceed 6.0% per annum, and maturing within the maximum terms permitted by law, in anticipation of the collection of an equal amount of special assessments against property and public corporations in the counties of Barry and Eaton, said special assessments to be duly confirmed as provided by the Act; and

WHEREAS, the Computation of Cost for the Project sets forth an estimated cost of $1,275,000 to be allocated between the County of Barry and the County of Eaton as provided below; and

WHEREAS, fifty-one percent (51%) of the cost of the Project has been apportioned by the Drainage Board to the County of Eaton and forty-nine percent (49%) of the cost of the Project has been apportioned by the Drainage Board to the County of Barry (the "County"); and

WHEREAS, the Drainage Board deems it advisable and necessary to request that this Board adopt a resolution pledging the limited tax full faith and credit of the County on the Bonds to the extent of special assessments assessed against property and public corporations in the County and the State of Michigan; and

WHEREAS, the Project is necessary to protect and preserve the public health; and

WHEREAS, the pledge of the full faith and credit of the County to the Bonds will reduce the cost of financing the Project and will be a benefit to the people of the County.

NOW, THEREFORE, IT IS RESOLVED as follows:

1. Pursuant to the authorization provided in Section 276 of the Act, the Barry County Board of Commissioners, by a majority vote of its members elect, does hereby irrevocably pledge the full faith and credit of the County for the prompt payment of the principal of and interest on the Bonds, to the extent of special assessments against property and public corporations in the County and assessments against the State of Michigan, to the extent apportioned to the County, and does agree that in the event that the property owners or public corporations in the Drainage District or the State of Michigan shall fail or neglect to account to the

County Treasurer of the County of Barry for the amount of any special assessment installment and interest (in anticipation of which the Bonds are issued), when due, then the amount thereof shall be immediately advanced from County funds, and the County Treasurer is directed to immediately make such advancement to the extent necessary. The ability of the County to levy taxes to pay its share of the principal of and interest on the Bonds shall be subject to constitutional and statutory limitations on the taxing power of the County.

2. In the event that, pursuant to said pledge of full faith and credit, the County advances out of County funds sums to pay any part of the principal of and interest due on the Bonds, the County Treasurer, for and on behalf of the County, shall take all actions and proceedings and pursue all remedies permitted or authorized by law for the reimbursement of such sums so paid.

3. The Chairperson of the Board, the County Administrator, the County Clerk, the County Treasurer and any other official of the County, or any one or more of them ("Authorized Officers"), are authorized and directed to take all actions necessary or desirable for the issuance of the Bonds and to execute any documents or certificates necessary to complete the issuance of the Bonds, including, but not limited to, any applications including the Michigan Department of Treasury, Application for State Treasurer's Approval to Issue Long-Term Securities, any waivers, certificates, receipts, orders, agreements, instruments, and any certificates relating to federal or state securities laws, rules, or regulations, including a certificate of the County to comply with the continuing disclosure undertaking of the County with respect to the Bonds pursuant to paragraph (b)(5) of SEC Rule 15c2-12 issued under the Securities Exchange Act of 1934, as amended, and to participate in the preparation of a preliminary official statement and a final official statement for the Bonds and to sign such documents on behalf of the County and give any approvals necessary therefor.

4. This resolution shall become effective only if the Board of Commissioners of the County of Eaton adopts a resolution substantially in the form of this resolution that pledges the limited tax full faith and credit of the County of Eaton to the payment of the principal of and interest on the Bonds when due to the extent of its apportioned share of the cost of the Project

5. All resolutions and parts of resolutions are, to the extent of any conflict with this resolution, rescinded to the extent of the conflict.

Benjamin D. Geiger, Chairperson
Barry County Board of Commissioners

Pamela A. Palmer
Barry County Clerk

YEAS: Commissioners:
NAYS: Commissioners:
ABSTAIN: Commissioners:

RESOLUTION DECLARED ADOPTED.

CERTIFICATION

I, Pamela A. Palmer, the duly qualified and acting Clerk of Barry County, Michigan (the "County") do hereby certify that the foregoing is a true and complete copy of a resolution adopted by the Board of Commissioners at a meeting held on December 14, 2021, the original of which is on file in my office. Public notice of said meeting was given pursuant to and in compliance with Act 267, Public Acts of Michigan, 1976, as amended.

Pamela A. Palmer, County Clerk
County of Barry

Dated: _____, 2021

Adopted 12/14/21

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: BOC, December 14, 2021

DEPARTMENT: Barry County Transit

PREPARED BY: William Voigt

SUBJECT: Resolution of Intent to file for FY2023 State Formula Operating Assistance.

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners adoption of Resolution #21-28, Resolution of Intent to File for State Operating Assistance for Fiscal Year 2023.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only): Adoption of Resolution #21-28, Resolution of Intent to File for State Operating Assistance for Fiscal Year 2023.

DESCRIPTION OF ACTION: Authorize the Resolution of Intent to File for State Operating Assistance under Act 51 of the Public acts of 1951 as amended, for Barry County Transit Fiscal Year 2023.

TIME FRAME OF ACTION: Prior to January 1, 2022

FUNDING REQUIRED: YES_____ NO ___X___

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____NONE_____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual,etc.) __NONE
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:____N/A_____

PERSONNEL IF REQUIRED: None

NEW OR RENEWAL: New FY2023 Resolution of Intent

ANY OTHER PERTINENT INFORMATION: See attached resolution.

CONTACT PERSON WITH PHONE NUMBER:
William Voigt
1216 W. State St. Hastings, MI 49058
269 948 8174

12/14/21
Res. #21-28

Michigan Department
Of Transportation
3078

FY 2023 RESOLUTION OF INTENT

The approved resolution of intent to apply for state formula operating assistance for fiscal year 2023 under Act 51 of the Public Acts of 1951, as amended.

WHEREAS, pursuant to Act 51 of the Public Acts of 1951, as amended (Act 51), it is necessary for the Barry County Board of Commissioners **(hereby known as THE APPLICANT) established under Act** 94 **to provide a local transportation program for the state fiscal year of 2023 and, therefore, apply for state financial assistance under provisions of Act 51; and**

WHEREAS, it is necessary for the governing body, to name an official representative for all public transportation matters, who is authorized to provide such information as deemed necessary by the State Transportation Commission or department for its administration of Act 51; and

WHEREAS, it is necessary to certify that no changes in eligibility documentation have occurred during the past state fiscal year; and

WHEREAS, the performance indicators have been reviewed and approved by the governing body.

WHEREAS, THE APPLICATION , has reviewed and approved the proposed balance (surplus) budget, and funding sources of estimated federal funds $ 268,809 **estimated state funds $** 522,467 **estimated local funds $** 798,399 **with total estimated expenses of $** 1,498,885

(Note: Local funds include fare box and any other local revenue)

NOW THEREFORE, be it resolved that THE APPLICANT hereby makes its intentions known to provide public transportation services and to apply for state financial assistance with this annual plan, in accordance with Act 51; and

HEREBY, appoints William Voigt **as the Transportation Coordinator, for all public transportation matters, who is authorized to provide such information as deemed necessary by the State Transportation Commission or department for its administration of Act 51 for 2023**

I, Pamela Palmer **(Name)** Barry County Clerk **(Secretary/Clerk) of THE Applicant , having custody of the records and proceedings of THE APPLICANT, does hereby certify that I have compared this resolution adopted by THE APPLICANT at the meeting of** December **20** 21 **with the original minutes now on file and of record in the office and that this resolution is true and correct.**

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed seal of said _____ **, this** _____ **day of** _____ **A.D 20** _____

SIGNATURE

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: BOC, December 14, 2021

DEPARTMENT: Emergency Management

PREPARED BY: Jim Yarger

SUBJECT: 2021 Barry County Hazard Mitigation Plan Adoption

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners adoption of Resolution #21-29 to adopt the 2021 Barry County Hazard Mitigation Plan and authorize the chair and emergency management coordinator to sign.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Adoption of Resolution #21-29 to adopt the 2021 Barry County Hazard Mitigation Plan and authorize the chair and emergency management coordinator to sign.

DESCRIPTION OF ACTION: Once the 2021 Barry County Hazard Mitigation Plan has been adopted, we will start the FEMA review/approval process.

TIME FRAME OF ACTION: ASAP

FUNDING REQUIRED: YES NO X

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local)_____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.) None
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS: _____

PERSONNEL IF REQUIRED:

NEW OR RENEWAL: New

ANY OTHER PERTINENT INFORMATION: See attached resolution and 2021 Hazard Mitigation Plan.

CONTACT PERSON WITH PHONE NUMBER: Jim Yarger 269-953-0788

Barry County Board of Commissioners
Resolution #21-29

Resolution

RESOLUTION TO ADOPT THE 2021 BARRY COUNTY HAZARD MITIGATION PLAN

WHEREAS, the Mission of Barry County Emergency Management includes protecting the health, safety, and general welfare of the people of Barry County; and

WHEREAS, the County of Barry, Michigan is subject to flooding, tornadoes, winter storms, and other natural, technological, and human hazards; and

WHEREAS, the Barry County Hazard Mitigation Plan Advisory Committee, comprised of representatives from the County, municipalities, and stakeholder organizations, has prepared a recommended Hazard Mitigation Plan that reviews the options to protect people and reduce damage from these hazards; and

WHEREAS, the County of Barry has participated in the planning process for development of this Plan, providing information specific to local hazard priorities, encouraging public participation, identifying desired hazard mitigation strategies, and reviewing the draft Plan; and

WHEREAS, Barry County Emergency Management, together with Environmental Testing and Consulting, has developed the BARRY COUNTY HAZARD MITIGATION PLAN (the "Plan") as an official document of the County and established a County Hazard Mitigation Coordinating Committee, pursuant to the Disaster Mitigation Act of 2000 (PL-106-390) and associated regulations (44 CFR 210.6); and

WHEREAS, the Plan has been widely circulated for review by the County's residents, municipal officials, and state, federal, and local review agencies and has been revised to reflect their concerns;

NOW THEREFORE BE IT RESOLVED, by the Barry County Board of Commissioners, Michigan, this 14th day of December 2021 that approval be, and is hereby granted authorizing the adoption of the Barry County Hazard Mitigation Plan as an official plan of the County of Barry, Michigan; and

BE IT FURTHER RESOLVED, that the Barry County Emergency Management Coordinator is charged with supervising the implementation of the Plan's recommendations, as they pertain to the County of Barry, and within the funding limitations as provided by the Barry County Board of Commissioners or other sources.

Passed by the Barry County Board of Commissioners on December 14, 2021.

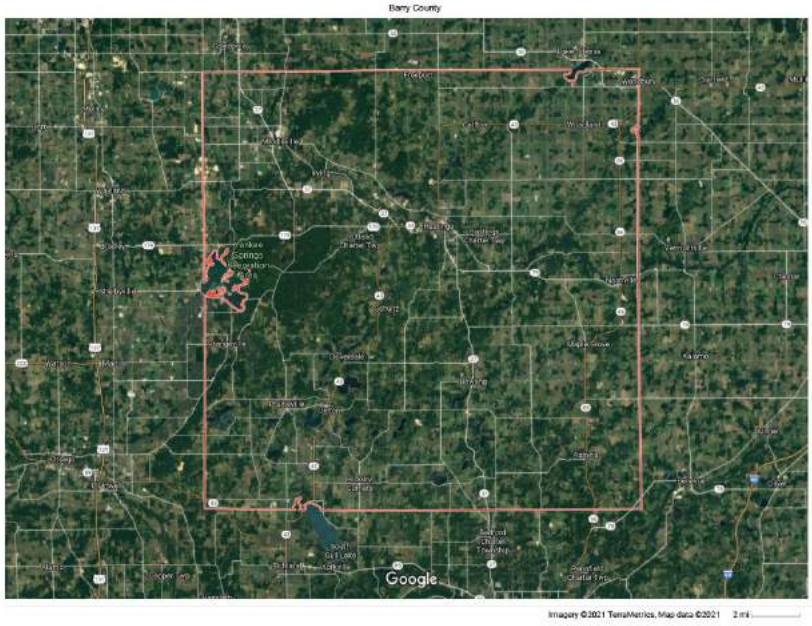
Jim Yarger
Barry County Emergency Management Coordinator

Benjamin D. Geiger, Chairperson
Barry County Board of Commissioners

Adopted 12/14/21

HAZARD MITIGATION PLAN

BARRY COUNTY, MICHIGAN



NOVEMBER 2021

etc
environmental testing & consulting

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1.0 INTRODUCTION

Federal: FEMA has updated the Hazard Mitigation Plan (HMP) Review Guides Policy (Title 44 CFR Part 201). More specifically, the State Mitigation Plan Review Guide Policy Part 201.4 and 201.5 was updated in March 2015, and Part 201.6 the **Local** Mitigation Plan Review Guide in October 2011. There are many types of manmade and natural hazards. The frequencies of hazardous events, variations, and locations of these hazards can be anticipated – even predicted at times – and it is the responsibility of local governments to take reasonable steps to protect the population from injury and death. Many hazards are natural occurrences; however, human error or malicious intent can play a role in creating hazards.

State: Michigan Hazard Mitigation Plan was updated in April 2019, by Michigan State Police, Emergency Management and Homeland Security and provides a state profile of Michigan's diversified economy and land use patterns of the 83 Counties in Michigan; agriculture, manufacturing, tourism (Gilmore Car Museum, Yankee Springs Recreation Area, and Gun Lake fishing), services, and professional trades. Michigan has 19 airports with one (1) in Barry County, Hastings Airport – 9D9 with public use and is 2.48 miles NW of the City of Hastings. Michigan will always be threatened by natural hazards due to its geographic location and seasonal conditions. Barry County is considered Rural area in comparison with the other counties in Michigan and notes how important Rural areas are to Michigan.

Barry County: Managing hazards involves a comprehensive effort to prepare for, recover from, and mitigate man-made and natural crisis. Barry County (576 mi^2) has planned for pre-disaster mitigation, which includes identifying land use, demographic, environmental, and other constituents that need protection from hazards to help reduce or eliminate vulnerability. The County received a pre- disaster mitigation grant from the Michigan State Police, Emergency Management Division to assist in the process.

Mitigation planning is a collaborative process, which identifies hazards, assesses susceptibility, and develops methods to eliminate or offset the effects of hazards. An inventory of potential and existing harms is helpful to prevent disasters, and successfully mitigating hazards chiefly depends on actions taken prior to a disaster occurring. This Hazard Mitigation Plan is an appendix of Barry County's Master Plan (currently in update process) and provides an account of suspected and known hazardous circumstances. Specific mitigation actions are incorporated in the Action Strategies section of this Plan.

As a part of the development of the Community Profile for the Barry County Master Plan, community officials speaking for their associated local unit of government were interviewed, in part, to assess hazards in individual jurisdictions. The County conducted additional research on hazards to gauge potential harms. In addition, several community input processes were utilized to gain more knowledge about the circumstances facing the County. The following paragraphs discuss possible hazards that may affect Barry County communities. The assessment is arranged by natural, technological, and manmade-related hazards.

Changes from 2005: Barry County has added three (3) very low-level hazards and upgraded one (1) very low hazard from the previous HMP; Pandemic due to COVID-19 (10% probability), Nitrogen in drinking water wells (30% probability), downwind 50 miles from Palisades Nuclear Power Plants (per FEMA 2013 emergency planning zones), and upgrade civil disturbances (1% probability).

2.0 PLANNING PROCESS

This Hazard Mitigation Plan Update represents the culmination of work by numerous local residents and local officials from the previously approved HMP in 2005, and input from officials, currently. It reflects deep concern for the effective protection of quality of life, property, the environment, and life in Barry County. The plan outlines the preferred future and a set of comprehensive strategies to better preserve life and property in the community.

This Plan was updated in response to a desire in the community to strengthen responsiveness to existing and recurring hazards, to identify potential hazards, and to prepare for and mitigate these hazards, and to be considered eligible for federal and state funding, when available. The fundamental purpose of the Hazard Mitigation Plan is to enable the County's emergency management and planning staff to establish a future direction for the County's protection of its resources. Once officially adopted and maintained, this Plan will serve as a guide for the physical protection of population and property and the implementation of the grant received.

Because of constant change in our social and economic structure, recent terror events, and timeless weather-related threats, this Plan attempts to convey contemporary trends while maintaining long range protection goals. This Plan will be effective to the degree that it:

- Reflects the needs of the citizens of Barry County;
- Interprets and reflects past and present hazard events; and
- Inspires consensus and cooperation among the various public agencies and the citizens of the County toward achieving common goals.

2.1 Plan Methodology

The planning process involved four inter-related phases:

Hazard Analysis. The County, to the best of its ability based on information available, sought data on hazard events to support the HMP. The purpose of this effort was to develop a comprehensive impression of the patterns of occurrences and the challenges that have impacted the County in the past.

Vulnerability Assessment. The County is dedicated to expressive citizen input, and involved the public and various emergency and hazard mitigation agencies to evaluate the County's vulnerability to specific hazards, including seasonal conditions, and local hazard and loss estimations.

Goals and Objectives. The objective of the third phase was to establish a policy basis for the County's planning and emergency activities related to hazard mitigation. These policy statements will serve as a foundation for implementing grant funds. For instance, update

programs include, the Building Resilient Infrastructure and Communities (BRIC) grant developed in 2018 for mitigation funding to improve egress from flooding roads by constructing drainage areas using Riprap (HUD and FEMA cost share, CDBG – Disaster Recovery (DR) funds). The National Mitigation Investment Strategy was developed in August 2019, and the Rehabilitation of High Hazard Potential Dams in 2019.

Action Strategies (Hazard Mitigation). The final phase of the process involved the development of specific action strategies to carry out the Plan, which can tap into Federal HUD and FEMA updated programs and State Programs to assist with implementing Action Strategies using cost share, where property owners share a small part of the cost. Non-Point Source (NPS) programs are available from the State for reducing Nitrogen and Phosphorous from groundwater (with Barry Conservation District's approved Thornapple River Watershed Management Plan dated June 2016). With approval of the HMP update, Barry County will be eligible for federal and state funding to increase protection from natural and manmade hazards, however the state usually chooses 12 projects per year for the NPS program.

2.2 Community Input

Representatives of Barry County's jurisdictions had participated in the process of the approved HMP of 2005, and incumbents were offered communications to provide input in 2021 during the planning process of the update HMP 2021 via Virtual meetings, emails, Questionnaire forms, and phone communications in lieu of in-person contact and meetings due to the COVID-19 Pandemic. On June 30, 2021, Barry County rescinded the Emergency status to comply with the State's, Open Meetings Act, to allow more public availability to County meetings and input, and had their first in-person meeting on July 16, 2021, with a moving memorial statement to those whom have lost loved-ones from the Pandemic, a sign of the true and deep care of Barry County officials; the emergency status was to be extended to December 31, 2021, but was voted to be rescinded. Incidentally, a Pandemic is added to this HMP update; 10% of the population of Barry County was directly impacted from the Pandemic, and more were corollary-impacted (secondary causes) from the Pandemic. Barry County is in the process of updating the County Master Plan with a potential shopping district in downtown City of Hastings, and modifications to zoning near Bay Pointe Inn on Gun Lake and Orangeville Township from rural to mixed residential and commercial use.

The historical Masters Advisory Group and Jurisdiction representatives officials list was updated to reflect persons input for the people of Barry County; Township Supervisors, Village Presidents, Barry County Municipalities, Board of Commissioners, Gun Lake Tribe of Pottawatomi Indians (Match E Be Nash She Wish Band of Bodewademi), Land Use Planners, Barry-Eaton County Health Department, Law Enforcement, City Police, County Sheriffs, Fire Service City and County Fire Departments, Farmland Preservation, MSU Extension Services, Barry County Intermediate School Districts (buildings can be used in emergencies), Utility companies, and County Governmental Administrations (includes Schools). A Questionnaire Form was sent to the officials for Community Input (Please see Appendix A).

Barry County published the plan for outreach of the public meeting and hearing for the HMP update contents on August 18, 2021, and circulated notices using the Barry County website and the local newspaper, Hastings Banner. Barry County is somewhat unique in that local municipalities are under the planning and zoning of the County.

The following provides the planning and zoning layout for the County:

Local Planning and Zoning	Barry County Planning and Zoning
City of Hastings	Irving Township
Thornapple Township	Orangeville Township
Prairieville Township	Barry Township
Hope Township	Carlton Township
Rutland Charter Township	Hastings Township
Yankee Springs Township	Baltimore Township
Village of Woodland	Johnstown Township
Village of Nashville	Assyria Township
Village of Freeport	Woodland Township
Village of Middleville	Maple Grove Township
	Castleton Township

2.3 Acknowledgements

The corroboration of Barry County Officials has been instrumental in its success with many thanks and acknowledgements to community residents and public officials:

Name	**Title**	**Designee**	**Represented Agency Name**
Jeff Pratt	Police Chief	Law Enforcement	Hastings City Police Dept.
Dar Leaf	Sheriff	Law Enforcement	Barry County Sheriff Dept.
Jim Yarger	Emergency County Coordinator	Fire Service and Emergency Mgmt	Barry County Emergency Management
Jim McManus	Planning Director	County Planning	Barry County Planning
	Manager	Gun Lake Protective Society	Gun Lake Protective Association
Sarah Nelson	Administrator	Barry Conservation District	Barry Conservation District
Colette Scrimger	Health Officer	Public Health	Barry-Eaton District Health Dept.
Jimmie Woodall	Medical Director	Public Health	Barry-Eaton District Health Dept.
E. Thompson	Emergency Preparedness Coordinator	Public Health	Barry-Eaton District Health Dept.
Jim Dull	Drain Commissioner	Vision 20/20	Barry County Drain Commission
Brant Mitchell	Emergency Mgmt/ Safety Manager	Tribal Cultural Resources	Gun Lake Tribe of Pottawatomi Indians
Brad Lamberg	Managing Director	Public Works	Barry County Road Commission
Name	**Title**	**Designee**	**Represented Agency Name**
Michael C. Brown	County Administrator	Governmental Adm.	County of Barry
Willie Doolittle	President	Communications	Barry County Amateur Radio Association

Gregg Guetschow	Interim City Manager	County and City Governments	County of Barry and City of Hastings
Bonnie Getty	President/CEO	Farmland Preservation	Barry County Farmland
Howard Gibson	Commissioner	Board of Commissioners	District 1 City of Hastings
Catherine Getty	Commissioner	Board of Commissioners	District 2 Thornapple Twp Yankee Springs
David Jackson	Commissioner	Board of Commissioners	District 3 Barry Twp Hope Twp Rutland Twp
Jon Smelker	Commissioner	Board of Commissioners	District 4 Carlton Twp, Irving Twp Rutland Twp Thornapple Twp
Ben Geiger	Chair-Commissioner	Board of Commissioners	District 5 Carlton Twp Castleton Twp Hastings Twp Woodland Twp Village of Nashville
Vivian Conner	Vice Chairperson, Commissioner	Board of Commissioners	District 6 Orangeville Twp Prairieville Twp Yankee Springs Twp
Bruce Campbell	Commissioner	Board of Commissioners	District 7 Assyria Twp Baltimore Twp Maple Grove Twp Johnstown Twp
Steve Allen	Vice President	Four Township Water Resources Council	Richland Twp Vice President
Michelle Skedgell	Executive Director	Pierce Cedar Creek Institute	Pierce Cedar Creek Institute
Sara Lien Edelman	Communications Coordinator	Pierce Cedar Creek Institute	Pierce Cedar Creek Institute
Erin Moore	District 7 Director	MSU Extension Service	MSU Extension Service
Valerie Christofferson	Director of Economic Development	Utilities	CMS Energy Co.
Chris		Utilities	Morgan Electrical Services, Inc.
Jennifer Heinzman	President/ CEO	Barry County Economic Development Alliance	Barry County Economic Development Alliance
Nichole Lyke	Coordinator	Barry County Economic Development Alliance	Barry County Economic Development Alliance
D. Boulter	Interim City Manager	Governmental Admin.	City of Hastings
Richard Franklin	BC-ISD Administrator	Barry County School District	Barry County Intermediate School District
Michigan DNR	Forest Fire Manager	Jeff Corser	MDNR-Forestry Division
Local News		Public Outreach	Barry Amateur Radio Station

3.0 VULNERABILITY ASSESSMENTS

3.1 Evaluation Criteria

In addition to the discussion in the succeeding chapter, a controlled community input process was implemented in June 2021 to refine estimated vulnerability to the hazards affecting Barry County and for inclusion into emerging issues due to changes in FEMA, and the COVID-19 Pandemic. The following discussion introduces specific hazards, the harms they pose, and frequency of occurrence. The Vulnerability Assessment discloses the hazards ranked by the community as the most hazardous to Barry County with the community input available in Section 2.0.

Weighted Average. Using a weighted average process of ranking hazard aspects, participants concluded that the following hazard aspects were pertinent, and important, for Barry County to consider when ranking vulnerabilities (Please See Appendix B).

- Likelihood of Occurrence (20%)
- Potential for Causing Casualties (20%)
- Percent of Population Affected (18%)
- Capacity to Cause Physical Damages (15%)
- Duration of Threat from Hazard (15%)
- Corollary Effects (causing other hazards) (12%)

3.2 Hazard Ratings

Hazards were ranked on a scale of 1 to 10 and subsequently rated based on a calculation of the ranking multiplied by the weight (or percentage above). Complete results are disclosed in Appendix C and summarized in Figure 1. Community members rated the following as the County's top five (5) hazards in rank order (see Appendix C for Hazard Type Ratings):

- Winter Weather Hazards
- Hazardous Material Incidents – Transport
- Terrorism/Sabotage (small scale)
- War/ Nuclear Attach/WMD (large scale)
- Extreme Temperature

Figure 1. Community-Ranked Hazard Matrix

HAZARD THREAT

Natural Hazards (Rank)	Man-made Hazards (Rank)
Winter Weather Hazards (High)	Hazardous Materials Incidents - Transportation (High)
Extreme Temperatures (High)	Terrorism/Sabotage – Small Scale (High)
	War/Nuclear Attack/WMD- Large Scale (High)
Lightning (Significant)	Structural Fires (Significant)
Severe Winds (Significant)	Hazardous Materials Incidents – Site (Significant)
Riverine Flooding (Significant)	
Tornadoes (Low)	Infrastructure Failures (Low)
Drought (Low)	Pipeline Accidents – Oil/gas (Low)
Wildfires (Low)	
Hail (Very Low)	Transportation Accidents – Emergency (Very Low)
	Civil Disturbance (Very Low)
	Scrap Fire Tires (Very Low)
	Dam Failures (Very Low)
	Pandemic (Very Low)
	Livestock Operations (Nitrogen-impact) (Very Low)

4.0 NATURAL HAZARDS

4.1 Floods

Floods are devastating to public and private property, essential utilities, roadways, agricultural lands, bridges, and emergency services. Thornapple Watershed, Thornapple River is 88.1 miles long and runs through the center of Barry County westwards to Grand River. Frequent flooding occurs within the Thornapple River Watershed that covers approximately 80% of Barry County with Thornapple River ranging from east to west towards Grand Rapids, MI (Kent County). Barry County has experienced an increase in development near Grand Rapids, MI, which can play a role in increased volume of runoff, which places stress on subwatershed creeks and rivers. Through Barry County, eleven (11) of the 24 subwatersheds are sub–Thornapple River Watersheds and identified below:

From East to West subwatersheds:

- Headwaters of Mud Creek
- Mud Creek (409 acres and 30 feet deep)
- Thornapple Lake,
- Quaker Brook,
- Butler Creek,
- High Bank Creek (Fine, Mill, Long and Bristol Lake chain),
- Cedar Creek (Wall Lake),
- Fall Creek (Jones, Wilkinson, Cloverdale and Long Lake chain),
- Glass Creek (Guernsey Lake),
- Algonquin Lake (on Sand Creek),
- Turner Creek, and
- Duncan Creek (Duncan Lake).

Thornapple River Watershed has an approved Management Plan that was developed by Barry Conservation District in June 2016 and is approved by the State, therefore is eligible for grants (i.e. Non-Point Source (NPS) program) from Michigan EGLE. On May 4, 2009, FEMA published Barry County, Michigan (All Jurisdictions) Flood Insurance Study and provided new zones for certain areas and revised Yankee Township Map in September 2013 to increase the area (AE Zone-1% Annual FP) around Gun Lake (consisting of 2,660 acres); one of the largest lakes in Michigan's lower peninsula and located in Yankee Springs and Orangeville Township and crosses the county line (Please see Maps for FEMA LOMR for Yankee Township on following pages for Gun Lake).

A snapshot in time, on monitoring Thornapple River near the City of Hastings, Michigan, can be seen from the US Geological Survey Waterwatch location of USGS04117500 that states the flood stage constant is 7 feet for this location. The below table provides information for June 10, 2021, USGS Waterwatch https://waterwatch.usgs.gov/?m=real&r=mi&w=map:

USGS04117500 Thornapple River near Hastings, MI

Date – current:	6/10/2021
Drainage area:	385 mi^2
Discharge:	124 cfs
Stage:	3.03 ft^2
Flood Stage	7 ft
Percentile	13.14%
Length of Record	75 years
% Normal (median)	59.05%
% Normal (mean)	39.56%

Flood Stage 9.79 ft with 5,640 cfs discharge in 2018 and 9.74 ft with 5,530 cfs discharge in 2004

Close to Flood Stage on March 5, 2021 with Stage at 4.66 and 1,000 cfs.

Since 2017, Delton area, Jordan Lake and Thornapple River has seen flooding events causing the Drain Commission to apply and receive permits from the State to lower lake levels and pump waters from one location to another. On May 7, 2018, the Watson Drain Drainage District significantly increased the drainage area to encompass Barry Township, Hope Township, Orangeville Township, and Prairieville Township (Please see Map of District with Added Lands). Precipitation in Barry County; Wettest year was 2008, **2019**, and **2011**: [NOAA, County Ranking]

Table 2. No. of Flooded Structures Removed (FEMA info, only)

Year	Precipitation	No. Structures Removed
2009	38.51 inches	233 structures flooded
2010	33.38 inches	135 structures flooded
2011	**45.58 inches**	**66 structures flooded**
2012	32.70 inches	46 structures flooded
2013	42.99 inches	47 structures flooded
2014	36.84 inches	55 structures flooded
2015	34.89 inches	33 structures flooded
2016	41.34 inches	27 structures flooded
2017	41.35 inches	34 structures flooded
2018	42.57 inches	38 structures flooded
2019	**46.13 inches**	**18 structures flooded**
2020	37.23	25 structures flooded
2021 Jan	1.41	11 structures flooded to April

The cost expenditure and loss of the tabulated structures was not readily available, and the table above does not reflect homes and structures lost that were not reported to FEMA, since 2009. The FEMA LOMA data was reviewed and sorted to find areas of **repetitive loss**, and no repetitive losses were found for these areas reported in the table above (The complete Master List comprised from FEMA Letters of Map Amendments (LOMA) sorted by Community documents is provided in Appendix D). However, the Michigan HMP of 2019 lists 36 properties with repetitive loss from 2001 for Barry County.

Legend

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 2000'

1000 0 2000 FEET

600 0 600 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0150C

FIRM

FLOOD INSURANCE RATE MAP

BARRY COUNTY, MICHIGAN (ALL JURISDICTIONS)

PANEL 150 OF 500

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
THORNAPPLE, TOWNSHIP OF	260630	0150	C
YANKEE SPRINGS, TOWNSHIP OF	260883	0150	C

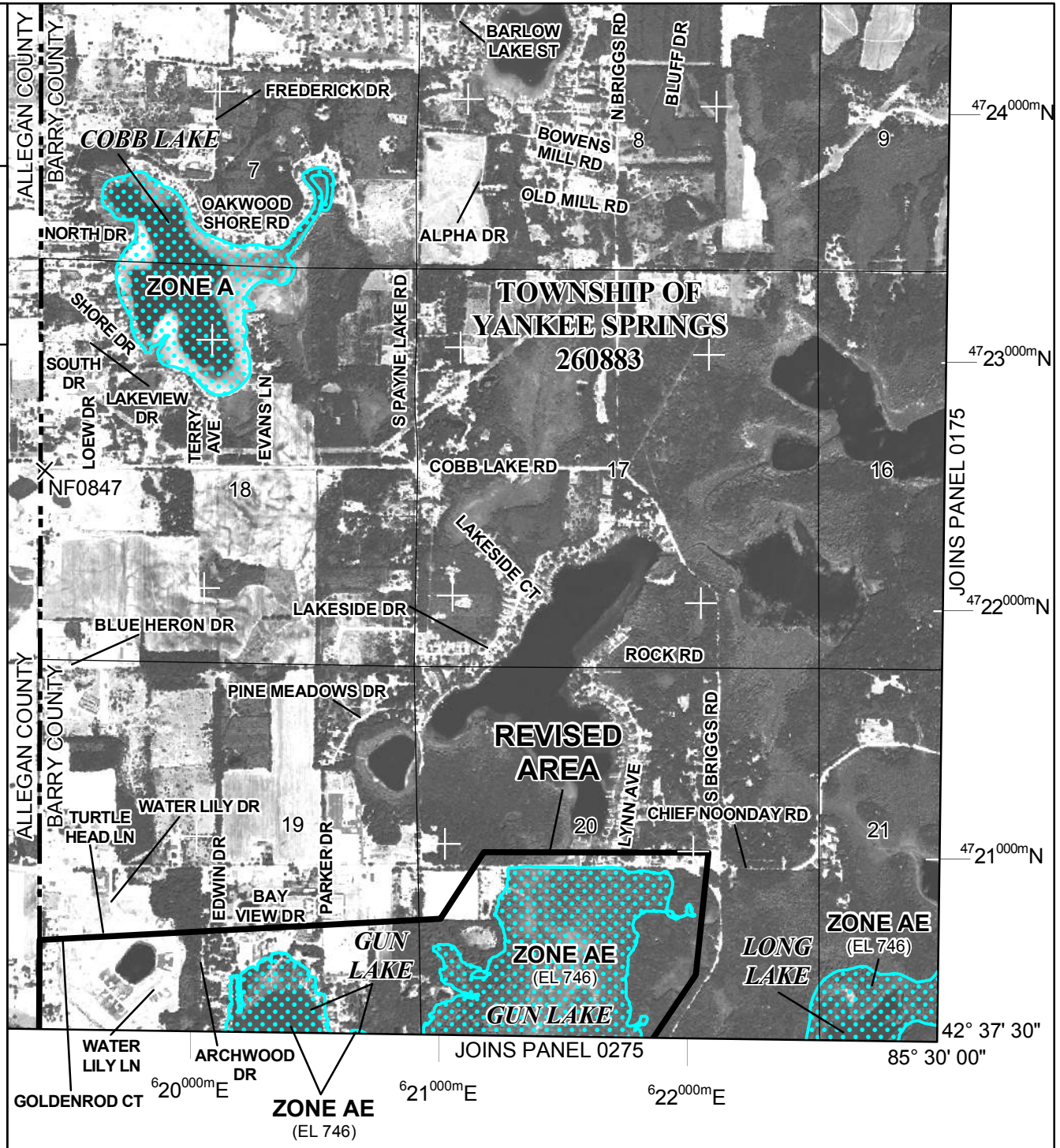
REVISED TO REFLECT LOMR EFFECTIVE SEPTEMBER 16, 2013

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER 26015C0150C

EFFECTIVE DATE MAY 4, 2009

Federal Emergency Management Agency



Legend

1% annual chance (100-Year) Floodplain

1% annual chance (100-Year) Floodway

0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 2000'

1000 0 2000 FEET

600 0 600 METERS

NFIP

PANEL 0275C

FIRM

FLOOD INSURANCE RATE MAP

BARRY COUNTY, MICHIGAN (ALL JURISDICTIONS)

PANEL 275 OF 500

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ORANGEVILLE, TOWNSHIP OF	260879	0275	C
PRAIRIEVILLE, TOWNSHIP OF	260880	0275	C
YANKEE SPRINGS, TOWNSHIP OF	260883	0275	C

REVISED TO REFLECT LOMR EFFECTIVE SEPTEMBER 16, 2013

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER 26015C0275C

EFFECTIVE DATE MAY 4, 2009

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

12800000 FT

12805000 FT

12810000 FT

12815000 FT

JOINS PANEL 0150

85° 30' 00"

42° 37' 30"

$^{47}20^{000m}N$

$^{47}19^{000m}N$

$^{47}18^{000m}N$

$^{47}17^{000m}N$

$^{47}16^{000m}N$

JOINS PANEL 0300

FLOOD HAZARD INFORMATION IS NOT SHOWN ON THIS MAP IN AREAS OUTSIDE OF BARRY COUNTY

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 1 NORTH, RANGE 10 WEST AND TOWNSHIP 2 NORTH, RANGE 10 WEST AND TOWNSHIP 3 NORTH, RANGE 10 WEST.

VALLEY DR
ISLAND DR
PARK DR
THERIS DR
SUNRISE CT
WEST SHORE DR
BERNICE ST
RUSSELL DR
2ND ST ST
SANDON CIR
COTE DR
JOHNSON DR
HAZEL DR
FIR LN
ELM LN
DOGWOOD LN
CEDAR LN
BIRCH LN
ASH LN
ROUGHIES DR
REA DR
CLELAND ST
SWEETLAND DR
WAYLAND DR
SANDYBEACH RD
LISA LN
N ENGLAND DR
WOODLAND DR
W ENGLAND DR
S ENGLAND DR
E ENGLAND DR
W JOY RD
MARSH RD
W BLUE LAGOON RD
E BLUE LAGOON RD
BLUE LAGOON RD
HARMONY DR
PICKEREL COVE RD
CIRCLE INN DR

E PARKER RD
MAC DR
S BRIGGS RD
DAY USE RD
OAKLEIGH RD
ELMWOOD BEACH RD
SHADY LN
HERMITAGE RD
BEATRICE ST
PRINCESS DR
E JOY RD
ENGLAND DR

19 20 21 29 28 30 31 32 33 5 6 4

ZONE AE (EL 746)

TOWNSHIP OF YANKEE SPRINGS 260883

TOWNSHIP OF ORANGEVILLE 260879

REVISED AREA

LONG LAKE

GUN LAKE

GUN RIVER

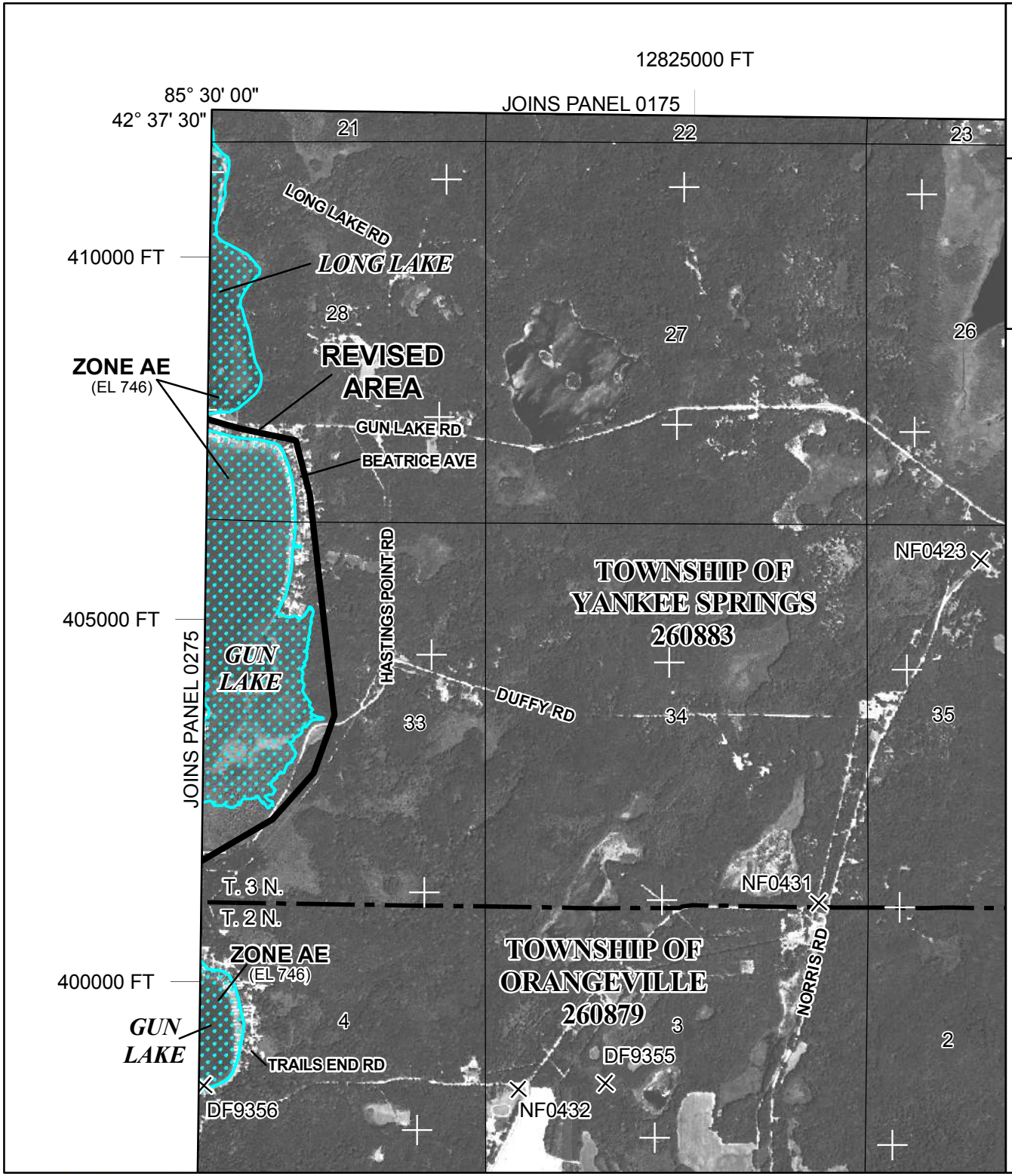
ALLEGAN COUNTY

BARRY COUNTY

T. 3 N.

T. 2 N.

NF0837



Legend

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 2000'

1000 0 2000 FEET

600 0 600 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0300C

FIRM

FLOOD INSURANCE RATE MAP

BARRY COUNTY, MICHIGAN

(ALL JURISDICTIONS)

PANEL 300 OF 500

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BARRY, TOWNSHIP OF	260876	0300	C
HOPE, TOWNSHIP OF	260681	0300	C
ORANGEVILLE, TOWNSHIP OF	260879	0300	C
PRAIRIEVILLE, TOWNSHIP OF	260880	0300	C
RUTLAND, TOWNSHIP OF	260656	0300	C
YANKEE SPRINGS, TOWNSHIP OF	260883	0300	C

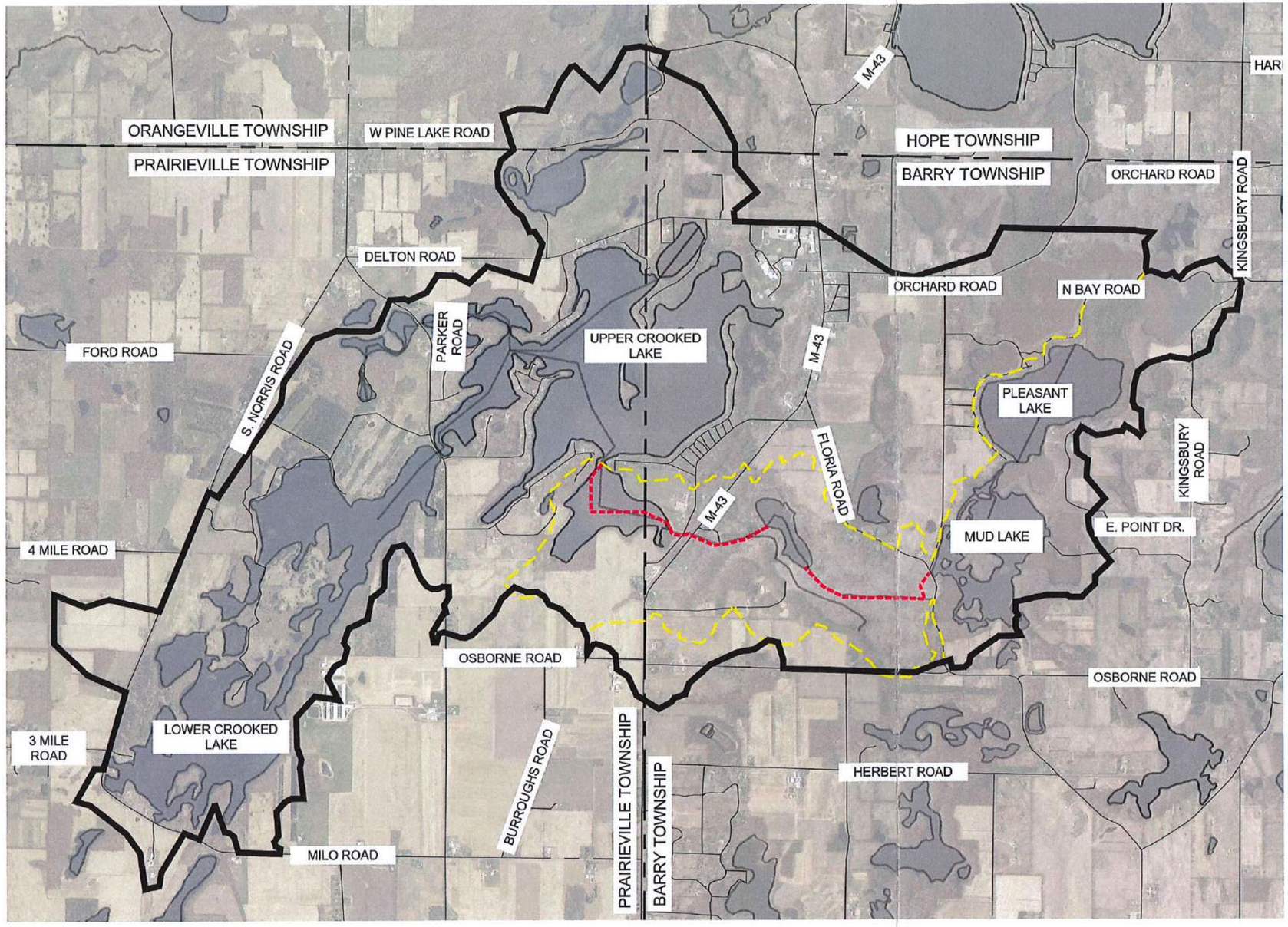
REVISED TO REFLECT LOMR EFFECTIVE SEPTEMBER 16, 2013

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
26015C0300C

EFFECTIVE DATE
MAY 4, 2009

Federal Emergency Management Agency



LEGEND

- DRAINAGE DISTRICT BOUNDARY PRIOR TO MAY 7, 2018 B.O.D. (1,760 AC.)
- DRAINAGE DISTRICT BOUNDARY ADOPTED ON MAY 7, 2018 BY B.O.D (6,850 AC.)
- EXISTING DRAIN CENTERLINE (10,774 FT)
- PROPOSED DRAIN CENTERLINE (TO BE DETERMINED)
- TOWNSHIP LINE

GENERAL DESCRIPTION OF LANDS COMPRISING THE WATSON DRAIN DRAINAGE DISTRICT:

BARRY TOWNSHIP (T1N, R9W)
SECTIONS 3, 4, 5, 6, 7, 8, 9, 16, 17, 18

HOPE TOWNSHIP (T2N, R9W)
SECTION 31

ORANGEVILLE TOWNSHIP (T2N, R10W)
SECTION 36

PRAIREVILLE TOWNSHIP (T1N, R10W)
SECTIONS 1, 2, 10, 11, 12, 13, 14, 15, 22, 23

GENERAL ROUTE AND COURSE OF THE WATSON DRAIN:

THE DRAIN CENTERLINE DESCRIBED IN THE FINAL ORDER OF DETERMINATION OF THE WATSON DRAIN DATED 1899

AND ALSO

THE DRAIN CENTERLINE DESCRIBED IN THE FINAL ORDER OF DETERMINATION OF THE WATSON DRAIN EXTENSION DATED APRIL 19, 1909

N

GRAPHIC SCALE IN FEET
0 1500 3000 6000

Drawn By: N.J.D
Date: 06/13/18
Approved By:
Date:

JIM DULL
BARRY COUNTY DRAIN COMMISSIONER

Eng
Engineering & Surveying
4583 Grand Oak Drive Suite A109
Lansing, MI 48911
517.887.1910
18530 Robbins Road Suite 105
Grand Haven, MI 49417
616.743.7070
engdsi.com

WATSON DRAIN DRAINAGE DISTRICT

BARRY TOWNSHIP, HOPE TOWNSHIP, ORANGEVILLE TOWNSHIP, & PRAIREVILLE TOWNSHIP, BARRY COUNTY, MICHIGAN

PROPOSED DISTRICT BOUNDARY

PROJECT NO. 18008

SHEET NO. 1 OF 2

The below table represents Barry County expenditures from the flooding of 2004; damage to 500 dwellings (multi-family and single family) occurring in that year:

County Expenditure	Amount
Debris Clearance	$84,000
Emergency Protective Measures	$11,000
Roads and Bridges	$206,000
Parks/Recreation Facilities	$78,000
Total	**$379,000**

In 2000, a Floodplain study was completed and based on FEMA's Floodplain maps indicating that Public Service buildings are partially within a floodplain and the total cost of damage would range to $165,159,672 in 2021 with inflation rate calculation (formerly $104,677,638 in 2000). The buildings to be affected by the 100-year flood hypothesis are as follows:

- City of Hastings, US Post Office
- Hastings/Birch Fire Department
- City of Hastings Municipal Offices
- Hastings Charter Township Municipal Offices
- Rutland Charter Township Municipal Offices

No schools are located in a floodplain. Barry County Communities are participants in the National Flood Insurance Program (NFIP), which is voluntary for a community and must adopt and submit a floodplain management ordinance that meets the NFIP criteria to be eligible for the NFIP and for subsequent disaster assistance from the federal government. The locations of NFIP participants are on a Flood Insurance Rate Map (FIRM) that shows special flood hazard areas and premium risk zones. Barry County has a Floodplain Ordinance for new development maintaining a 1-foot base floodplain elevation (BFE) above floodplain levels and new properties are protected from floodplains. From 2014 to 2019, Barry County has been the recipient of $343,076 grant funds for mitigation projects ($256,124 federal share); Hazard Mitigation Grant Program, Flood Mitigation Assistance program, Pre-Disaster Mitigation program, and the Repetitive Flood Claims program (no longer exists). Barry County has experienced $7M in flooding damage from 1996 to 2019 (NCEI database).

Since 1953, thirteen (13) FEMA disasters were declared for Barry County, including two (2) flooding events that occurred in 1975, and 2013. A third event is listed on FEMA for Barry County, Michigan, as Michigan Hurricane Katrina Evacuation in 2005 (Coded EM-3225-MI).

A list of the participants is provided in Table 3. below:

Table 3. FEMA Barry County Community Flood Insurance Program (NFIP) Participants (updated May 4, 2009)

Community Name	Initial Identification	FIRM eff. Date
Assyria Township	May 4, 2009	May 4, 2009
Baltimore Township	July 29, 1977	July 18, 1985
Barry Township	May 4, 2009	May 4, 2009
Carlton Township	May 4, 2009	May 4, 2009
Castleton Township	August 5, 1977	May 17, 1988
Freeport Village	No special hazards	No special hazards
Hastings, City of	April 12, 1974	February 18, 1981
Hastings Township	December 16, 1977	June 15, 1981
Hope Township	January 20, 1978	February 6, 1984
Irving Township	April 15, 1977	January 1, 1992
Johnstown Township	August 15, 1975	April 2, 1986
Maple Grove Township	August 19, 1977	February 1, 1986
Middleville Village	July 18, 1975	August 1, 1986
Nashville Village	December 6, 1999	December 6, 1999
Orangeville Township	May 4, 2009	May 4, 2009
Prairieville Township	May 4, 2009	May 4, 2009
Rutland Township	November 4, 1977	August 19, 1986
Thornapple Township	March 3, 1978	February 1, 1986
Woodland Township	May 4, 2009	May 4, 2009
Woodland Village	No special hazards	No special hazards
Yankee Springs Township	May 4, 2009	May 4, 2009

Cassville is planning on participating in the NFIP if they do not need requirements for Base Flood Elevation (BFE) of 1 foot higher for structures as of February 2021 community meeting.

Egress for Barry County (flooding can limit egress for residents and businesses):

M-37 enters from the NW and runs S to SE to Hastings, and SSE to Calhoun County

M-43 enters from Kalamazoo and runs north and east through Delton, Hastings and Carlton to the NE corner of Barry County

M-50 enters NE and runs west and north to Ionia County

M-66 enters SE corner and runs north and NE on the eastern portion of the county; passes Nashville to NE corner

M-78 runs SW entering from Eaton County and exiting to Calhoun County

M-79 runs west from M-66 at Nashville to M-37 SE of Hastings

M-89 runs SE from Allegan Conty to Kalamazoo County

M-179 enters west portion from Allegan County and runs east to Hastings

4.2 Thunderstorms

Thunderstorms, severe winds, hail and lightning have the capacity to harm persons and property in Barry County. While County residents are fairly accustomed to the possibility of this natural event occurring, tornadoes have the propensity to cause damage to the built environment on a devastating scale. Barry County is most susceptible to tornadoes between March and August, between noon and midnight, though tornadoes can happen at any time. On July 14, 2008, Barry County experienced a Presidential Declaration Disaster for Barry County for Thunderstorms and Flooding. On May 19, 2019 Barry County experienced a tornado touchdown (EF-0) where three (3) barns on one farm were damaged and a telephone pole. In September 2018, a tornado (EF-0) damaged property in Hickory Corners (Barry Township). Since 1950, at least 4 people were killed as a result of a severe thunderstorm-related event. Thunderstorms during this time period would be equivalent to $25M in property damage in today's property value and crop damage was equivalent to $500,000 in today's crop values (using inflation rate calculations). No tornadoes were reported since April 20, 2020 [Source: NOAA, National Centers for Environmental Information], however the threat still exists and included in the HMP. The Michigan HMP of 2019 lists Barry County as a prioritized natural hazard for Severe Winds for Localized Identified Hazard Vulnerabilities with $12M in damages from the National Center for Environmental Information (NCEI) database that ranges back to 1996 for crop damage and property damage; no casualties were recorded for Barry County, although other counties had casualties.

Severe thunderstorms are weather systems associated by fierce wind, lightning, heavy rain, and perhaps hail and tornadoes. Thunderstorms happen during any season in Michigan, although these hazards are most common during late spring and throughout summer, from May through September. Each year in the United States at least 75 people are hit and killed by lightning [Source: FEMA].

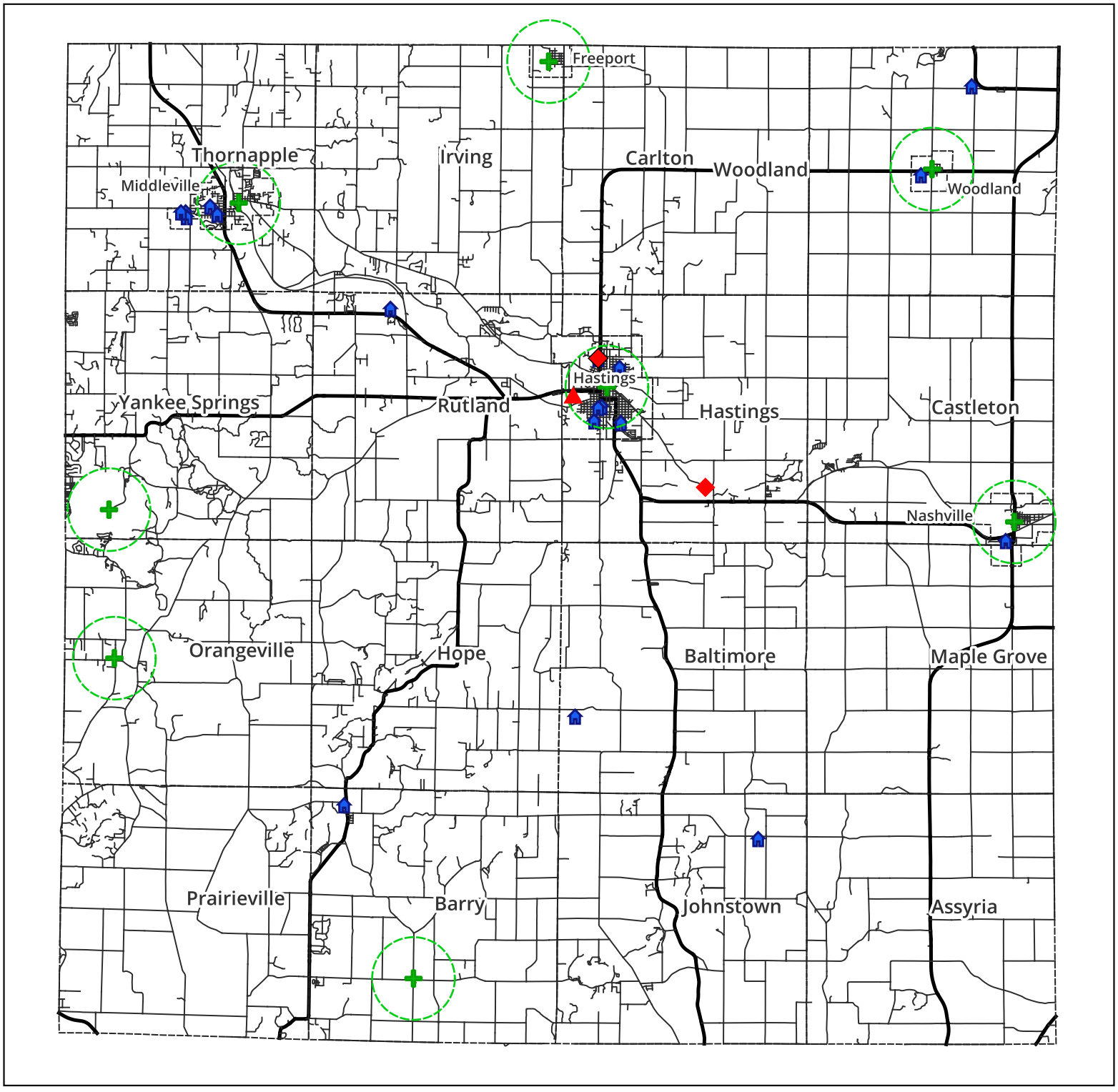
Michigan's Lower Peninsula is subject to approximately 30 to 40 thunderstorm days per year. This means that about 30 to 40 thunderstorms will occur in any given year in Barry County. In 1975, a Presidential Declaration was issued for damaging flooding, rain, and tornadoes associated with sever thunderstorms. The Declaration included Barry and 20 other southern Michigan Counties. Presidential Declarations denote those federal funds become available to the jurisdictions to mitigate a specific disaster.

Sirens. Notifications to the residents and people of Barry County is helpful to prepare for a spotted storm system or tornado event to allow people to seek shelter; Barry County has a siren system in place and offers locations for shelter in such events. The map below provides working locations for shelter and sirens. Sirens exist in the Village of Woodland, the Village of Freeport, the City of Hastings, the Village of Nashville, and Orangeville Township (burg of Orangeville).

Since tornadoes and severe storms can occur at any place in Michigan at virtually any time, all facilities are vulnerable. Especially susceptible are schools and other facilities with large interior span areas, such as gyms and theaters. During the day or during a storm event, schools have large numbers of people present, at this time, the County has not documented all the facilities that may be considered large span structures. Most large span buildings, public and private,

Shelter & Siren Locations

Barry County, Michigan



0 2 4 mi

Siren (1 mile buffer)

Shelter

ALTERNATE EOC
Barry/Eaton County Health Dept.
330 W. Woodlawn

PRIMARY EOC
Barry County Central Dispatch
2600 Nashville Rd.

Communications

ALTERNATE DISPATCH
Barry County Sheriff's Dept.
1212 W. State St.

Barry County Land Information Services
08/03/2021
NAD83 / Michigan South (ft)

such as grocery stores and public buildings provide emergency shelter locations and have staff on-hand to aid people to shelter; usually locations without windows and without potential debris, like a restroom. Also, most large span buildings have “loud speakers” or intercoms to provide internal alerts to a storm threat.

Since 1953, thirteen (13) FEMA disasters were declared for Barry County, including two (2) severe storms, tornadoes, and flooding that occurred in 2004, and 2008, and a third listed specifically for a tornado & sever storm in 1965.

4.3 Severe Winter Weather

Every structure, building, and person in Barry County is subject to the hazards associated with winter weather, as the County is situated in southwestern Lower Michigan where snowstorms are common. Since Michigan is a northern State, every critical facility in the County is also prone to winter weather hazard events. All structures in the County are susceptible to severe winter weather hazards, and an estimate of the potential losses in costs should an event occur, is difficult. Data is not readily available for severe winter weather property damage costs; however, the utility companies are more susceptible to ice storms as ice freezes on the wires and trees weighing them down to breaking onto wires that are already stressed from frozen ice. Barry County is vulnerable to severe winter weather conditions and at risk to typical snowfall for a southern Michigan community.

Since 1953, thirteen (13) FEMA disasters were declared for Barry County, including five (5) winter storms (blizzards) that occurred in 1972, 1977, 1978, 1999, and 2001. Presidential declarations exist for Barry County for these years, as well. Also, the Governor issued state of emergency during an ice storm of 1985. Blizzards are the deadliest and damaging of all winter snowstorms with excessive cold temperatures, and high winds that are over 35 mph winds (snow drifts of over 4 feet). Visibility is reduced during a blizzard to two feet inhibiting travel. The amount of snowfall during a blizzard can cause damage to structures and can have a duration of one week or more from the final effects (15 days in 2021); fixing electricity, structures, snow removal of roads, and ice-related travels. Households that are heating with propane tanks need to plan and prepare for refueling prior to hazards that inhibit travel and access to propane tanks via snowy driveways and icy roadways. Many households in Barry County have private generators to power essential home utilities during a winter storm hazard; drinking water well pumps, refrigerators, and furnaces. From 1996 to 2019, Barry County experienced Ice/Sleet with a loss of $5M as listed in the Michigan HMP Vulnerabilities to natural hazards.

4.4 Extreme Temperatures

Extreme temperatures are inclusive of cold weather and hot weather depending on the season, as southern Lower Peninsula Michigan experiences all four (4) major seasons; Spring, Summer, Fall, and Winter. Every structure, building, and persons in Barry County is subject to the hazards associated with extreme temperatures. This hazard can affect the most vulnerable of society; children, elderly, impoverished individuals, and malnourished persons, even though, the entire population of Barry County is subject to extreme temperatures.

Vulnerable persons: According to the U.S. Bureau Census, an estimate of the population of Barry County July 2019 is 61,500 with 18.9% of the population over 65 years of age, 27.2% under 18 years of age, and 7.8% living in poverty; the culmination of the vulnerable persons is significant at 53.9% when added together.

Barry County experiences between 90 and 180 days per year below freezing temperatures and approximately 60 days of heat in the summer. Barry County temperature is colder than the Michigan mean temperature, and extreme temperature means are more likely to be a hazard in cold weather than in hot weather for the County with temperatures dipping below 20°F in January through March (Michigan mean is 21.8°F in January and February with 32.8°F in March).

According to the State Hazard Analysis, extreme high temperatures affect a large populated city, rather than a rural area like Barry County, even though possible, Barry County is less likely to experience high temperatures, however, is listed as a high risk with 2.7% probability and 10 days at 109°F per year (occurred in 1936). Barry County experiences exceptional humidity with uncharacteristically high temperatures on extremely hot days and over a protracted period of time deemed a "heat wave." Dangers of a heat wave in Barry County may include personal injuries such as heat exhaustion, heat cramps, heat syncope, and heat stroke, and even death. The average summer weather can feel muggy 35% of the year in Barry County due to humidity. Spectrum Pennock Hospital located in the City of Hastings sees less than 5 injury incidents per year.

Extreme hot weather is more hazardous to farmland with either crops or livestock, which includes approximately 47% of agricultural land in Barry County. Aquifers are in use more during this hazard for sprinkler systems for cooling and watering of crops and livestock. Very hot temperatures can aggravate fire hazards and increase the likelihood of wildfires; according to the State Hazard Analysis, the severity and extent of extreme summer temperatures, or the heat index, can reach 105 to 110 degrees F for Barry County.

Data on physical damages to infrastructure during extreme temperatures includes buckled roads, failed bridges and railroad tracks, utilities (above the frost line of 42 inches depth in soil), and even home damage due to breaking pipes that are not prepared for lack of heat.

4.5 Wildfires

As more residential development encroaches on forestlands and wetlands, protecting people and structures from wildfires becomes a greater challenge. In Barry County, significant recreational areas are also at risk. Hazard zones include all forested, woody, and grassy areas. Four out of five forest fires are caused by neglectful human behavior, outdoor burning/ debris burning, unattended campfires, smoking in wooded areas, and lightening during a dry season in the summer (drought).

On average, the County has seven wildfires per year, according to the Michigan Department of Natural Resources, Forest Management Division, that owns land in Barry County. Approximately 31,000 acres (48.4 square miles) of Forest Land (surface minerals) is owned or managed by Michigan DNR in Barry County, Michigan, which is 8.4% of the land in Barry County. The

Michigan DNR operates a fire field office in Yankee Springs Township near the Yankee Springs State Park and Barry State Game Area that comprise the bulk of the "Forest" designation. Wildfires generate very minor damage in Barry County and are well controlled. In 2019, a Yankee Springs Township had a large field fire (7.95 acres brush fire) which many departments responded to control; Yankee Springs Township/ Wayland Fire Departments, Orangeville, Leighton, Maring Township fire departments, Thornapple Township Emergency Services, Hopkins area fire department, DNR Forest Fire Division, Wayland Area EMS, Michigan State Police and Barry County Sheriff's Office. The wildfire took 45 to 60 minutes to control.

Barry County is listed as one of the many counties on the west side of the Lower Peninsula Michigan with Commercial Forested Land (happens to be privately owned land): 159 acres in Orangeville, and 66.84 acres in Thornapple as of 2021. The local fire departments provide First Response to a fire and the DNR assists if the fire is too large (large equipment) or if the local departments need support traversing through the terrain. In 2021, Michigan DNR responded to 10 wildfires, and in 2020 responded to 4 wildfires. The number of wildfires can be dependent on a dry season that increases the potential for wildfires in the County. According to the Michigan HMP of 2019, Michigan experiences an annual loss of $1.1M, however, does not determine a loss for individual counties, because the cost is under $1M per county.

The forested lands in the State Park and Game Area comprise a large urban-forest interface, due to relatively dense residential development near Gun Lake. This represents the most significant risk area, because fires generally ignite in forests, putting nearby homes at risk. The Gun Lake Tribe along with the Natural Resource Conservation Service has been working with Barry Conservation District for a successful sustainable Forestry Plan to manage and improve a healthy Forest for walk-through and provide wildlife habitat and to promote healthy growth of trees [Source: Barry Conservation District Annual Report 2020].

5.0 TECHNOLOGICAL HAZARDS

According to FEMA, technological hazards have little or no warning preceding an incident and can include airports, traffic, industrial and hazardous materials, landfills, dams, and combined sewers. FEMA includes nuclear power plant failures as a technological hazard, however, this HMP discusses this hazard in Section 6.2 of Man-made hazards.

5.1 Airports

According to the State Hazard Analysis performed by the Emergency Management Division of the Michigan State Police and Homeland Security, four (4) types of hazards exist for airports:

1) The collision of two aircraft in flight
2) The collision of an aircraft due to mechanical malfunctions, human error, terrorism, or other causes while in flight
3) The collision of an aircraft during take-off or landing (HUD-Airport Runway Clear Zones)
4) The collision of two aircrafts during staging or taxi operations (HUD-Airport Runway Clear Zones)

Federal Housing and Urban Development (HUD) may mitigate federally-funded property within 1,500 feet of a civilian airport (or 6 miles for projects) and 15,000 feet (or 25 miles for projects) within a military airport and has limiting factors within 250 feet of Airport Runway Clear Zones. Michigan has 19 airports with one (1) in Barry County, Hastings Airport – 9D9 with public use and is 2.48 miles NW of the City of Hastings, and is considered a safe distance from most airport incidents that happen near an airport. The Hastings area is the County's most densely populated community. An aviation-related incident near the airport could result in a potentially serious hazard to property and population.

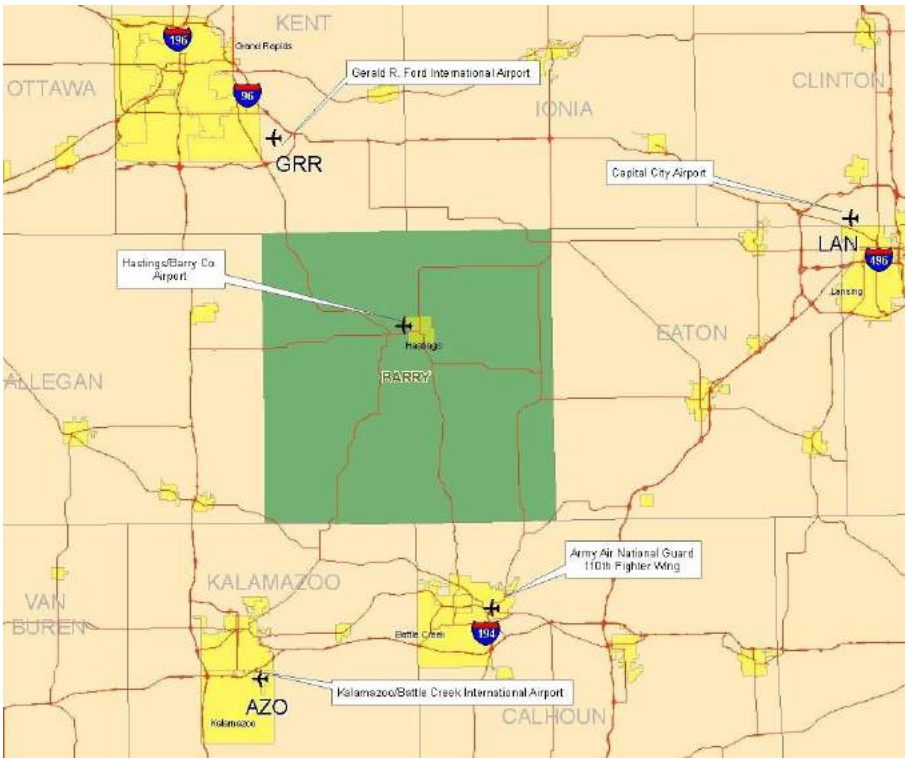
Airport-related pollution is a potential hazard to community water resources from the use of Aviation-gas, oil, de-icers, and other chemicals used in operations of an airport causing water runoff to pavement, rooftops, and impervious surfaces that can accumulate in the environment. The Hastings Airport staff indicate that flooding has never occurred on the property, to exacerbate any releases of chemicals or contaminants, if any.

Barry County is located within Flight patterns of other major airports: Gerald R. Ford International Airport (8 miles north of the County) over Middleville, Irving Township, and Thornapple Township. The Kalamazoo-Battle Creek International Airport and the Battle Creek Air National Guard (military) facility may also pose a risk for residents of southern Barry County. The South Metro medical emergency team of the Gerald R. Ford International Airport respond to the area's needs, as well.

According to the Kent County Department of Aeronautics, flights preparing for arrival at the Gerald R. Ford International Airport line up with the runway just over 6 miles away from the airport, extending into Barry County. The approach angle is 3°; little consistency in approach and departure patterns at a large airport due to destinations and weather patterns playing an integral role in flight pattern determination.

New development and increasing population near Grand Rapids, MI, within Barry County may play a role in overall safety of population in the northwest portion of Barry County; with growth and new development, comes more air traffic for businesses and residents with a larger impact from a potential incident. The Gerald R. Ford International Airport is the largest in West Michigan and the second busiest in Michigan and is eight miles north of Thornapple Township borders.

According to the National Transportation Safety Board, on May 4, 2002, a Pilot/Operator Aircraft



Regional Airports (Green is Barry County, MI)

Accident Report was recorded at the Hastings 9D9 airport, with damage to a Piper plane and signage on the runway. Although four (4) other incidents list Hastings 9D9 as the destination, no other incidents happened in Barry County, Michigan. In 2017, a small flight was heading to Hastings 9D9 Airport, but did not arrive due to engine trouble with a non-fatal crash near Manistee-Ludington area. Other malfunction aircraft incidents occurred at the international airports in neighboring Counties, but the events were negligible impact and no loss of life. No incidents have occurred related to the military airfield, as well.

5.2 Traffic

Traffic hazards are a hazard for every community, and Barry County has greatly decreased traffic accidents from 2002 that listed 1,333 accidents from just from deer-related incidents. According to the Michigan State Police in the last year (2020), there were a total of 5 fatal traffic accidents in Barry County. Further there were a total of 1,466 accidents (2020);

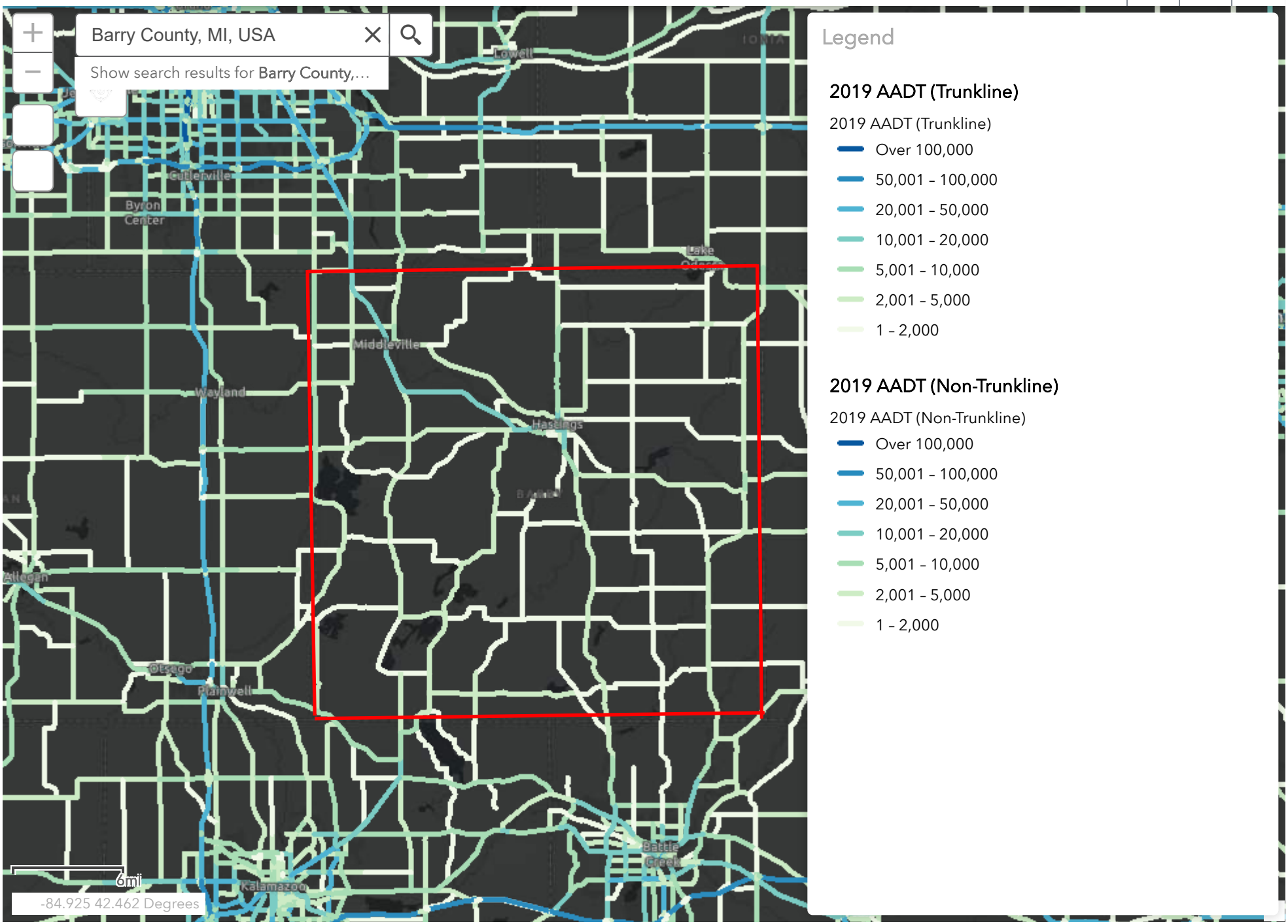
- 55 alcohol-related,
- 3 involved bicycles,
- 4 involved construction zones,
- 724 deer-related,
- 59 distracted drivers,
- 17 drug-related,
- farm equipment-related
- 1 fleeing Police
- 23 motorcycle incidents
- 7 ORV incidents
- 4 pedestrian-related
- 11 police-ambulance-fire related
- 1 school bus
- 0 snow mobile
- 0 train
- 20 truck-bus related incidents

The intersection near M-37, M-43, and M-179 in Rutland Township is subject to heavy traffic volumes, and has been identified as potentially dangerous for both volumes of traffic and speed. The area northwest of Hastings along M-37 is expected to have more traffic due to development near Grand Rapids, MI. According to the Michigan HMP, less frequently selected planning topics include Roads, highways, and bridges (repairs, maintenance) at 3.2% relevance in 2018. Suggestions for road traffic include construction of relatively straight and flat driveways, open spaces to turn, bridges that can support emergency vehicles, and means to locate homes visibly from the road for local fire departments.

5.3 Industry and Hazardous Materials

Barry County has several industrial and non-industrial operations that most likely use hazardous materials in processes and operations or generate hazardous waste; around the City of Hastings, 39 locations have permits to generate hazardous waste under Resource Conservation and Recovery Act (RCRA) laws for proper hazardous waste management. In Hope Township along Cedar Creek, industrial development is considered as a potential hazard causing water pollution for communities. Polluted storm water discharge is generated when precipitation mixes with chemicals, usually on impervious surfaces such as stormwater runoff, and asphalt/ concrete parking lots. Most industrial firms have operations in place to reduce a release of hazardous materials and must apply for RCRA generator permits, depending on the amount of hazardous substance within the facility in a given month, even retail outlets hold a RCRA permit;

Traffic Volumes Map



- RCRA non-generator (<100 kg of regulated hazardous waste per month),
- RCRA very small quantity generator (<220 lbs or <22 gallons of haz waste per month)
- RCRA small quantity generator (>100 kg, but <1,000 kg of haz waste per month)
- RCRA large quantity generator. (>1,000 kg per month)

It is a good idea for businesses to notify the local fire departments of the type of hazardous chemicals in the event of an emergency. Indeed, the SARA Title III, Emergency Planning and Community Right to Know Act of 1986 (EPCRA), allows for the public's knowledge and access to information on chemicals at individual facilities, their uses, and releases into the environment.

These permitted locations are periodically inspected by the State, and violations are noted and the company usually is required to pay fines and fix the issue. Most violations involve only paperwork such as transport manifest errors and are not indicative of a release of hazardous chemicals. Other processes in place, include the SARA Title III, Right to Know Act, that allows for firms either using hazardous chemicals or generating hazardous waste to inform personnel and persons on the premises about potential risks. Prevention and knowledge are a best practice to prevent a release of hazardous substances. The Governor of Michigan appoints 17 commissioners under the State Emergency Response Commission (SERC) and chaired by the Michigan State Police: Barry County's Emergency Management Coordinator is the key personnel for the Local Emergency Planning Committee (LEPC). In 2018, the USEPA made changes to SARA Tier II EPCRA and Tier II Reporting to include Physical and Health Hazards and safety thresholds into Safety Data Sheets (SDS) (formerly called, Material Safety Data Sheets (MDSD)). The list of chemicals under EPCRA updated in August 2020 are found on the USEPA website https://www.epa.gov/epcra/consolidated-list-lists . A review of the USEPA Toxic Release Inventory (TRI) shows 6 SARA Tittle III facilities listed for Barry County (shown on following page);

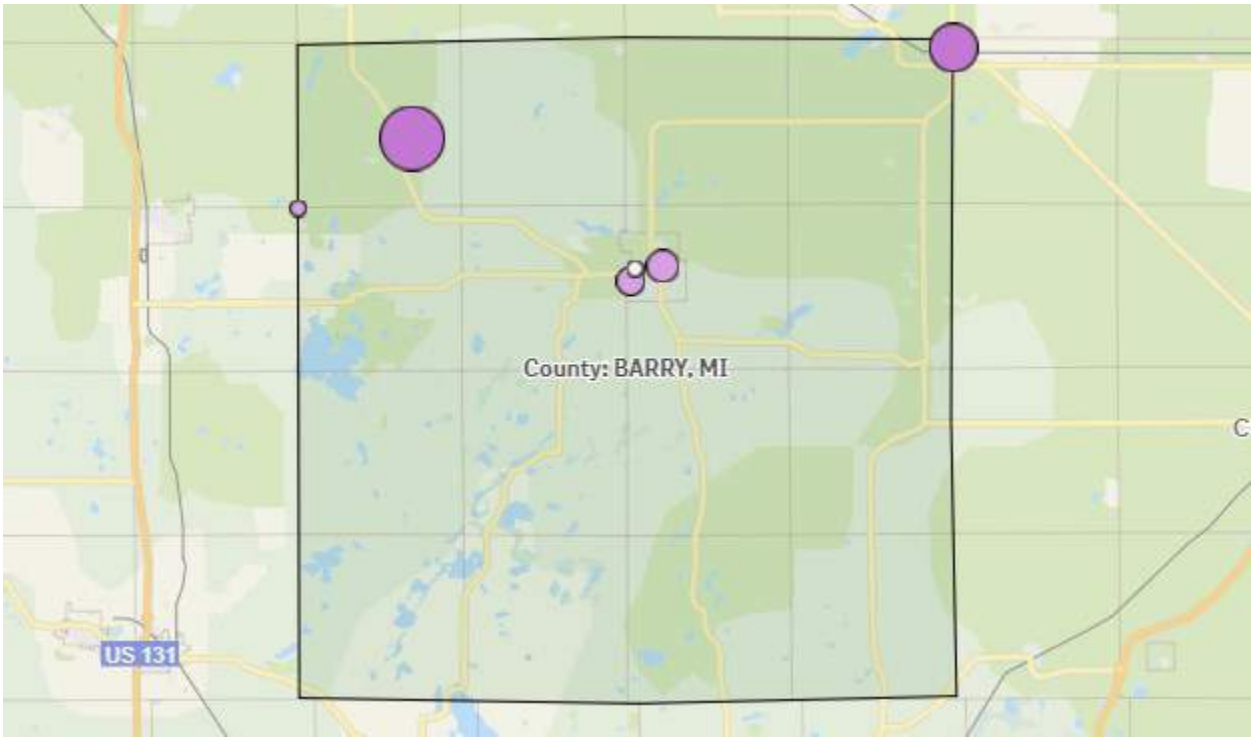
1) Middleville Tool & Die Co., 1900 Patterson Rd, Middleville, MI
2) Bradford White Corporation, 200 Lafeyette St, Middleville, MI
3) Viking Corporation, 210 N. Industrial Park Dr, Hastings, MI
4) Hastings Manufacturing, Co, 325 N. Hanover St, Hastings, MI
5) Hastings Fiberglass Products, 1301 W Green St, Hastings, MI
6) Carbon Green Bioenergy, 7795 Saddlebag Lake Rd, Lake Odessa, MI (Ionia County)

Even though hazardous substances are regulated, incidents still can occur. A release of hazardous substances into the environment is damaging to resources like potable drinking water wells that supply many homes and businesses in Barry County, surface bodies of water near or on the property (groundwater to surface water interface) or at the water table (leaching into the ground), and soil, damaging to wildlife and aquatic habitat, as well. Some industrial businesses have potable drinking water wells and septic systems, as opposed to municipal water supply and municipal sewer systems. In the event of a fire or system failure, First Responders may be challenged by a lack of substantial on-site water and water-pressure for fire suppression.

Michigan has well developed soil horizons due to the unique climate, inland lakes, and glacial terrain (non-bedrock) (Organic Layer with vegetation – O, Top Soil or Surface – A, Leaching layer

– E, Subsoil – B, and Substratum – C) and can be truly costly to identify and mitigate a release into the environment and cause public safety issues.

Transportation of hazardous substances can be performed either by road or by rail (trains). According to CSX Transportation, the railroad company that operates 2.6 miles of rails in



SARA Title III facilities in Barry County (6 sites listed in 2019)

Woodland Township (northeast corner of Barry County), six incident types are as follows (least to most):

1) Leaking container with no offsite impact, fire or injury
2) Leaking container with offsite impact, fire or injury
3) Ruptured fuel tank on locomotive
4) Derailment with no release, no tank damage (upright)
5) Derailment with tank overturned, serious tank damage
6) Derailment with a release of hazardous substances

The area of the CSX railroad is sparsely populated and the risk of a release and subsequent impact is very low for Barry County. However, Jordan Lake and associated lake residences are south of the rail line and would be impacted in the event of a derailment and significant to those living in the area Sections 1,2 and 3, (Sections 1 and 2 are zoned General Industrial and 3 is zoned Rural Residential) approximately 1,014 persons 200 structures with 32 of the structures non-residential businesses in Woodland Township. Please see Woodland Township Zoning Map on the next few pages.

Projected disruption to residents and businesses includes pre-disaster preventative measures, evacuation time, cleanup and repair, and time for insurance claims/ disaster-related matters. Disruption time is estimated at $26.84/hour (US Average wage) per person in handling losses due to a release of hazardous substances and the cost for complete cleanup can be $500K to $1.5M depending on the type of materials released and the extent of the impact, as well as the down-time of the railroad line that is costly. Also, serious injury and even death can occur from a train derailment, although this has not occurred in Barry County. Municipal offices and fire station in the Village of Woodland and a hazardous materials employer is located along Clark Road north of the railroad and all are within 3 miles of the railroad. At today's value of the potential lands that would be impacted by a train derailment is $20.6M to Woodland Township.

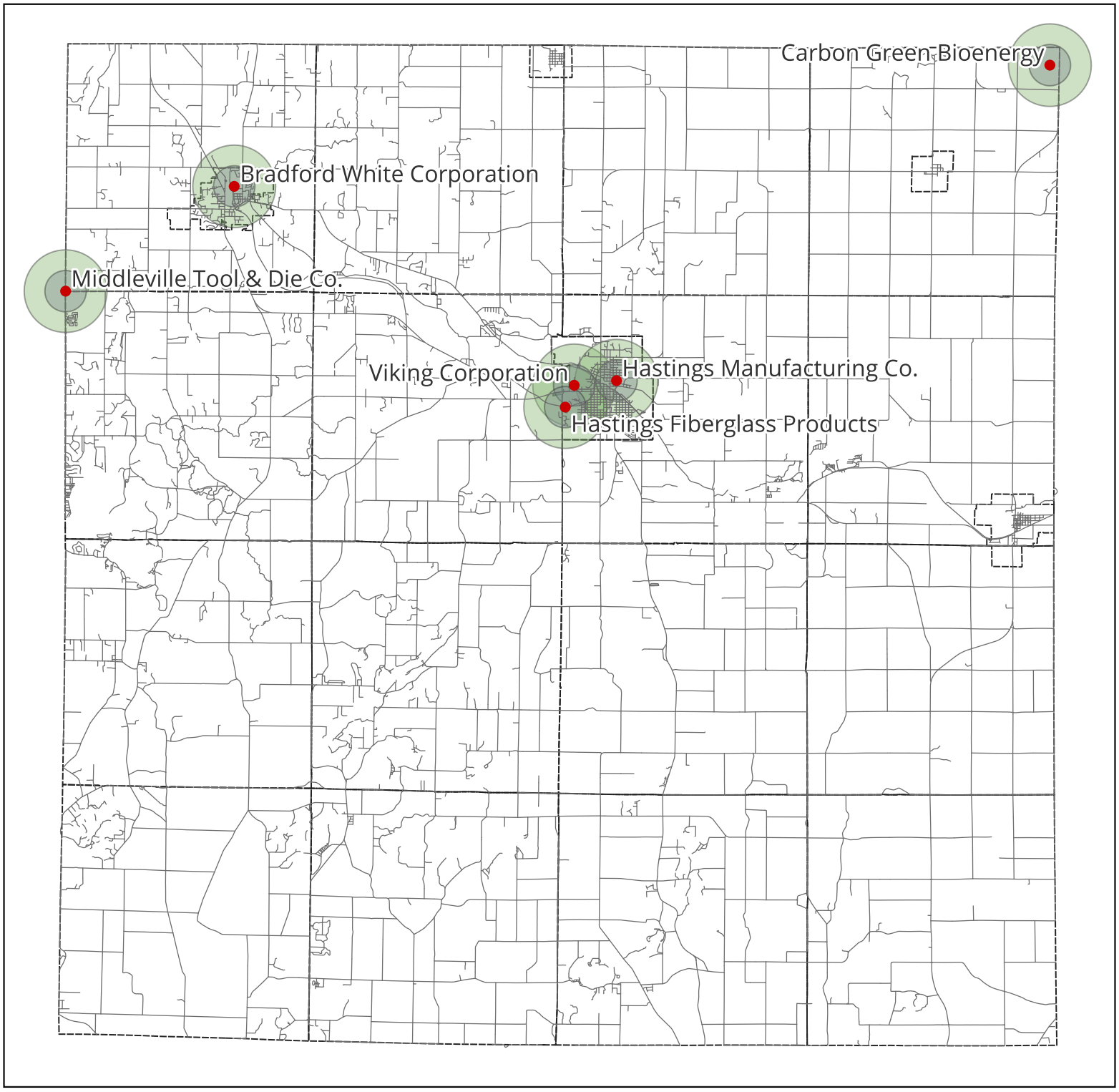
Land use and development trends may play a role in the safety of the population. Barry County has increased population from 59,177 in 2010 to 61,550 by July 2019, according to the US Census Bureau. Since 2010, the population percentage difference is below [Source: US Census Reporter]:

Thornap ple **6.5%**	**Irving** **23.8%**	**Carlton** **0%**	**Woodland** **5.38%**
Yankee Springs 2.0%	Rutland **0.3%**	Hastings **-1.25%**	**Castleton** **0.64%**
Orangeville **0.3%**	**Hope** **0.09%**	**Baltimore** **6.7%**	**Maple Grove** **-13.9%**
Prairieville **3.3%**	**Barry** **2.3%**	**Johnstown** **2.5%**	**Assyria** **7.6%**

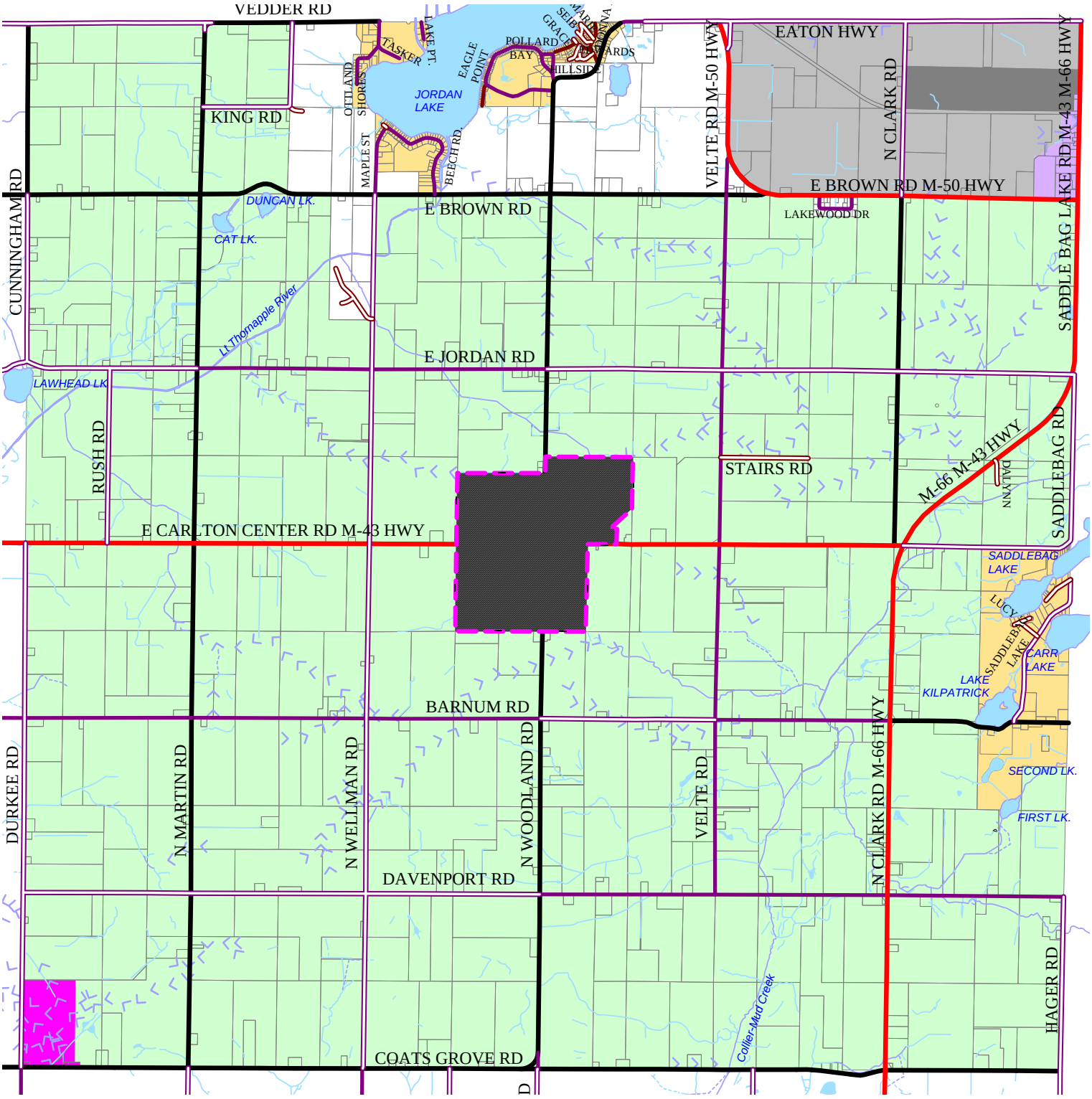
Irving Township has seen the greatest increase in population in the past 10 years to 20 years contributing to Barry County's population and is near Grand Rapids, Michigan (Kent County). Maple Grove has seen a great decrease in population from 2010 (1,593 persons) that can affect the township's ability to respond to hazards. According to the Michigan HMP, a community that sees a decrease of 5% or more in its population may be in "crisis temptation" which seeks to attract residents and employers (that could be riskier) through incentives, tax abatements, zoning changes, or unusually permissive behaviors.

TRI (SARA TITLE III) Sites

Barry County, Michigan



Barry County Land Information Services
09/07/2021
NAD_1983_StatePlane_Michigan_South_FI



Barry County Zoning
Assyria, Baltimore, Barry, Castleton, Carlton, Hastings Charter, Irving, Johnstown, Maple Grove, Orangeville, and Woodland Townships
Barry County, Michigan
07/25/2008

- Agricultural
- Rural Residential
- Low Density Residential
- Moderate Density Residential
- Recreational Lakes
- High Density Residential
- Natural Lakes
- General Commercial
- Mixed Use
- Light Industrial
- General Industrial
- Conservation Reserve

Woodland Township Zoning

N
W E
S

Scale 1:50,000

5.4 Landfills

In Barry County, six (6) landfills exist with one (1) historical landfill, as follows;

- Waste Management, Inc. – Hastings Landfill (active) not listed in database
- Hastings City Landfill, (old) West State Road, Hastings, MI 49058
- KAVCO Landfill in Prairieville Township sealed by Michigan ELGE in 2001 with contaminants of dry-cleaner like volatile compounds, petroleum-type compounds, and PFAs. Residents use other drinking water sources than groundwater in this area.
- Historic landfill at Patterson Road/ M-179 in Yankee Springs Township (listed as Patterson Road Residential Wells, Patterson Road & Cobb Lake Road, Yankee Springs, MI 49348 with contaminants of dry-cleaner like volatile compounds, and petroleum-type compounds
- Misak Landfill, 1075 South Patterson Road, Yankee Springs, MI 49348 with contaminants of dry-cleaner like volatile compounds, petroleum-type compounds, and PFAs
- M-43/ Willitts Road in Carlton Township

In Hastings, one (1) historic landfill was listed on sites of contamination in the Michigan EGLE database as a Part 201 site of Public Act 451 of 1994; Hastings City Landfill (old) on West State Road, Hastings, MI.

In Yankee Springs, two (2) sites were listed; Misak Landfill and Patterson Road Residential Wells.

In Prairieville Township, one (1) site is listed; KAVCO Landfill that was sealed in 2001 and has continued groundwater monitoring by Michigan EGLE.

In Delton, two (2) sites were listed; South Wall Lake Groundwater Contamination at South Wall Lake Road, Delton, MI 49046 and 11192 South M-43 Highway, Delton, MI 49046 and both have dry-cleaner like volatile organics, and petroleum-related compounds.

The State has programs in place to mitigate soil and groundwater contamination due to a release of hazardous substances (non-petroleum) and petroleum-related substances, inorganics (Michigan 10 metals), PFAs, and other contaminates. The Delton area has two (2) Wellhead Protection zones that prohibit certain uses and practices that could potentially contaminate drinking water well supplies (i.e. municipalities use groundwater wells for Public Water Supply).

5.5 Dams

Barry County has fourteen (14) dams listed by the US Army Corp of Engineers, National Inventory of Dams (NID). The average age is 81 years old with 64% regulated by the State, and 14% are regulated by the Federal Agency because they provide hydropower. No dams are considered a High Hazard in Barry County, however, three (3) are listed as Significant Hazard and the remainder are listed as a Low Hazard. A Significant Hazard is defined as, Disoperation or any failure results is no loss of human life but will likely be disruptive to property, the

environment, critical facilities, or others. In Michigan, some dam failures have a corollary effect of algae blooms living along streams, lakes and rivers due to high temperatures and though not toxic, can remain harmful to humans and pets and should be avoided, according to Michigan EGLE. The list of dams are as follows:

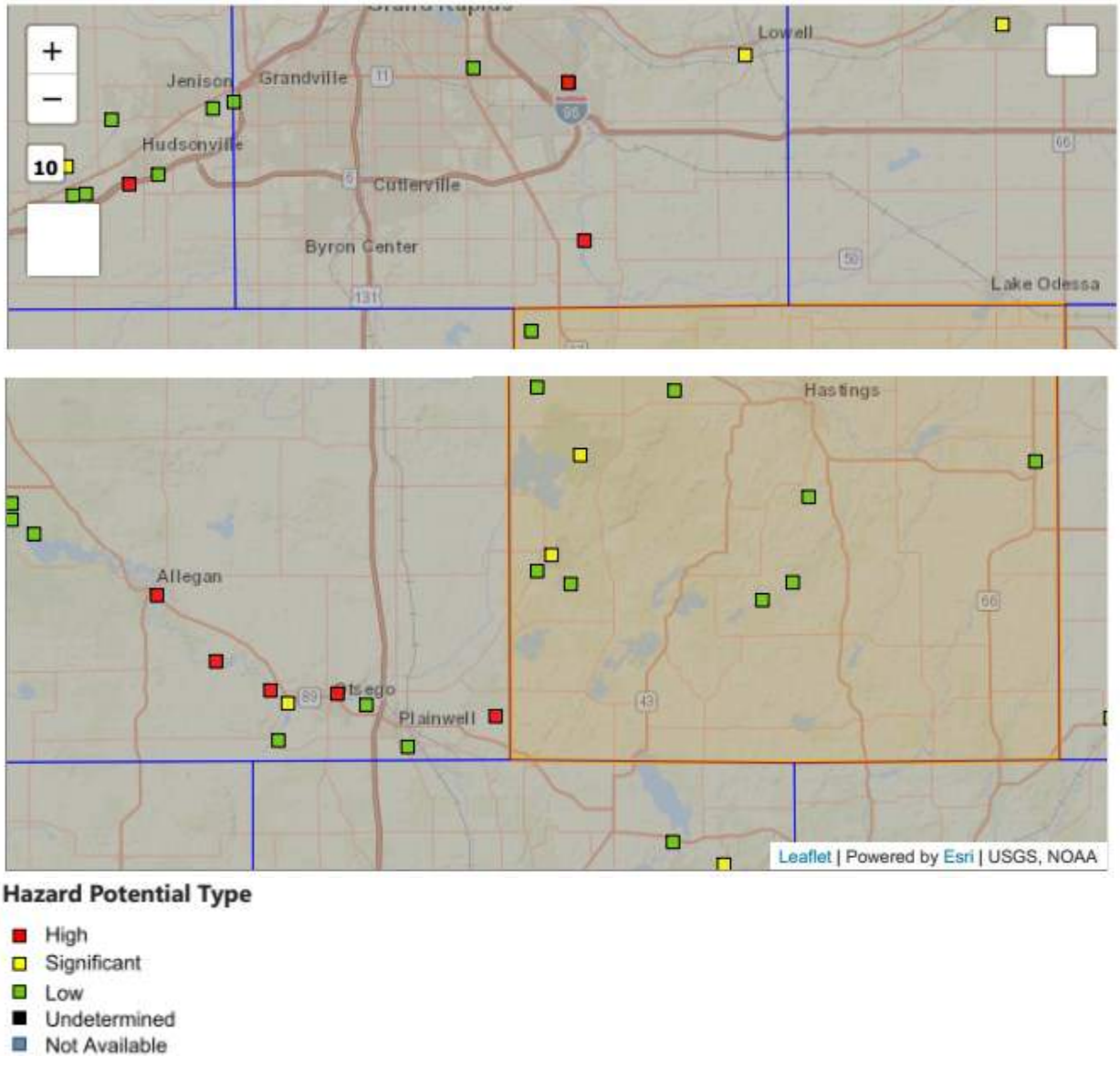
- Algonquin Lake Dam (**Significant Hazard**)
- Cedar Creek Dam (Cedar Lake)
- Nashville Dam (used only as a weir to promote aquatic habitat) owned by the Village of Nashville
- Orangeville Dam (**Significant Hazard**) (also called, Mill Pond Dam)
- Bowen Mill Dam
- North Branch Cedar Creek Dam
- Lower Crystal Lake Dam (Crystal Lake Dam)
- Topski Dam
- Irving (FERC hydropower dam), Commonwealth Power Company is downstream from Thornapple Lake and has 3 dams; a power dam at the west end of a power canal, and two (2) flow control dams to the east. The dam failed in 2018 when a 60-foot stretch of embankment washed away. FERC was required to provide approval for repairs southeast of McCann Road between Hastings and Middleville.
- Middleville (FERC hydropower dam) Commonwealth Power Company W. Main Street crosses over Thornapple River.
- Canterbury Lake Dam (Bourdo Brothers Dam)
- Hall Lake Dam (**Significant Hazard**)
- Duncan Lake Creek Dam
- Albion

Low Hazard Potential, is the disoperation or any failure results in no loss of human life and minimal economic and environmental loss with losses limited to the owner's property. According to the State Hazard Analysis (SHA) performed by the Emergency Management Division (EMD) of the Michigan Sate Police, Barry County has had three documented dam failures. The EMD also estimates there are four dams in the County that pose a "Significant Hazard" at the time of the writing of the SHA. Nashville Dam (Village of Nashville) on the Thornapple River as the river enters Barry County on the east side was removed in 2009, however, a weir still exists to promote fish habitat. Michigan DNR and other funding ($498,000) has allowed removal of the dam and floodplain plantings to increase dissolved oxygen (DO) for the heath of fisheries to a 10.0 Daily Maximum by August 2012. The Crystal Lake Dam (Orangeville Township) and Irving Dam (Irving Township) were both concerns of local officials. The Federal Energy Regulatory Commission (FERC) inspects Irving and Middleville Dams since they both generate power.

The last year of inspection for the Significant Hazard dams was listed as June 2018, but the list may not be updated by the NID. FERC inspected the hydropower dams in August 2018, again the list by NID may not have been updated to date. The Drain Commissioner also inspects dams

that are over 6 feet in height and create an impoundment with a surface area of 5 acres or more subject to requirements of Part 315, Dam Safety, of the Natural Resources and Environmental Protection Act, PA 451 of 1994. All dams have a scheduled inspection with reports to be completed by Engineers and submitted to Michigan EGLE.

One (1) dam poses a High Hazard and is in the neighboring county of Allegan County (Gunplain Township); Lake Doster Dam west of Prairieville Township and is within 1 mile downstream of Barry County and the risk is 0 to low affect for Barry County residents. New national funding in 2019 allows funding for repairs to High Hazard Dams (Barry County has none). Please see the USACE map of Barry County and surrounding county dams below.



5.6 Combined Sewers – Drainage Pathways

Combined Sewers carry both stormwater and sanitary wastewaters for treatment to the wastewater treatment plant. The Village of Nashville has combined sewers and during heavy rainfall, a combined sewer may overwhelm the treatment capacity resulting in direct discharge of diluted, but untreated wastewater to Thornapple River.

The Drain Commissioner has plans in place to increase Watson Drain Drainage and to improve drainage that involves 11 lakes in Barry County.

5.7 Scrap Tire Fires/Piles

On January 25, 2020, a metal pole barn with cars, car parts, and likely scrap tires, caught fire that firefighters responded with several water tankers to aid in this rural area fire for extinguishing. The Michigan HMP of 2019 declares less than $100,000 annual loss from, specifically, scrap tire fires statewide, however, agrees that scrap tire piles are a technological hazard that should be addressed for not only fires, but for pest hazard. Recently, MDARD issued an emergency in 2021 for the disease, Eastern Equine Encephalitis (EEE), that is mosquito-borne and spread by mosquitos that can breed in a scrap tire pile; rainwater can accumulate inside the tires and promotes mosquito habitat. EEE can be 90% fatal in livestock (if not vaccinated) and 33% fatal in humans. The State has policies and regulations for management and disposal; earthen berms, distances to property lines, chemical treating, control of vegetation, proper storage, and training for emergency response operations.

Barry County holds several waste collections events for the public that includes household wastes, scrap tires, and medicines collections each year that take place in the Spring and Fall with fees waived for cars, truck, and tractor tires.

6.0 MANMADE HAZARDS

6.1 Terrorism/ Sabotage (Small Scale)

According to the 2019 Terrorism Risk Insurance Report, globally, 230,000 people lost their lives to terrorism in the last decade, however, that number decreased in 2018 by ¼, and on the rise, appears to be near work place terrorist incidents as becoming a growing concern for employers. In 2002, FEMA published, "Managing the Emergency Consequences of Terrorist Incidents; Interim Planning Guide for State and Local Governments," in response to the incident of the 9/11 attack of 2001 on the Pentagon, New York and Washington D.C to provide a perspective on issues and protocols that need to be incorporated into the planning process. Our country has seen other attacks on federal buildings and public schools that also is provided as acknowledgements in the 2002 FEMA guidance. According to the SHA, terrorism hazards may include the following:

- Bombings
- Information warfare
- Ethnic/ religious/ gender intimidation, or hate crimes
- State and local militia groups that advocate the overthrow of the federal government
- Eco-extremism, or attempting to destroy or disrupt specific research or resource-related activities
- Premeditated attacks on schools, workplaces, transportation systems or other facilities of public assembly
- Organized criminal activities

Terrorism is unpredictable, though the County can be prepared to mitigate certain situations, should they occur. Small Scale Terrorism is an intentional event to cause harm and even death to specific targets and to a premeditated extent using weapons, and chemical and biological agents. Any public facility or infrastructure can be vulnerable to a small-scale attack, especially businesses engaged in controversial activities and public and private computer systems are potential targets. Also, large events of recreational and cultural nature can be vulnerable that attracts people from outside the County.

A public event, such as the Gilmore Car Museum near Hickory Corners held many times in a given year can see a large gathering and attract over 2,500 people. Charlton Park in Hastings Township holds several large events creating crowds of up to 22,000 people, and the County Fair draws a large crowd of 12,000 people every year. Significant losses could occur with these events in a premeditated terrorism attack. Types of small-scale terrorism can be in the form of the following in Barry County:

- Agriterrorism, contamination of food, food supplies, crops, introduction of disease agents, pests, or harmful means to harm crops and livestock
- Airport terrorism, hijacking of an airplane, airplane theft or flight training can lead to a terrorist attack
- Hazardous Material Release, release into the soil, gaseous, or liquid contamination even leading to explosions and fire

- Explosives, detonation of any device of varying sizes
- Arson/ Armed Assault,
- Water Supply Pollution, contaminates into a local water supply and can have extended hazard duration (Hastings, Middleville, Nashville, Gun Lake, Freeport, and Delton have municipal water supply)

The Strategic National Stockpile Program (SNS) was developed to respond to small scale terrorism and Public Act 12 of 2014 amends the Fire Prevention Code to modify school drill requirements, to adopt and implement practices and must hold six fire drills, two "lockdown" drills, and at least one tornado drill per school year to aid in prevention and preserve health and life in such an incident.

6.2 War/ Nuclear Attack/ Weapons of Mass Destruction (WMD) (Large Scale)

In 1961, President John F. Kennedy had a solution for nuclear war; fallout shelters. In the 1950's and 60's public schools, even elementary schools, were built with basements for use only as a fallout shelter with fallout shelter symbols on the access doors, that have since been torn down, or no longer in use. Barry County is not a major population center and is not home to a major political, cultural, or controversial economic symbol, the potential targets of an international-profile terrorist attack or war in Barry County is slight. The large-scale terrorism hazards listed in the FEMA guidance of 2002 are as follows:

- Weapons of Mass Destruction (WMD) Hazard Agents, poisonous chemicals, disease organisms, radioactivity, explosives, combination of hazards.
- Low-Tech Devices and Delivery
- Infrastructure Attack (electric power, oil and gas fields, banking and financing, telecommunications)
- Cyber Terrorism, malicious use of information technology

Public service buildings in Barry County still could be a potential target; County Court offices, local schools, the County jail, water supply facilities, the Spectrum Health Pennock Hospital, and the Hastings City/Barry County Airport.

Potential cost estimates from losses are difficult to assemble on vulnerable structures, however, real and personal property for these facilities may provide an approximate base estimation using today's inflation rate:

- Barry County Courthouse - $4,542,853
- Barry County Courts and Law Offices - $9,238,136
- Barry County Sheriff Dept/Jail - $4,024,441
- Water Supply Facilities;
  - Village of Middleville - $6,311,173
  - City of Hastings - $12,622,346
  - Village of Nashville - $3,155,586
- Spectrum Health Pennock Hospital and Equipment - $157,779,323
- Hastings Airport 9D9 - $473,338 (Hangars and Administration Building)

A Large-scale attack on nearby highly populated cities, Chicago and Grand Rapids, Barry County may experience corollary effects with inbound migration for those evading an attack. Chicago and Grand Rapids are home to large corporations, entertainment icons, and may have damage to economics, and cultural effects.

In July 2013, FEMA increased downwind effects from a Nuclear Power Plant to 50 miles (ingestion exposure pathway) for the Emergency Planning Zone (EPZ) which ranges 10 miles into Barry County at the southwest corner (Prairieville Township) from Palisades Nuclear Power Plant, Covert, Michigan (40.59 miles WSW of Barry County). Palisades is a one-unit, pressurized water reactor rated at 789-megawatt capacity with an estimate of 1,440,338 population affected by an EPZ incident that includes Barry County (2007 FEMA estimates). A failure of Palisades could potentially impact 9,000 people in Barry County (Please see Barry County 10-mile impact map):

- Prairieville Township – 3,520 population
- Orangeville Township – 3,469 population
- Cloverdale – 1,000 population
- Delton – 872 population
- Hickory Corners – 159 population

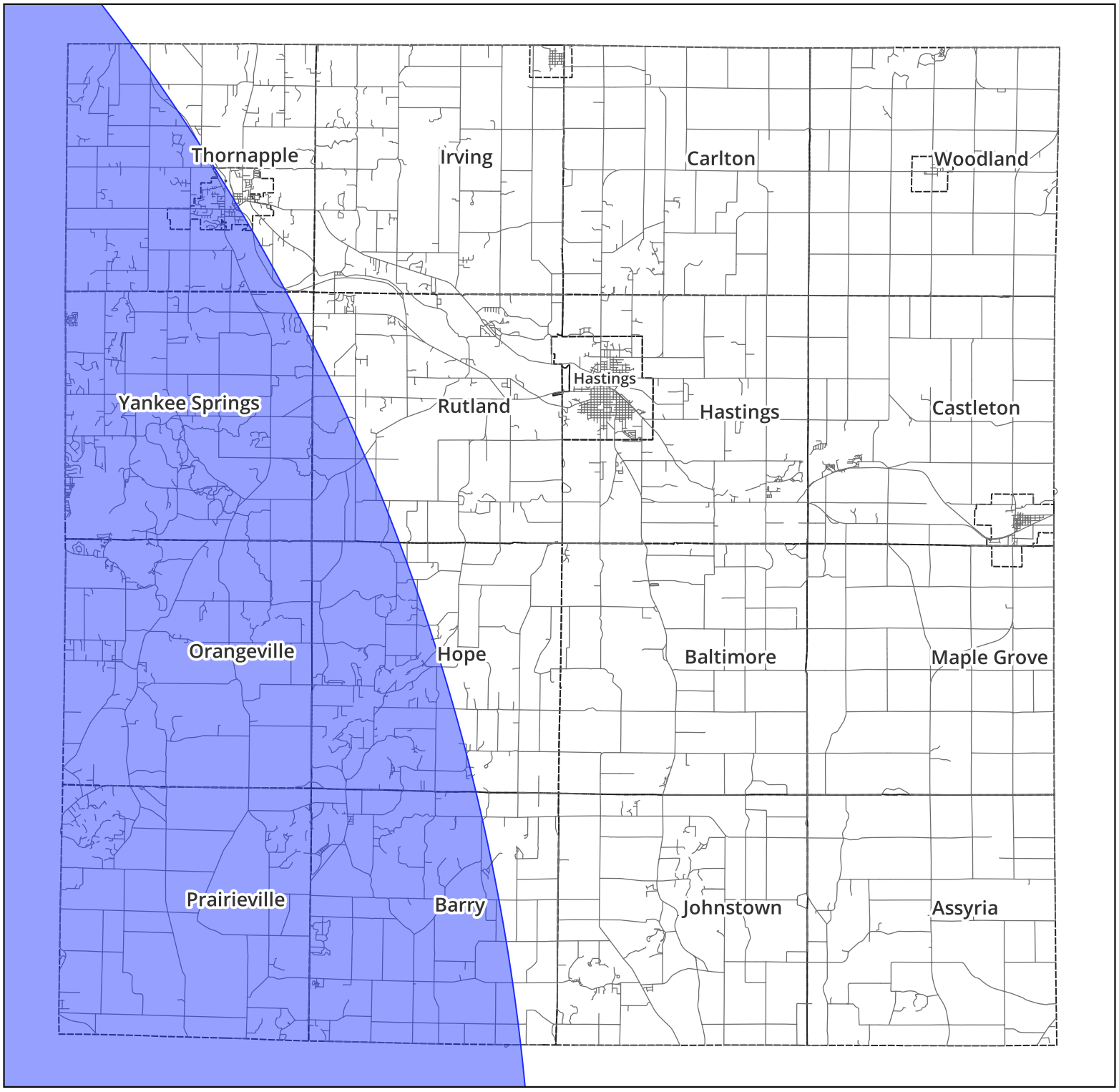
On February 27, 2015, the Nuclear Regulatory Commission (NRC) increased oversight to the Palisades Nuclear Power Plant due to a clerical error, that did not result in any harm, and in 2005, the plant petitioned to continue operations for another 20 years. Donald C. Cook Nuclear Plant in Bridgman, MI (Cook), is not within the 50-mile range to Barry County and is further south along the Lake Michigan shoreline. Cook is comprised of two pressurized water reactors; one rated at 1,020 megawatts, and the other at 1,090 megawatts that would impact an estimated 1,328,075 population if a failure occurred (2007 FEMA estimates). A potential hazard from these two nuclear facilities would include pollution and radiation because Barry County is downwind from them. The Michigan HMP of 2019 states that less than $100,000 annual loss with few occurrences for Michigan's three (3) Nuclear Power Plants.

6.3 Livestock Operations

Michigan is the #2 Dairy producing state in the country and Dairy Farms are 24% of Michigan's Agricultural Revenues ($15.7 Billion) with 1,800 Dairy farms, and Barry County is home to Dairy Farms and livestock operations in the Village of Freeport, Johnstown Township, and Prairieville Township with approximately 8,000 and more cows in the area. The cattle/cow industry is regulated by the State and provides NPDES permits that increases crops to agriculture farms, but can produce waste by runoff (especially in sandy soil). The State limits the waste disposal in certain winter months under Concentrated Animal Feeding Operations CAFO, and farmers must have 6 months of storage capacity. With livestock operations, comes waste handling of manure and dairy waste; Barry County acreage of fertilized land is between 50,000 to 100,000 acres and is surrounded by counties with 100,000 to 300,000 acres fertilized land. Michigan Department of Agriculture and Rural Development (MDARD) updates the Right to Farm program annually to aid and protect farmers from complaints and provides generally accepted practices.

Palisades Nuclear Plant 50-mile Buffer

Barry County, Michigan



Barry County Land Information Services
09/21/2021
NAD_1983_StatePlane_Michigan_South_FI

The hazard from fertilizer and dairy wastes is nitrates, nitrites, and other trends that can accumulate and infiltrate into the drinking water aquifers. Growing trend from 2007 to 2017 showed an increase in nitrates and nitrites (indicators of Nitrogen) to over 5 mg/L Nitrates in drinking water well sources. Approximately 30% of drinking water wells have failed the nitrates/nitrites testing (over 10 mg/L Nitrates and over 1 mg/L Nitrites) in Barry County according to the Barry-Eaton Health Department, and is approaching this number in many more water wells.

Since 2016, Barry Conservation District has been in the process of reducing Nitrogen, Phosphorous, Biological Oxygen Demand (BOD), and Sediments on an annual basis and in the Annual 2020 Report provides a reduction in Nitrogen by 22,952 lbs, Phosphorous by 6,314 lbs, BOD by 72,584 lbs, and Sediments by 1,342 tons along the Thornapple River Watershed. The reductions in waste are ongoing with a 10-year plan that has over $17M in funding that 38% (or $6.5M) will be spent on the Thornapple River Watershed Management Plan (TRWMP) (approved by the State) to continue improving the natural resources of Barry County, including the aquifers, fishing habitat, and many other benefits. The funding is 40% Federal, 44% State, and 8% County contributions.

The Thornapple River Watershed covers 80% of Barry County and eleven (11) of the 24 subwatersheds are sub-Thornapple River Watersheds that range through Barry County:

From East to West subwatersheds:

1. Headwaters of Mud Creek -start of the subwatersheds
2. Mud Creek (409 acres and 30 feet deep)
3. Thornapple Lake
4. Quaker Brook
5. Butler Creek
6. High Bank Creek (Fine, Mill, Long and Bristol Lake chain)
7. Cedar Creek (Wall Lake)
8. Fall Creek (Jones, Wilkinson, Cloverdale and Long Lake chain)
9. Glass Creek (Guernsey Lake)
10. Algonquin Lake (on Sand Creek)
11. Turner Creek
12. Duncan Creek (Duncan Lake)

Glass Creek has an annual groundwater recharge from infiltration at a rate of 12 to 22 inches with the remaining watersheds in Barry County at 7 to 11 inches annually. Glass Creek is more vulnerable to contamination due to a higher infiltration rate. Most impacted subwatersheds were reported to be Turner Creek, High Bank Creek, Algonquin Lake, Cedar Creek, and Quaker Brook [Source: TRWMP, June 2016, p.12]

Other methods to reducing constituents in soil and groundwater includes, no till, reduced till, and cover crop methods, which is practiced by farms in Barry County. In Barry County 16% are no till, 14% are reduced till, and 8% are cover crop, and in using these methods allows for the land to recover from over fertilizing and further protection of natural resources.

6.4 Agricultural Pesticides

According to the US Department of Agriculture (2017 report), Barry County has 157,624 acres of farm land with 4,901 acres of irrigated farm land (3% of farm land) and 31% are crop farmlands or 48,000 acres of crops. The Agriculture Promotion Board is responsible for overseeing Barry County's agriculture preservation program, which protects farmland from development, ensuring its economic, ecological, and cultural benefits for future generations. Agricultural pesticides and herbicides were mainly used in potato and cotton crops in 1960 to 2008 (in general), and trends in pesticides have increased for corn, soybean, and wheat as well, by 1980's due to economic factors influencing pesticide use. Agricultural pesticides and herbicides are used on farmland throughout Barry County, which is mapped on the following page (Land Use Map for Barry County, MI). Agricultural lands in the County are mainly used for corn for grains, corn for silage or greenchop, oilseeds, dry beans (soybeans), and dry peas, nurseries (greenhouse, floriculture and sod), and for other crops and hay.

Mosquitos play a role in the use of pesticides because of outbreak of diseases spread by bites to animals and this occurred in 2019 and 2020 with MDARD issuing an emergency rule for pesticide-use to fight a disease, on September 14, 2020, that can impact both human and animal health. Pesticides and herbicides are necessary in rural communities, and are regulated, however, when improperly managed, can pose risks to the environment effecting water quality. A pesticide is any substance meant to destroy, mitigate or prevent a pest. Pesticides can be spread into the environment by rainwater run-off, accidental application, irrigation and wind transport.

6.5 Pandemics

According to the Center for Disease Control and Prevention (CDC), a pandemic is a global outbreak of a new (or novel) virus (usually influenzas) emerging which is able to infect people easily and spread from person to person in an efficient and sustained way and very few people have an immunity against the pandemic virus with a capacity for causing illness and even loss of life. The United States is currently not experiencing an influenza pandemic, rather, there is an ongoing pandemic to the novel coronavirus (COVID-19) and subsequent variant virus's (alpha, and delta variants).

Should the United States experience an Influenza A virus pandemic, the Influenza A can change in two different ways; 1) Antigenic drift, which are small changes or mutations in the genes of the influenza virus which humans may be able to build an immunity from existing antibodies, and 2) an Antigenic shift (can be animals to human infection), meaning abrupt, major change in an influenza A virus that can result in the emergence of a new influenza virus where no immunity is built. In 2009, the H1N1 virus was a potential pandemic threat to the United States, fortunately, this did not happen, but gave the US a heads-up on potential pandemics and governments and businesses developed critical/ essential preparedness plans to identify critical personnel and essential activities to maintain business and public safety at minimal staffing and operations.

On March 27, 2020, FEMA declared a Michigan COVID-19 Pandemic Disaster (DR-4494-MI), a pandemic was identified on January 20, 2020, and the public was notified. A pandemic can be

experienced in any part of the US and even in a rural community, such as Barry County, where 10% of the population was seriously impacted by the novel coronavirus, and corollary impacts to government operations and business occurred. The initial reaction to the novel coronavirus was testing individuals for the virus at local testing stations or areas in a manner to not spread the disease at these testing centers; drive-thru testing, social distancing, wearing facial masks and other PPE (gloves, face shields). Then, the response progressed to limiting "traffic" through grocery stores, restaurants, gyms, and public schools and governmental buildings were not allowing in-person visits and many relied upon virtual visits and online computer communications to provide social distancing to prevent the spread of the coronavirus. Other practices included social distancing (6 feet), washing hands frequently, using hand sanitizer, wearing masks, and later, vaccinations to inhibit exposure and the spread of a virus, and limit effects of the disease.

The cost of this devastating pandemic in Michigan is listed on FEMA as follows, as of July 29, 2021):

Individual Assistance Approved -	$ 28,659,756.73
Public Assistance Grants -	$400,110,215.03

Hazard Mitigation Assistance (Hazard Mitigation Grant Program (HMGP) - $0

Barry County had an unemployment rate of record high at 22.0% in April 2020 due to the pandemic and the shutdown of many business and public services (schools and government), and recovery is happening with unemployment at 4.6% in May 2021. As of July 29, 2021, 42.07% of the population in Barry County is fully vaccinated against the COVID-19 virus. No counties are 100% vaccinated at this time, most likely due to availability of the vaccine or personal choice.

Neighboring counties are in the process of a fully vaccinated population (July 29, 2021);

Allegan County 43.53%,
Calhoun County at 39.83%,
Kalamazoo County at 51.11%,
Ionia County at 39.66%,
Kent County at 51.60%, and
Eaton County at 48.72%.

Long-term effects of the COVID-19 pandemic are still being felt across the country one year after the outbreak. The Pandemic of 2020 is still affecting response time and business and government in 2021 due to a lack of personnel and availability of products; for instance, Roadways in Barry County were not able to have dust control due to a lack of truck drivers in June 2021. In June 2021, reports in the media have stated that availability and delay of retail consumer goods will be affected by the pandemic and many business closures happened in the first half of 2020; motor vehicles and parts, furniture and home stores, electronics and appliances, building materials (lumber) and equipment, food and beverages, health care and personal products, cleaning supplies, clothing, and many other products.

7.0 MITIGATION PAN

The Mitigation Plan is designed to address the hazards identified for Barry County and a planning process for implementing Goals and Objectives and Action Strategies to reduce or eliminate business losses, loss of life, property, and functions due to any of the hazards in the HMP. Not all hazards were identified for an Action Strategy for this HMP, rather, a select of action strategies are presented based on education of the public, regulatory codes such as zoning and ordinances, cooperation with state entities, and acquisition/ relocation to flood-prone areas.

7.1 Goals and Objectives

Goals and objectives form the policy foundation for this HMP. They essentially define the improvements and visions the HMP must achieve and support. As such, statements of goals need to be as clear as possible, stated in compelling terms to inspire action. The most effective goal statements will be in a positive term, realistically achievable, and reflect a consensus.

7.1.1 Floods

7.1.1.1 Goals of Flood Mitigation

Reduction in loss of property, elimination of repetitive loss from floods, and improve egress. Growth via development has occurred in Thornapple Township and Irving Township due to the proximity to the large city of Grand Rapids that is 8 miles from Barry County.

7.1.1.2 Objectives of Flood Mitigation

a) Barry County has established an ordinance to allow development with maintaining a base flood elevation (BFE) of 1-foot to prevent new development flooding, annually. This objective is to establish an ongoing Floodplain Acquisition Plan that includes identification of flood prone properties, prioritization based on likelihood of event occurrence, and a capital improvements element for the purchase of property for conversion into less intensive uses.

b) Where appropriate, rezone identified high-risk flood prone areas to preclude further development. In 2013, FEMA revised the Gun Lake Area, annual flooding, with a Letter of Map Revision (LOMR), in Yankee Springs.

c) Develop and adopt a Flood Response and Recovery Plan that includes provisions to remove homes that flood annually and to raise homes at the fringe of floodway areas above the 100-year floodplain. In review of FEMA Letters of Map Amendments (LOMA) from 2009 to April 2021, no repetitive loss has occurred in Barry County due to flooding.

d) Create and promulgate comprehensive storm water management stipulations and work with local municipalities and neighboring counties so stipulations are adopted Countywide and within the greater region. The Drain Commission has responded to flooding by reducing water lake levels with NPDES permits from the State to address immediate flooding in the past 3 years.

e) Develop a program which would construct alternative bridges to promote egress and minimize isolation in wash-out events. FEMA Building Resilient Infrastructure and Communities (BRIC) grant was developed in 2018 for mitigation funding to improve egress from flooding roads by constructing drainage areas and other egress issues (HUD and FEMA cost share, CDBG – Disaster Recovery (DR) funds).

7.1.2 Thunderstorms

7.1.2.1 Goals of Thunderstorm Mitigation

Provide adequate warning time in the event of a thunderstorm that can develop high winds, hail, lightening and tornadoes.

7.1.2.2 Objectives of Thunderstorm Mitigation

a) Review existing gaps in siren coverage; Six (6) Sirens are located in Barry County, Freeport, Hastings, Middleville, Orangeville, Woodland, and Gun Lake State Park and testing occurs in April through October at 1:00 pm on the first Saturday of each month.

b) Implement a siren improvement program for existing siren coverage; Barry County residents are urged to purchase a NOAA Weather Radio or download the American Cross Tornado App, whom may be out of range of sirens.

c) Seek grants to fund improvement to the early warning system sirens.

7.1.3 Severe Winter Weather

In 2021, Barry County experienced a severe winter storm that impacted parts of the County for 15 consecutive days without electrical power. The Emergency Management Division provided shelter at public buildings (approximately 14 people used this service), fuel for household generators (many people used this service), and potable water for flushing toilets (many people used this service), and drinking water, as well.

7.1.3.1 Goals of Severe Winter Weather Mitigation

Improve response times and recovery from winter weather hazards, blizzards are the deadliest, will effectively protect the lives, economy, and health of people in Barry County.

7.1.3.2 Objectives of Severe Winter Weather Mitigation

a) Work with local municipalities to prepare emergency plans to define the capacity of County and local government to save lives, prevent injuries, protect property, and maintain and support for the jurisdictions' residents.

b) Promulgate self-protection measures to mitigate the effects of hazards on private property.

c) Improve strategies for jurisdictions to snow plow and augment cost effectiveness measures in areas with sensitive population (elderly and disabled).

7.1.4 Extreme Temperatures

In general, the Mississippi River is considered the “20-inch line” where states on the east side experience 20 inches or more of rain per year (humid climate), and states on the west side experience less than 20 inches of rain (dry climate). Michigan is within the humid climate and while the summers are not as warm, the humidity can be a factor on the heat index in Barry County (Appendix I Heat Stress/ Heat Stroke/ Cold Stress).

7.1.4.1 Goals of Extreme Temperature Mitigation

Educate the populous on the dangers of extreme cold (cold stress, frost bite) and extreme heat (Heat Stress, Heat Exhaustion, and Heat Stroke) and the dangers posed by this hazard to protect and for prevention.

7.1.4.2 Objectives of Extreme Temperature Mitigation

a) Develop and promulgate educational materials on identifying danger symptoms, the hazards, corollary effects, and mitigation techniques of extreme temperatures.

b) Organize an outreach to vulnerable populations during extreme temperature periods, including fostering awareness of accessible heating and cooling centers within Barry County.

c) Encourage families to develop a family disaster plan that includes preparation of a disaster supply kit.

d) Seek grants and other funding and implement resultant programs to educate and assist farmers of devasted crops due to severe weather conditions.

7.1.5 War/ Nuclear Attack/ WMD/Nuclear Powerplant failure (Large Scale)

In Michigan, the Michigan State Police, Critical Incident Management System (CIMS) will respond to a FEMA National Incident Management System (NIMS), a part of the Incident Command System (ICS), through the Integrated Public Alert & Warning System (IPAWS), and notify local municipalities via the State Emergency Operation Center (SEOC) located in Lansing, MI, and will work with local requests through CIMS and coordinate with FEMA state representatives. Four factors exist to prevent and mitigate, if unavoidable:

1. Prevent and Mitigation
2. Preparedness (Hazard Mitigation Plan (HMP) and Emergency Operation Plan (EOP))
3. Response (Training & Residents Education)
4. Recovery (shelters for people - sites) and network with the state.

7.1.5.1 Goals of War/ Nuclear Attack/ WMD/ Nuclear Powerplant failure Mitigation
In the event of a large-scale war incident or Palisades Nuclear Powerplant failure, damage to public and private property will be minimized, residents will be protected from injury, and essential services will be maintained.

7.1.5.2 Objectives of War/ Nuclear Attack/ WMD/ Nuclear Powerplant failure Mitigation

a) Annually, review the local access to Michigan State Police SEOC or notification system to determine adequacy in the event of an incident to notify population.

b) Review the local access alert system to Palisades Nuclear Powerplant, Covert, MI, due to the 50-mile downwind impact and establish a chain of command.

c) Evaluate the adequacy of existing shelters throughout the County.

d) Work with local municipalities to develop and promulgate policy for insertion into building codes and other regulatory documents that require new public structures and buildings to include adequate shelter areas.

e) Implement a siren improvement program for existing siren coverage, since an incident could wipe out digital communications (cell phones, satellites).

7.1.6 Terrorism/ Sabotage (Small Scale)

7.1.6.1 Goals of Terrorism/ Sabotage Mitigation
Provide public safety to students, faculty, families, and population, in the event of a domestic or foreign small-scale incident.

7.1.6.2 Objectives of Terrorism/Sabotage Mitigation

a) Uphold emergency drills for the public schools; 6 fire drills per year, two “lockdown” drills per year, and at least one tornado drill per year.

b) Maintain training and ways of communication with emergency responders to the general public throughout the County to help prevent an incident, “know thy neighbor.” (First Response 911 dispatch, police, fire, hazmat, EMS)

c) Provide warning and evacuation (role of the local government), situation assessment, local agency coordination.

d) Request for mutual aid (other Counties) or for State Assistance (State’s role to provide technical assistance).

7.1.7 Industrial and Hazardous Substances Transportation

7.1.7.1 Goals of Industrial and Hazardous Substances Mitigation

Protection to people and property from a hazardous material transportation incident. An oil tanker roll-over on a road or highway can cost $100K to $170K for environmental cleanup of each incident with a duration of 2 months for cleanup completion, especially if a ditch is impacted with petroleum fuel that requires booms to control spreading of fuel. First Responders are at the scene first to handle the emergency, then, begins environmental cleanup.

7.1.7.2 Objectives of Industrial and Hazardous Substances Mitigation

a) Develop a Regional Transportation Plan, in cooperation with the County Road Commission and Michigan Department of Transportation (MDOT) to identify heavily trafficked roadways and to propose a rerouting scheme so that substantial shipments of hazardous materials avoid significant population and critical facilities.

b) Create public/private partnerships, where the County and various corporations can be in agreement regarding the routes of heavy vehicles transporting hazardous materials.

c) Use planning and zoning within local municipalities to minimize the impact of potentially hazardous industry by using buffers, landscaping, and performance standards, especially near residential areas and critical facilities. Such plans should be incorporated into the Master Plan.

d) Construct additional Class A roads, where appropriate, to lessen truck traffic on major thoroughfares.

7.1.8 Pandemic

7.1.8.1 Goals of Pandemic Mitigation

Protection to people and public health and safety. In May 2021, FEMA released “COVID-19 Pandemic Operational Guidance; All Hazards Incident Response and Recovery,” for state, local, tribal, and territorial (SLTT) governments to use.

7.1.8.2 Objectives of Pandemic Mitigation

a) Apply Lessons Learned from the 2020 Pandemic pertinent to the communities.

b) Provide up to date resources (checklists, reports) to adapt and revise to best respond and for recovery plans.

c) Review the preparedness plans for the communities for critical personnel (i.e. public safety) and essential activities (i.e. utility companies) to maintain County operations at minimal staffing.

d) Perform necessary activities to ensure public health and safety on a daily basis, when necessary; temperature checks, social distancing, hand-washing and sanitizer, wearing face masks.

e) Keep the County informed as the pandemic progresses and on recovery processes; from shut downs to opening back up and necessary activities.

7.1.9 Scrap Tire Fires Mitigation

7.1.9.1 Goals of Scrap Tire Fires Mitigation

The "Fire Triangle" for a fire to occur includes, 1) fuel, 2) heat, and 3) oxygen; most scrap tires are stored outside, but some locations may have scrap tires stored inside, as well. The goal of mitigation is to locate scrap tires and remove the "fuel" portion of the fire triangle.

Scrap tire piles can also be a human health risk due to the accumulation of mosquitos that can carry and spread disease to both animals and humans, such as Eastern Equine Encephalitis (EEE) the deadliest disease spread by mosquitos in Michigan where 90% of horses infected become fatal (if not vaccinated) and 33% of humans infected become fatal from this disease, according to MDARD. The goal is to remove scrap tires to eliminate areas where mosquitos can accumulate.

7.1.9.2 Objectives of Scrap Tire Fires Mitigation

Eliminate a potentially dangerous fire from forming in scrap tire piles; scrap tire fires billow with hazardous smoke and can cause an area-evacuation as a precaution to breathing in smoke; according to the USEPA, 34 target compounds can be emitted into the air from a scrap tire fire. Water and Fire-fighting foam is futile against a scrap tire fire, and the best way is to cover the fire with sand or dirt; although water can help adjacent buildings to succumbing to a fire.

Reduce the chances of potential exposure for both humans and animals to mosquito-borne diseases, such as EEE.

7.2 Action Strategies

Many of the hazards ranked in this HMP are already addressed throughout the County, and continue to be addressed in the long-term with planned funding and grants that have become available in recent years and the eligibility of Barry County to receive grants and funding by the hard work of other entities that have a vested interest in the wellbeing of Barry County and improved benefits of living in Barry County.

The following mitigation strategies are established to implement the goals and objectives of the HMP. The primary responsibilities for implementing the HMP rests with the County Planning Commission, Board of Commissioners, Emergency Management Coordinator, and County Planning Director. The afore-mentioned entities are also responsible for modifying the prioritization of the strategies set forth in this HMP to respond to shifting social and economic circumstances. A Hazard Mitigation Committee is developed to monitor the implementation of the

Plan, report to the County Board, Planning Commission, and local municipalities on its progress, and recommend revisions to this Plan, as necessary. The Local Planning Team, as required by the Michigan State Police Emergency Management Division, works in conjunction with the Hazard Mitigation Committee and also is accountable for implementation and maintenance of this Plan.

Implementation of the HMP can be accomplished through ordinances, programs, and administrative procedures. Some implementations and strategies require significant public and private investment, and some are modest and can be immediately implemented. Prioritization and Implementation of the Action Strategies will be the decision of the Hazard Mitigation Committee or the entities afore-mentioned for the best practice and feasibility of the strategy in the best interest for Barry County; estimated benefits, costs of implementation, inter-governmental cooperation, and public approval.

7.2.1 Floodplain Acquisition Plan and Flood Response Recovery Plan

On May 4, 2009, FEMA published Barry County, Michigan (All Jurisdictions) Flood Insurance Study and provided new zones for certain areas and revised Yankee Township Map in September 2013 to increase the area (AE Zone-1% Annual FP) around Gun Lake (consisting of 2,660 acres); one of the largest lakes in Michigan's lower peninsula and located in Yankee Springs and Orangeville Township and crosses the county line (Please see Maps for FEMA LOMR for Yankee Township for Gun Lake in Section 4.1).

In April 2009, the Village of Nashville adopted an ordinance for Barry County to take responsibility for floodplain management provisions in flood prone hazard areas designated by Barry County's FEMA Flood Insurance (NFIP). Cassville is interested in becoming a participant of Barry County's NFIP as of February 2021, but does not want the 1-foot BFE stipulation to apply.

Barry County has entered into a Floodplain Acquisition Plan and Flood Response and Recovery Plan to limit development within floodplains, and should be noted that since the inception of the FEMA NFIP in 2009, no repetitive losses were recorded in FEMA LOMA documentation.

The Flood Response and Recovery Plan would be to aid the County when demolition of a property is infeasible, cost prohibitive, or refused by property owner, and the Plan would identify high-risk structures to be moved or raised while remaining on the flood prone property. The Plan would also further identify areas where flooding occurs over roadways; Jordan and Cunningham Roads, Charlton Park Road, Wellman Road, Lammers Road, and Cloverdale Road. Flooding occurs on Pleasant Shores subdivision in Section 19 of Castleton Township, Bridge Park subdivision in Hastings Township, and Howard Point subdivision in Castleton Township. The new FEMA Building Resilient Infrastructure Communities (BRIC) grant became available in 2018 to improve egress during times of flooding.

7.2.2 Storm Water Management Polices

Much of Barry County flooding is handled through the Drain Commissioner by receiving NPDES permits to lower lake levels and pump water using storm water drainage systems from one area to another on the interim to a long-term strategy. The Watson Drain was adopted to be increased in 2018, and plans for connecting 11 lakes via drain systems is in the plans for the Drain Commission to mitigate flooding in the Delton, and Upper Crooked Lake area that has experienced annual flooding, since 2017, and encompasses Hope, Barry, Orangeville, and Prairieville Townships (Please see Proposed District Boundary for the Watson Drain Drainage District).

In 2021, Barry County Drain Commission and Planning Commission are preparing for improvements for Garbow Drain (Thornapple Township) and Wolcott Drain (Woodland Township). In addition, plans and revisions to the Watson Drain are under review to add and remove lands and are near the stage for decisions on contractors to begin construction. Each improvement must have a Notice of Public Hearing for the publics' input and a consensus across the county prior to commencing contractor choices and implementation of the improvement.

7.2.3 Severe Winter Weather Strategy

Barry County has an Emergency Winter Weather plan to implement strategies on property protection, snow-plowing, de-icing and public services for the communities. The Hazard Mitigation Committee directs studies and development processes with the Planning Commission, County Board, local jurisdictions, and County staff.

Barry County has preparedness for winter weather to provide and protect public safety and has provisions for residents including shelter, fuel for household generators, food, and potable water during severe winter weather that causes downed wires and residents are left without electrical power for long durations. Snow plowing and de-icing is also a part the Winter Weather strategies and responsibilities of the Emergency Management Committee.

7.2.4 Terrorism/ War (Nuclear hazards) Strategy

Barry County has established a Local Planning Team that consists of County Planning Commission, Board of Commissioners, Emergency Management Coordinator, and County Planning Director that is beneficial to handle more than one hazard threatening Barry County. The County will perform a study of existing and potential shelter areas, the capacity of each to provide necessary protection and ways to improve evacuation and response to an incident. All jurisdictions will be responsible for participating in potential shelters and evacuation procedures.

FEMA has increased **downwind impact** hazard to 50-mile radius (July 2013). Barry County's SW corner (Lat North 42.423409 Long West -85.528322) is 40.59 miles ENE of Palisades Nuclear Plant, Covert, MI, that would impact 9,000 people (10 miles into Barry County). The breakdown of the population effected is as follows:

Prairieville Township 3,520	Cloverdale 1,000	Delton 872
Orangeville Township 3,469	Hickory Corners 159	

Barry County will review mitigation procedures for evacuation procedures of people within the above-referenced communities, and devise a plan for recovery of property, cleanup measures of an ingestion hazard to a nuclear failure, and work closely with communities that would be affected by this disaster. Notably both Cook and Palisades Nuclear Power Plants are aging, and a petition to keep Palisades in operation exists until 2025.

7.2.5 Industrial Hazardous Transportation Strategy

Barry County Road Commission meets regularly on a monthly basis to address social and economic changes that effect the transportation, including dust control of roads during summer, improvements to bridges and roadways in all seasons, and provides a budget to handle these mitigation measures. Since the Drain Commission effect the Road conditions and travel, Barry County works in conjunction with the Board of Commissioners throughout the jurisdiction to plan and mitigate drainage, storm water pathways, and travel (egress) within the entire County.

Improvements in the planning include Cloverdale Drain located in Barry, Hope, Prairieville Townships and Barry County, that will improve Guernsey Lake Road drainage between M-43 and Head Road. This improvement includes 175 miles of new Broadband utilities, as well.

7.2.6 Pandemic Strategy

To best prepare for emerging incidents, emergency managers are encouraged to review response plans and guidance and synchronize community response actions with federal planning efforts and take protective measures for first responders for the disaster workforce. The following is a “Response Consideration Checklist” developed in the FEMA guidelines:

- √ Have you reviewed and shared available lessons learned from response operations conducted in the COVID-19 environment and incorporated best practices or recommendations into current plans?
- √ Do you have a plan to maximize vaccination efforts in advance of disaster activity periods? Have you established a system to track progress in vaccinating potentially impacted communities?
- √ Do you have a plan to determine which personnel will be physically deployed to the field and how they will be protected?
- √ Have you planned for the needs of vulnerable people with disabilities or elderly?
- √ Have you planned for the needs of socially vulnerable populations; non-English proficiency, impoverished persons with limited transportation to testing and vaccination locations?
- √ Do you have a plan to ensure equitable allocation of resources and services need to respond to an incident?

√ Does your community have an agreement to maintain social distancing in public transits to increase schedules to accommodate limited capacity?

FEMA has a grant-funding program available for preparedness, "FEMA Coronavirus Pandemic Response: Preparedness in a Pandemic Exercise Starter Kit,"

FEMA has a grant-funding program for Non-Congregate shelters; hotels, motels, and dormitories, "FEMA Emergency Non-Congregate Sheltering during the COVID-19 Public Health Emergency (Interim)" as part of the recovery plan from the pandemic.

FEMA's primary registration methods can be used in communities with little FEMA presences, www.DisasterAssistance.gov

FEMA encourages communities to include in an evacuation planning, the need for social distancing and to account for limited traveling and sheltering options, and increased time needed for evacuation of health care facilities.

Also, Barry County is dedicated to maintaining a system with partner jurisdictions that can facilitate response and recovery from a pandemic.

7.2.7 Scrap Tire Fires/Piles Strategy

According Michigan EGLE, Section 16908(2)(c) of Part 169, Scrap Tires, of the Natural Resources and Environmental Protection Act, of 1994 PA 451, requires that the Scrap Tire Regulatory Fund shall be used for Cleanup or collection of abandoned scrap tires and scrap tires at collection sites. Since 2017, the State has provided Scrap Tire Grants on an annual basis. The grant for 2021 required applications to be submitted by April 20, 2021, however, a grant should become available in 2022, and subsequent years for a community to remove scrap tires. To be a part of the grant program, Barry County may contact Michigan EGLE early next year (FY2022) at EGLE-ScrapTire@Michigan.gov , although Barry County already has several annual scrap tire collections as part of a public waste collection program in the Spring and Fall that includes car tires, truck tires, and tractor tires with the fee waived for most collections.

On April 30, 2021, Michigan EGLE provided $4.7M in awards to firms and County Road Commissions for the scrap tire development for new uses of used scrap tires. Some of the benefits include to shred scrap tires and use as Riprap or pellets for improving drainage along ditches and water streams, for modified asphalt covering, golf course bunker lining, and even in wetlands. https://www.michigan.gov/som/0,4669,7-192-47796-558153--,00.html

8.0 PLAN MAINTENANCE

The HMP will be monitored on an annual basis by the Local Planning Team for Barry County and compile revisions and additions to the HMP that should be included in the 5-Year planning process for the HMP update. Barry County leaders meet on a monthly basis to discuss all aspects of County and jurisdiction business, and has the capacity to respond to plans that involve a consensus of the partnerships and jurisdictions. An HMP provides information to enhance the actions and responsibilities of all people of Barry County, and not just the leadership, and promotes corroboration response measures of potential situations pertinent to the people of Barry County.

Criteria to evaluate the Plan will include assessment against other studies and research that are conducted as a result of the recommendations of this plan, the annual reports of the Emergency Management personnel, and public comment received at public hearings and other meetings. The goal will be to modify the Plan as necessary to reflect new Hazard information, progress report conclusions, and concerns of the general public. FEMA recommends the HMP be updated, adopted, and approved every 5-years.

Incorporation and Participation, local governments comprising Barry County, but not under County planning and zoning, are encouraged to incorporate the plan, standards, objectives, and implementation mechanisms in the HMP into local planning strategies, where appropriate.

9.0 ACRONYMS AND TERMINOLOGY

BCD Barry Conservation District
BRIC Building Resilient Infrastructure and Communities (new FEMA grants in 2018)
CDBG Community Development Block Grant (a CPD program-Federal funding)
CERCLA Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CIMS Critical Incident Management System
CPD Community Planning and Development (HUD Office of)
DNR Michigan Department of Natural Resources
DR Disaster Recovery
EGLE Michigan Department of Environment, Great Lakes, and Energy
EMD Michigan State Police Emergency Management Division
FEMA Federal Emergency Management Agency
FERC Federal Energy Regulatory Commission (regulates dams with hydropower)
HMP Hazard Mitigation Plan
HUD Department of Housing and Urban Development
MDARD Michigan Department of Agriculture and Rural Development
NCEI National Center for Environmental Information (formerly known as National Climatic Data Center (NCDC))
NID United States Army Corp of Engineers, National Inventory of Dams
NIMS National Incident Management System (a part of Incident Command Center (ICS))
NPDES National Pollutant Discharge Elimination System
NPS Non-Point Source
RCRA Resource Conservation and Recovery Act of 1976
SARA Superfund Amendments and Reauthorization Act of 1986
SEOC State Emergency Operation System
SHA State Hazard Analysis
USEPA United States Environmental Protection Agency
USGS United States Geological Survey

10.0 BIBLIOGRAPHY

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Dam Removal Improves Dissolved Oxygen Concentrations in the Thornapple River, by Michigan Dept of Environmental Quality, https://www.michigan.gov/documents/deq/wrd-nps-success-ThornappleRiverDO_431348_7.pdf

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Annual Report 2020, Barry Conservation District

FEMA Coronavirus Pandemic Response: Preparedness in a Pandemic Exercise Starter Kit, May 2021

US Army Corps of Engineers, National Inventory of Dams, 2018

US Census Reporter online

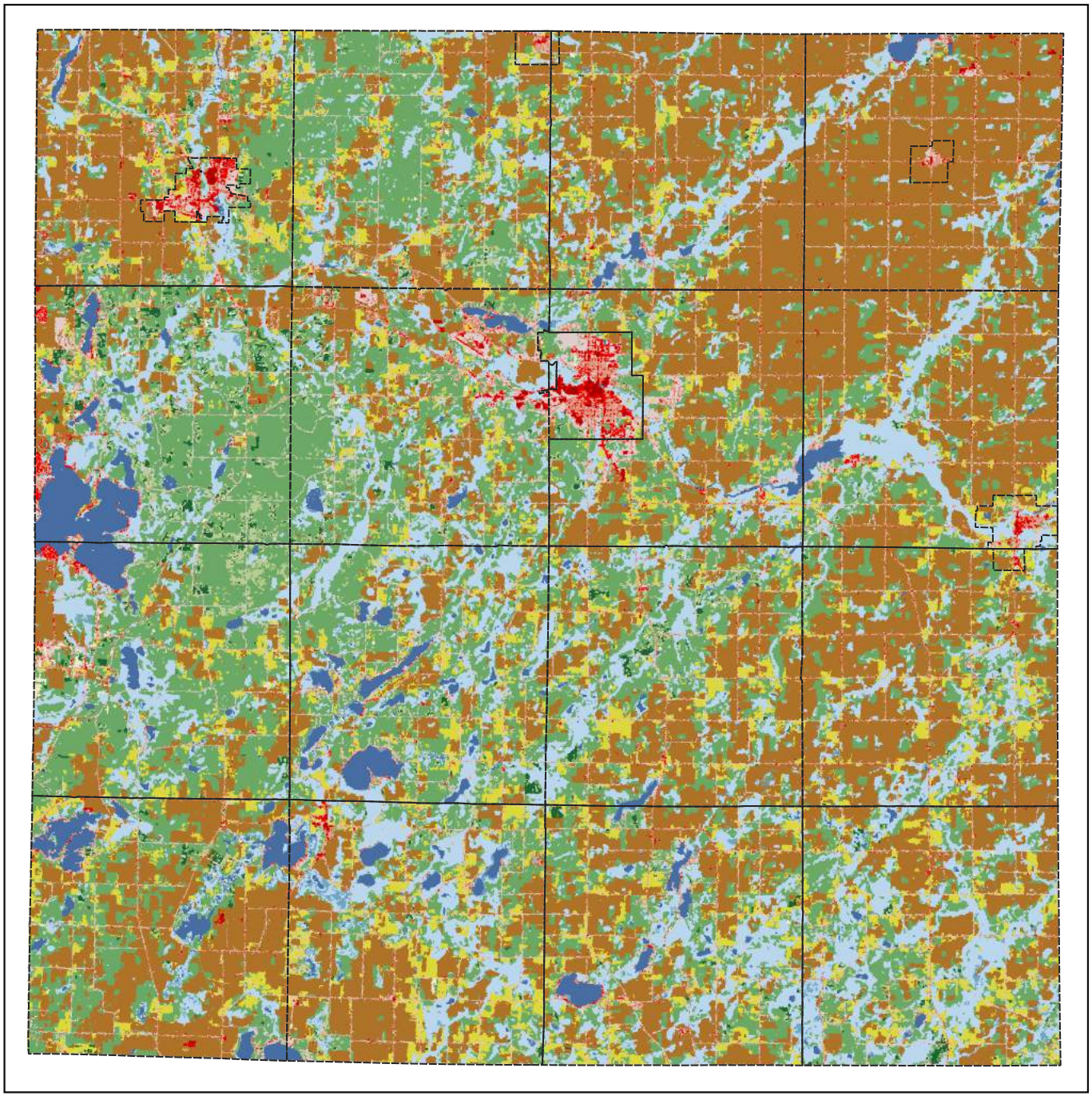
US Census Bureau 2020

NOAA, National Centers for Environmental Information; tornadoes

Barry County, Board of Commissioners Libraries online

Land Cover

Barry County, Michigan



NLCD 2019

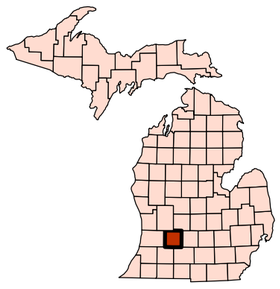
- Open water
- Perennial ice
- Developed, open space
- Developed, low intensity
- Developed, med intensity
- Developed, high intensity
- Barren land
- Deciduous forest
- Evergreen forest
- Mixed forest
- Dwarf shrub
- Shrub/scrub
- Grassland
- Sedge
- Lichens
- Moss
- Pasture/Hay
- Cultivated crops
- Woody wetlands
- Herbaceous Wetlands

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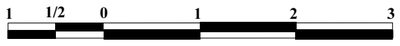
Soruce: National Land Cover Database
mrlc.gov/

Barry County Land Information Services
08/03/2021
ESRI:102690

Barry County Michigan







Scale in Miles
1" = 1.5 mile

N W E S

Legend

	Paved	Gravel
State Highways	50	
County Primary Roads		
County Local Roads		
Private Roads		
County line roads -maintained by BCRC		
State/Federal Lands		

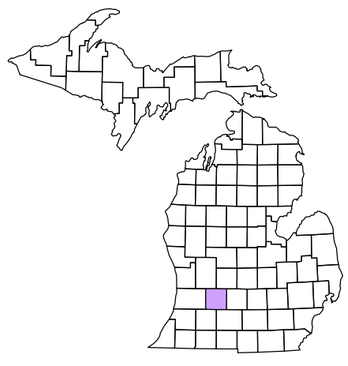
- Historical Sites
- Public Access Sites
- Golf Courses
- Trails
- Trailhead
- Parks
- Places of Interest

See reverse side for inset maps of the city, villages, and congested lake areas.

Barry County Land Information Service
David Shinavier – GIS Coordinator
Rosemary Anger – GIS Technician
January 2018

National Wetlands Inventory (circa 1983)

Map Locator



Barry County, Michigan

- Forested Wetland
- Shrub-Scrub Wetland
- Emergent Wetland
- Aquatic Bed
- Unconsolidated Shoreline
- Water

N W E S

Scale
1 inch = 8000ft

Barry County Land Information Services
December 2007

APPENDIX A

QUESTIONNAIRE FORM

AND

RESPONSES

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

CURRENT HAZARD RANKING FROM 2005 PLAN:

Hazard Threat Rating: Red - High Hazard Threat

Dark Green – Significant Hazard Threat

Yellow – Low Hazard Threat

Grey – Very Low Hazard Threat

Natural Hazards (Rank)	Man-made Hazards (Rank)
Winter Weather Hazards (High)	Hazardous Materials Incidents - Transportation (High)
Extreme Temperatures (High)	Terrorism/Sabotage – Small Scale (High)
Lightning (Significant)	War/Nuclear Attack/WMD- Large Scale (High)
Severe Winds (Significant)	Structural Fires (Significant)
Riverine Flooding (Significant)	Infrastructure Failures (Low)
Tornadoes (Low)	Pipeline Accidents – Oil/gas (Low)
Drought (Low)	Transportation Accidents – Emergency (Very Low)
Hail (Very Low)	Civil Disturbance (Very Low)
	Scrap Fire Tires (Very Low)
	Dam Failures (Very Low)

Barry County's most severe and frequent hazards are extreme temperatures, severe winter conditions, and flooding in the past and on an annual basis. The most vulnerable is the aging community. The latest information of at-risk population is persons 65 years and over as 18.9 percent (11,633 persons) in Barry County with the latest population count of 61,550 population (July 2019). Please keep in mind the Hazards in the past 15 years:

Agency Representing:

Match E Be Nash She Wish Band of Bodewademi (aka: Gun Lake Tribe Tribe of Pottawatomi Indians)

Name and Title: Brant Mitchell Emergency Management/Safety Manager

Contact information: (phone)269-397-1836, (mobile)616-916-2153

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Please review each question, and provide your opinions and email your responses to Rebecca.hart@2etc.com :

1.) Does your agency deem **severe weather** (temperature extremes and winter conditions) is still the highest hazard threat to Barry County residents (Vulnerability Assessment (44 CFR Part 201.4(c)(2)(ii) and (iii)) Note: Thorn Apple Lake, Jordan Lake, Delton area have been impacted with flooding in the past 15 years.? XX Yes _____No If no, please provide the highest hazard conditions that should be included in the HMP update:

2.) In reference to question 1. Does your agency have accumulated "costs of losses to assets" that occurred providing your community with aid during severe weather conditions (flooding conditions – repetitive losses)? ____ Yes XX No if yes, can you provide a brief cost to losses?

3.) FEMA has increased **downwind impact** hazard to 50-mile radius (July 2013). Barry County's SW corner (Lat North 42.423409 Long West -85.528322) is 40.59 miles ENE of Palisades Nuclear Plant, Covert, MI, that would potentially impact 9,000 people (10 miles into Barry County)

Prairieville Township 3,520	Cloverdale 1,000	Delton 872
Orangeville Township 3,469	Hickory Corners 159	

Does your agency deem this potential hazard to be ranked? XX Yes _____No If so, please provide a Hazard Threat Rank ___High ___Significant XX Low ____Very Low

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

4.) The 2005 HMP discusses development updates proposed:

- overhead electrical moved to underground and
- drain/drainage updates and include them in the update plan (Barry Township – Delton area). (44 CFR Part 201.4(d)).

Does your agency have information that these updates were performed, or due to circumstances, these proposed activities remain to be updated? __ Yes **XX** No Please explain, **W**e currently do not have structures in the Barry County area. We do however focus on utilizing best practices to minimize negative impacts.

5.) In review of question 4. Does your agency have plans to updated or provide development for improvements? And Does your agency have further Proposed developments for this 5-year HMP update? ____Yes **XX** No, if yes, Barry County is most interested in your agencies proposed developments:

6.) Mitigation Goals and Objective and Action Strategies Updates: Approximately 788 properties have been affected from flooding in the past 15 years In Barry County (NFIP and US Army Corp of Engineers data).

Due to the popularity of the City of Grand Rapids (15 miles north of the county line) in the adjacent Kent County, Barry County has seen an increase in development in areas that may be sensitive to flooding and may need to provide a new or updated goal to include recent property development in floodplain areas (repetitive loss due to flooding) pursuant to 44 CFR Part 201.4(c)(3). Does your agency deem a limit/ordinance on infrastructure to prevent development

QUESTIONNAIRE for HAZARD RANKING

within frequent floodplains to be beneficial to Barry County to future plans? ____Yes XX No

Please explain

7.) Consider the current hazard rankings on Page 1. Does your agency deem that any changes or updates be made to the Hazard Rank Threat for each hazard? If so, please provide an explanation. (High, Significant, Low, Very Low)

Natural Hazards (Rank)

Winter Weather Hazards (High)

Extreme Temperatures (High)

Lightning (Significant)

Severe Winds (Significant)

Riverine Flooding (Significant)

Tornadoes (Low)

Drought (Low)

Hail (Very Low)

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING
Man-made Hazards (Rank)

Hazardous Materials Incidents - Transportation (High)

Terrorism/Sabotage – Small Scale (High)

War/Nuclear Attack/WMD- Large Scale (High)

Structural Fires (Significant)

Infrastructure Failures (Low)

Pipeline Accidents – Oil/gas (Low)

Transportation Accidents – Emergency (Very Low)

Civil Disturbance (Very Low)

Scrap Fire Tires (Very Low)

Dam Failures (Very Low)

8.) Potential Low Hazard, Much of Barry County is agriculture and cattle/dairy farms. The potential hazards are low from methane; however, some dairy/cattle farms may have excessive nitrogen that can impact groundwater should a shallow water well contain elevated nitrogen (an odorless gas that displaces oxygen); can cause blue-baby syndrome by asphyxiation, this is a rare condition

and requires much liquid fertilizer to be pumped by usage of a water well causing drawdown and infiltration of contaminants. Does your agency deem this to be considered on the Hazard Rank, or just educational information? ___Yes on Hazard Rank XX No, educational info only

9.) Other Hazards, not discussed or considered, that your agency deems should be addressed in the Update to the HMP: (Barry County values your input and considerations). Request notification of the Gun Lake Tribe Historical Preservation Office when situations may impact cultural history prevalent in Michigan and particularly SW Michigan.

THANK YOU FOR YOUR PARTICIPATION IN THIS CORROBORATION. If you have any questions, please feel free to contact Rebecca Hart, ETC at cell phone (734) 486-5661 or by email rebecca.hart@2etc.com .

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

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Barry County's most severe and frequent hazards are extreme temperatures, severe winter conditions, and flooding in the past and on an annual basis. The most vulnerable is the aging community. The latest information of at-risk population is persons 65 years and over as 18.9 percent (11,633 persons) in Barry County with the latest population count of 61,550 population (July 2019). Please keep in mind the Hazards in the past 15 years:

Agency Representing_Barry County Planning_____

Name and Title:___James McManus Planning Director

Contact information:___269-945-1290

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

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Flooding and Ice storms have the greatest impact on Barry County Residents. When people are displaced for days or weeks because of a lack of access or power, it is huge risk to maintain and protect their residences.

2.) In reference to question 1. Does your agency have accumulated "costs of losses to assets" that occurred providing your community with aid during severe weather conditions (flooding conditions – repetitive losses)? ____Yes __x__No if yes, can you provide a brief cost to losses?

3.) FEMA has increased **downwind impact** hazard to 50-mile radius (July 2013). Barry County's SW corner (Lat North 42.423409 Long West -85.528322) is 40.59 miles ENE of Palisades Nuclear Plant, Covert, MI, that would potentially impact 9,000 people (10 miles into Barry County)

Prairieville Township 3,520 Cloverdale 1,000 Delton 872

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Orangeville Township 3,469 Hickory Corners 159

Does your agency deem this potential hazard to be ranked? ___Yes __x___No If so, please provide a Hazard Threat Rank ___High ___Significant _____Low __x__Very Low

4.) The 2005 HMP discusses development updates proposed:

- overhead electrical moved to underground and
- drain/drainage updates and include them in the update plan (Barry Township – Delton area). (44 CFR Part 201.4(d)).

Does your agency have information that these updates were performed, or due to circumstances, these proposed activities remain to be updated? ___Yes __x__No Please explain,

5.) In review of question 4. Does your agency have plans to updated or provide development for improvements? And Does your agency have further Proposed developments for this 5-year HMP update? ____Yes __x____No, if yes, Barry County is most interested in your agencies proposed developments:

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BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

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Please explain

Barry County does have a floodplain ordinance for new development that requires structures to be built one foot above the floodplain elevation. Many of the structures that were impacted were existing structures that were built before the ordinance was in effect. Further, in places like Delton, there was no documentation of floodplain risk around the lakes, so new development was not subject to the ordinance

7.) Consider the current hazard rankings on Page 1. Does your agency deem that any changes or updates be made to the Hazard Rank Threat for each hazard? If so, please provide an explanation. (High, Significant, Low, Very Low)

Natural Hazards (Rank)

Winter Weather Hazards (High)

Extreme Temperatures (High)

Lightning (Significant)

Severe Winds (Significant)

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Riverine Flooding (Significant)

Tornadoes (Low)

It only takes one strong tornado to impact a community so this may need to be considered to be significant

Drought (Low)

Hail (Very Low)

Man-made Hazards (Rank)

Hazardous Materials Incidents - Transportation (High)

Terrorism/Sabotage – Small Scale (High)

War/Nuclear Attack/WMD- Large Scale (High)

While war needs to be listed, any war, nuclear attack, etc is likely going to exceed the capabilities of a local emergency management plan…not really practical for Barry County to plan for global chaos!

Structural Fires (Significant)

Infrastructure Failures (Low)

Road washouts and bridge/culvert failures are becoming more common due to the lack of infrastructure dollars….may want to upgrade this item

Pipeline Accidents – Oil/gas (Low)

QUESTIONNAIRE for HAZARD RANKING

Transportation Accidents – Emergency (Very Low)

Civil Disturbance (Very Low)

In this current state of the world, civil unrest is becoming more of a threat and Hastings as the county seat would be a target. There was a Barry County resident who was part of the kidnap the governor plan. I know we talk about the potential of civil unrest in our office often so this item may need to be elevated.

Scrap Fire Tires (Very Low)

Dam Failures (Very Low)

8.) Potential Low Hazard, Much of Barry County is agriculture and cattle/dairy farms. The potential hazards are low from methane; however, some dairy/cattle farms may have excessive nitrogen that can impact groundwater should a shallow water well contain elevated nitrogen (an odorless gas that displaces oxygen); can cause blue-baby syndrome by asphyxiation, this is a rare condition and requires much liquid fertilizer to be pumped by usage of a water well causing drawdown and infiltration of contaminants. Does your agency deem this to be considered on the Hazard Rank, or just educational information? ___Yes on Hazard Rank __x__No, educational info only

9.) Other Hazards, not discussed or considered, that your agency deems should be addressed in the Update to the HMP: (Barry County values your input and considerations)

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

THANK YOU FOR YOUR PARTICIPATION IN THIS CORROBORATION. If you have any questions, please feel free to contact Rebecca Hart, ETC at cell phone (734) 486-5661 or by email rebecca.hart@2etc.com .

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

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Lightning (Significant)	War/Nuclear Attack/WMD- Large Scale (High)
Severe Winds (Significant)	Structural Fires (Significant)
Riverine Flooding (Significant)	Infrastructure Failures (Low)
Tornadoes (Low)	Pipeline Accidents – Oil/gas (Low)
Drought (Low)	Transportation Accidents – Emergency (Very Low)
Hail (Very Low)	Civil Disturbance (Very Low)
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Agency Representing:____Barry-Eaton District Health Department_____

Name and Title:____Colette Scrimger, Health Officer_____

Contact information:_____cscrimger@bedhd.org_____

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Please review each question, and provide your opinions and email your responses to Rebecca.hart@2etc.com :

1.) Does your agency deem **severe weather** (temperature extremes and winter conditions) is still the highest hazard threat to Barry County residents (Vulnerability Assessment (44 CFR Part 201.4(c)(2)(ii) and (iii)) Note: Thorn Apple Lake, Jordan Lake, Delton area have been impacted with flooding in the past 15 years.? ____Yes __X__No If no, please provide the highest hazard conditions that should be included in the HMP update: As of today, we would place the pandemic as the biggest threat.

2.) In reference to question 1. Does your agency have accumulated "costs of losses to assets" that occurred providing your community with aid during severe weather conditions (flooding conditions – repetitive losses)? ____Yes __X_No if yes, can you provide a brief cost to losses?

3.) FEMA has increased **downwind impact** hazard to 50-mile radius (July 2013). Barry County's SW corner (Lat North 42.423409 Long West -85.528322) is 40.59 miles ENE of Palisades Nuclear Plant, Covert, MI, that would potentially impact 9,000 people (10 miles into Barry County)

Prairieville Township 3,520	Cloverdale 1,000	Delton 872
Orangeville Township 3,469	Hickory Corners 159	

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Does your agency deem this potential hazard to be ranked? _X_Yes _____No If so, please provide a Hazard Threat Rank ___High X Significant ____Low ____Very Low

4.) The 2005 HMP discusses development updates proposed:

- overhead electrical moved to underground and
- drain/drainage updates and include them in the update plan (Barry Township – Delton area). (44 CFR Part 201.4(d)).

Does your agency have information that these updates were performed, or due to circumstances, these proposed activities remain to be updated? ___Yes _X_No Please explain,

5.) In review of question 4. Does your agency have plans to updated or provide development for improvements? And Does your agency have further Proposed developments for this 5-year HMP update? ____Yes __X_No, if yes, Barry County is most interested in your agencies proposed developments:

6.) Mitigation Goals and Objective and Action Strategies Updates: Approximately 788 properties have been affected from flooding in the past 15 years In Barry County (NFIP and US Army Corp of Engineers data).

Due to the popularity of the City of Grand Rapids (15 miles north of the county line) in the adjacent Kent County, Barry County has seen an increase in development in areas that may be sensitive to flooding and may need to provide a new or updated goal to include recent property

development in floodplain areas (repetitive loss due to flooding) pursuant to 44 CFR Part 201.4(c)(3). Does your agency deem a limit/ordinance on infrastructure to prevent development within frequent floodplains to be beneficial to Barry County to future plans? _X_Yes ____No Please explain

7.) Consider the current hazard rankings on Page 1. Does your agency deem that any changes or updates be made to the Hazard Rank Threat for each hazard? If so, please provide an explanation. (High, Significant, Low, Very Low)

Natural Hazards (Rank)

Winter Weather Hazards (High)

Extreme Temperatures (High)

Lightning (Significant)

Severe Winds (Significant)

Riverine Flooding (Significant)

Tornadoes (Low)

Drought (Low)

Hail (Very Low)

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Man-made Hazards (Rank)

Hazardous Materials Incidents - Transportation (High)

Terrorism/Sabotage – Small Scale (High)

War/Nuclear Attack/WMD- Large Scale (High)

Structural Fires (Significant)

Infrastructure Failures (Low)

Pipeline Accidents – Oil/gas (Low)

Transportation Accidents – Emergency (Very Low)

Civil Disturbance (Very Low)

Scrap Fire Tires (Very Low)

Dam Failures (Very Low)

8.) Potential Low Hazard, Much of Barry County is agriculture and cattle/dairy farms. The potential hazards are low from methane; however, some dairy/cattle farms may have excessive nitrogen

that can impact groundwater should a shallow water well contain elevated nitrogen (an odorless gas that displaces oxygen); can cause blue-baby syndrome by asphyxiation, this is a rare condition and requires much liquid fertilizer to be pumped by usage of a water well causing drawdown and infiltration of contaminants. Does your agency deem this to be considered on the Hazard Rank, or just educational information? _X__Yes on Hazard Rank ____No, educational info only

There are some inaccuracies in this question that are concerning and do not fully represent the actual risk. Contact Jay Van Stee, Environmental Health Director at BEDHD at 517-541-2618 if you need to discuss.

9.) Other Hazards, not discussed or considered, that your agency deems should be addressed in the Update to the HMP: (Barry County values your input and considerations) Pandemic and other emerging health threats such as PFAS, HABs, drinking water quality, etc.

THANK YOU FOR YOUR PARTICIPATION IN THIS CORROBORATION. If you have any questions, please feel free to contact Rebecca Hart, ETC at cell phone (734) 486-5661 or by email rebecca.hart@2etc.com .

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

CURRENT HAZARD RANKING FROM 2005 PLAN:

Hazard Threat Rating: Red - High Hazard Threat

Dark Green – Significant Hazard Threat

Yellow – Low Hazard Threat

Grey – Very Low Hazard Threat

Natural Hazards (Rank)	Man-made Hazards (Rank)
Winter Weather Hazards (High)	Hazardous Materials Incidents - Transportation (High)
Extreme Temperatures (High)	Terrorism/Sabotage – Small Scale (High)
Lightning (Significant)	War/Nuclear Attack/WMD- Large Scale (High)
Severe Winds (Significant)	Structural Fires (Significant)
Riverine Flooding (Significant)	Infrastructure Failures (Low)
Tornadoes (Low)	Pipeline Accidents – Oil/gas (Low)
Drought (Low)	Transportation Accidents – Emergency (Very Low)
Hail (Very Low)	Civil Disturbance (Very Low)
	Scrap Fire Tires (Very Low)
	Dam Failures (Very Low)

Barry County's most severe and frequent hazards are extreme temperatures, severe winter conditions, and flooding in the past and on an annual basis. The most vulnerable is the aging community. The latest information of at-risk population is persons 65 years and over as 18.9 percent (11,633 persons) in Barry County with the latest population count of 61,550 population (July 2019). Please keep in mind the Hazards in the past 15 years:

Agency Representing:

Match E Be Nash She Wish Band of Bodewademi (aka: Gun Lake Tribe Tribe of Pottawatomi Indians)

Name and Title: Brant Mitchell Emergency Management/Safety Manager

Contact information: (phone)269-397-1836, (mobile)616-916-2153

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Please review each question, and provide your opinions and email your responses to Rebecca.hart@2etc.com :

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2.) In reference to question 1. Does your agency have accumulated "costs of losses to assets" that occurred providing your community with aid during severe weather conditions (flooding conditions – repetitive losses)? ____ Yes XX No if yes, can you provide a brief cost to losses?

3.) FEMA has increased **downwind impact** hazard to 50-mile radius (July 2013). Barry County's SW corner (Lat North 42.423409 Long West -85.528322) is 40.59 miles ENE of Palisades Nuclear Plant, Covert, MI, that would potentially impact 9,000 people (10 miles into Barry County)

Prairieville Township 3,520	Cloverdale 1,000	Delton 872
Orangeville Township 3,469	Hickory Corners 159	

Does your agency deem this potential hazard to be ranked? XX Yes _____No If so, please provide a Hazard Threat Rank ___High ___Significant XX Low ____Very Low

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

4.) The 2005 HMP discusses development updates proposed:

- overhead electrical moved to underground and
- drain/drainage updates and include them in the update plan (Barry Township – Delton area). (44 CFR Part 201.4(d)).

Does your agency have information that these updates were performed, or due to circumstances, these proposed activities remain to be updated? __ Yes **XX** No Please explain, **W**e currently do not have structures in the Barry County area. We do however focus on utilizing best practices to minimize negative impacts.

5.) In review of question 4. Does your agency have plans to updated or provide development for improvements? And Does your agency have further Proposed developments for this 5-year HMP update? ____Yes **XX** No, if yes, Barry County is most interested in your agencies proposed developments:

6.) Mitigation Goals and Objective and Action Strategies Updates: Approximately 788 properties have been affected from flooding in the past 15 years In Barry County (NFIP and US Army Corp of Engineers data).

Due to the popularity of the City of Grand Rapids (15 miles north of the county line) in the adjacent Kent County, Barry County has seen an increase in development in areas that may be sensitive to flooding and may need to provide a new or updated goal to include recent property development in floodplain areas (repetitive loss due to flooding) pursuant to 44 CFR Part 201.4(c)(3). Does your agency deem a limit/ordinance on infrastructure to prevent development

QUESTIONNAIRE for HAZARD RANKING

within frequent floodplains to be beneficial to Barry County to future plans? ____Yes XX No

Please explain

7.) Consider the current hazard rankings on Page 1. Does your agency deem that any changes or updates be made to the Hazard Rank Threat for each hazard? If so, please provide an explanation. (High, Significant, Low, Very Low)

Natural Hazards (Rank)

Winter Weather Hazards (High)

Extreme Temperatures (High)

Lightning (Significant)

Severe Winds (Significant)

Riverine Flooding (Significant)

Tornadoes (Low)

Drought (Low)

Hail (Very Low)

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING
Man-made Hazards (Rank)

Hazardous Materials Incidents - Transportation (High)

Terrorism/Sabotage – Small Scale (High)

War/Nuclear Attack/WMD- Large Scale (High)

Structural Fires (Significant)

Infrastructure Failures (Low)

Pipeline Accidents – Oil/gas (Low)

Transportation Accidents – Emergency (Very Low)

Civil Disturbance (Very Low)

Scrap Fire Tires (Very Low)

Dam Failures (Very Low)

8.) Potential Low Hazard, Much of Barry County is agriculture and cattle/dairy farms. The potential hazards are low from methane; however, some dairy/cattle farms may have excessive nitrogen that can impact groundwater should a shallow water well contain elevated nitrogen (an odorless gas that displaces oxygen); can cause blue-baby syndrome by asphyxiation, this is a rare condition

and requires much liquid fertilizer to be pumped by usage of a water well causing drawdown and infiltration of contaminants. Does your agency deem this to be considered on the Hazard Rank, or just educational information? ___Yes on Hazard Rank XX No, educational info only

9.) Other Hazards, not discussed or considered, that your agency deems should be addressed in the Update to the HMP: (Barry County values your input and considerations). Request notification of the Gun Lake Tribe Historical Preservation Office when situations may impact cultural history prevalent in Michigan and particularly SW Michigan.

THANK YOU FOR YOUR PARTICIPATION IN THIS CORROBORATION. If you have any questions, please feel free to contact Rebecca Hart, ETC at cell phone (734) 486-5661 or by email rebecca.hart@2etc.com .

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

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Natural Hazards (Rank)	Man-made Hazards (Rank)
Winter Weather Hazards (High)	Hazardous Materials Incidents - Transportation (High)
Extreme Temperatures (High)	Terrorism/Sabotage – Small Scale (High)
Lightning (Significant)	War/Nuclear Attack/WMD- Large Scale (High)
Severe Winds (Significant)	Structural Fires (Significant)
Riverine Flooding (Significant)	Infrastructure Failures (Low)
Tornadoes (Low)	Pipeline Accidents – Oil/gas (Low)
Drought (Low)	Transportation Accidents – Emergency (Very Low)
Hail (Very Low)	Civil Disturbance (Very Low)
	Scrap Fire Tires (Very Low)
	Dam Failures (Very Low)

Barry County's most severe and frequent hazards are extreme temperatures, severe winter conditions, and flooding in the past and on an annual basis. The most vulnerable is the aging community. The latest information of at-risk population is persons 65 years and over as 18.9 percent (11,633 persons) in Barry County with the latest population count of 61,550 population (July 2019). Please keep in mind the Hazards in the past 15 years:

Agency Representing_Barry County Planning_____

Name and Title:___James McManus Planning Director

Contact information:___269-945-1290

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

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Flooding and Ice storms have the greatest impact on Barry County Residents. When people are displaced for days or weeks because of a lack of access or power, it is huge risk to maintain and protect their residences.

2.) In reference to question 1. Does your agency have accumulated "costs of losses to assets" that occurred providing your community with aid during severe weather conditions (flooding conditions – repetitive losses)? ____Yes __x__No if yes, can you provide a brief cost to losses?

3.) FEMA has increased **downwind impact** hazard to 50-mile radius (July 2013). Barry County's SW corner (Lat North 42.423409 Long West -85.528322) is 40.59 miles ENE of Palisades Nuclear Plant, Covert, MI, that would potentially impact 9,000 people (10 miles into Barry County)

Prairieville Township 3,520 Cloverdale 1,000 Delton 872

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Orangeville Township 3,469 Hickory Corners 159

Does your agency deem this potential hazard to be ranked? ___Yes __x___No If so, please provide a Hazard Threat Rank ___High ___Significant _____Low __x__Very Low

4.) The 2005 HMP discusses development updates proposed:

- overhead electrical moved to underground and
- drain/drainage updates and include them in the update plan (Barry Township – Delton area). (44 CFR Part 201.4(d)).

Does your agency have information that these updates were performed, or due to circumstances, these proposed activities remain to be updated? ___Yes __x__No Please explain,

5.) In review of question 4. Does your agency have plans to updated or provide development for improvements? And Does your agency have further Proposed developments for this 5-year HMP update? ____Yes __x____No, if yes, Barry County is most interested in your agencies proposed developments:

6.) Mitigation Goals and Objective and Action Strategies Updates: Approximately 788 properties have been affected from flooding in the past 15 years In Barry County (NFIP and US Army Corp of Engineers data).

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Due to the popularity of the City of Grand Rapids (15 miles north of the county line) in the adjacent Kent County, Barry County has seen an increase in development in areas that may be sensitive to flooding and may need to provide a new or updated goal to include recent property development in floodplain areas (repetitive loss due to flooding) pursuant to 44 CFR Part 201.4(c)(3). Does your agency deem a limit/ordinance on infrastructure to prevent development within frequent floodplains to be beneficial to Barry County to future plans? __x__Yes ____No

Please explain

Barry County does have a floodplain ordinance for new development that requires structures to be built one foot above the floodplain elevation. Many of the structures that were impacted were existing structures that were built before the ordinance was in effect. Further, in places like Delton, there was no documentation of floodplain risk around the lakes, so new development was not subject to the ordinance

7.) Consider the current hazard rankings on Page 1. Does your agency deem that any changes or updates be made to the Hazard Rank Threat for each hazard? If so, please provide an explanation. (High, Significant, Low, Very Low)

Natural Hazards (Rank)

Winter Weather Hazards (High)

Extreme Temperatures (High)

Lightning (Significant)

Severe Winds (Significant)

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Riverine Flooding (Significant)

Tornadoes (Low)

It only takes one strong tornado to impact a community so this may need to be considered to be significant

Drought (Low)

Hail (Very Low)

Man-made Hazards (Rank)

Hazardous Materials Incidents - Transportation (High)

Terrorism/Sabotage – Small Scale (High)

War/Nuclear Attack/WMD- Large Scale (High)

While war needs to be listed, any war, nuclear attack, etc is likely going to exceed the capabilities of a local emergency management plan…not really practical for Barry County to plan for global chaos!

Structural Fires (Significant)

Infrastructure Failures (Low)

Road washouts and bridge/culvert failures are becoming more common due to the lack of infrastructure dollars….may want to upgrade this item

Pipeline Accidents – Oil/gas (Low)

QUESTIONNAIRE for HAZARD RANKING

Transportation Accidents – Emergency (Very Low)

Civil Disturbance (Very Low)

In this current state of the world, civil unrest is becoming more of a threat and Hastings as the county seat would be a target. There was a Barry County resident who was part of the kidnap the governor plan. I know we talk about the potential of civil unrest in our office often so this item may need to be elevated.

Scrap Fire Tires (Very Low)

Dam Failures (Very Low)

8.) Potential Low Hazard, Much of Barry County is agriculture and cattle/dairy farms. The potential hazards are low from methane; however, some dairy/cattle farms may have excessive nitrogen that can impact groundwater should a shallow water well contain elevated nitrogen (an odorless gas that displaces oxygen); can cause blue-baby syndrome by asphyxiation, this is a rare condition and requires much liquid fertilizer to be pumped by usage of a water well causing drawdown and infiltration of contaminants. Does your agency deem this to be considered on the Hazard Rank, or just educational information? ___Yes on Hazard Rank __x__No, educational info only

9.) Other Hazards, not discussed or considered, that your agency deems should be addressed in the Update to the HMP: (Barry County values your input and considerations)

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

THANK YOU FOR YOUR PARTICIPATION IN THIS CORROBORATION. If you have any questions, please feel free to contact Rebecca Hart, ETC at cell phone (734) 486-5661 or by email rebecca.hart@2etc.com .

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

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Natural Hazards (Rank)	Man-made Hazards (Rank)
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Extreme Temperatures (High)	Terrorism/Sabotage – Small Scale (High)
Lightning (Significant)	War/Nuclear Attack/WMD- Large Scale (High)
Severe Winds (Significant)	Structural Fires (Significant)
Riverine Flooding (Significant)	Infrastructure Failures (Low)
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Barry County's most severe and frequent hazards are extreme temperatures, severe winter conditions, and flooding in the past and on an annual basis. The most vulnerable is the aging community. The latest information of at-risk population is persons 65 years and over as 18.9 percent (11,633 persons) in Barry County with the latest population count of 61,550 population (July 2019). Please keep in mind the Hazards in the past 15 years:

Agency Representing:____Barry-Eaton District Health Department_____

Name and Title:____Colette Scrimger, Health Officer_____

Contact information:_____cscrimger@bedhd.org_____

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

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Orangeville Township 3,469	Hickory Corners 159	

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Does your agency deem this potential hazard to be ranked? _X_Yes _____No If so, please provide a Hazard Threat Rank ___High X Significant ____Low ____Very Low

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5.) In review of question 4. Does your agency have plans to updated or provide development for improvements? And Does your agency have further Proposed developments for this 5-year HMP update? ____Yes __X_No, if yes, Barry County is most interested in your agencies proposed developments:

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development in floodplain areas (repetitive loss due to flooding) pursuant to 44 CFR Part 201.4(c)(3). Does your agency deem a limit/ordinance on infrastructure to prevent development within frequent floodplains to be beneficial to Barry County to future plans? _X_Yes ____No Please explain

7.) Consider the current hazard rankings on Page 1. Does your agency deem that any changes or updates be made to the Hazard Rank Threat for each hazard? If so, please provide an explanation. (High, Significant, Low, Very Low)

Natural Hazards (Rank)

Winter Weather Hazards (High)

Extreme Temperatures (High)

Lightning (Significant)

Severe Winds (Significant)

Riverine Flooding (Significant)

Tornadoes (Low)

Drought (Low)

Hail (Very Low)

BARRY COUNTY
HAZARD MITIGATION UPDATE PLAN

QUESTIONNAIRE for HAZARD RANKING

Man-made Hazards (Rank)

Hazardous Materials Incidents - Transportation (High)

Terrorism/Sabotage – Small Scale (High)

War/Nuclear Attack/WMD- Large Scale (High)

Structural Fires (Significant)

Infrastructure Failures (Low)

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Transportation Accidents – Emergency (Very Low)

Civil Disturbance (Very Low)

Scrap Fire Tires (Very Low)

Dam Failures (Very Low)

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that can impact groundwater should a shallow water well contain elevated nitrogen (an odorless gas that displaces oxygen); can cause blue-baby syndrome by asphyxiation, this is a rare condition and requires much liquid fertilizer to be pumped by usage of a water well causing drawdown and infiltration of contaminants. Does your agency deem this to be considered on the Hazard Rank, or just educational information? _X__Yes on Hazard Rank ____No, educational info only

There are some inaccuracies in this question that are concerning and do not fully represent the actual risk. Contact Jay Van Stee, Environmental Health Director at BEDHD at 517-541-2618 if you need to discuss.

9.) Other Hazards, not discussed or considered, that your agency deems should be addressed in the Update to the HMP: (Barry County values your input and considerations) Pandemic and other emerging health threats such as PFAS, HABs, drinking water quality, etc.

THANK YOU FOR YOUR PARTICIPATION IN THIS CORROBORATION. If you have any questions, please feel free to contact Rebecca Hart, ETC at cell phone (734) 486-5661 or by email rebecca.hart@2etc.com .

APPENDIX B

COMMUNITY INPUT

HAZARD ASPECT RATING

Hazard Aspect Ratings

Hazard Aspect	Always Very Important	Usually Important	Sometimes Important	Rarely of Importance	Not worth Considering	Total
Likelihood of Occurrence	19	2				**3.9**
Capacity to cause physical damages	9	10	1			**3.4**
Size of Affected Area	8	8	5			3.1
Speed of Onset (lack of warning time)	3	12	5	1		2.8
Percent of population affected	14	6				**3.7**
Potential for causing casualties	20		1			**3.9**
Potential for negative economics		4	16	1		2.1
Duration of threat from hazard	10	10	1			**3.4**
Seasonal risk pattern (all/part of year)		3	17	1		2.1
Environmental Impact	1	13	7			2.7
Predictability of hazard		6	11	3		2.2
Ability to mitigate hazard on local level	1	11	8			2.7
Availability of warning systems	4	12	1	1	2	2.8
Public awareness of hazard	2	4	9	3	1	2.2
Corollary effects (causing other hazards)	6	12	3			**3.1**
Other?						0.0

BOLD – selected aspects for the Barry County Hazard Ranking weighted average.

Hazard Aspect Ratings

Hazard Aspect	Always Very Important	Usually Important	Sometimes Important	Rarely of Importance	Not worth Considering	Total
Likelihood of Occurrence	19	2				**3.9**
Capacity to cause physical damages	9	10	1			**3.4**
Size of Affected Area	8	8	5			3.1
Speed of Onset (lack of warning time)	3	12	5	1		2.8
Percent of population affected	14	6				**3.7**
Potential for causing casualties	20		1			**3.9**
Potential for negative economics		4	16	1		2.1
Duration of threat from hazard	10	10	1			**3.4**
Seasonal risk pattern (all/part of year)		3	17	1		2.1
Environmental Impact	1	13	7			2.7
Predictability of hazard		6	11	3		2.2
Ability to mitigate hazard on local level	1	11	8			2.7
Availability of warning systems	4	12	1	1	2	2.8
Public awareness of hazard	2	4	9	3	1	2.2
Corollary effects (causing other hazards)	6	12	3			**3.1**
Other?						0.0

BOLD – selected aspects for the Barry County Hazard Ranking weighted average.

APPENDIX C

COMMUNITY INPUT

HAZARD TYPE RATINGS

Hazard Type Rating

Please rate the following identified Hazard Potentials from 0-10; (0-Lowest Threat 10-Highest Threat)

Hazard Type	Likelihood of Occurrence (20%)	Potential for Causing Casualties (20%)	Percent of Population affected (18%)	Capacity to cause physical damage (15%)	Duration of threat from hazard (15%)	Corollary effects (causing other hazards) (12%)	Total	Probability
Extreme Temperatures	5	4	9	4	3	6	5.19	100%
Hazardous Material Incidents- transport	8	8	8	4	3	4	6.17	1/yr
War/Nuclear Attach/ WMD	1	5	7	6	5	10	5.31	*
Terrorism/ Sabotage	3	6	8	7	5	4	5.52	*
Winter weather hazards	10	5	10	5	4	10	7.35	100%
Structural Fires	5	5	2	8	2	4	4.34	*
Riverine Flooding	6	1	3	7	3	5	4.04	100%
Severe Wind	8	2	2	4	2	7	4.1	35%
Lightening	9	3	3	5	1	8	4.8	35%
Drought	4	0	4	1	5	4	2.9	*
Infrastructure failures	6	2	5	2	3	5	3.85	*
Tornadoes	2	6	2	6	2	7	4	35%
Pipeline Accidents (Oil, Gas)	2	6	2	4	2	2	3.1	*
Civil Disturbances	3	3	1	4	1	1	2.25	1%
Scrap Tire Fires	2	1	2	1	2	3	1.77	*
Dam Failures	2	1	1	2	1	3	1.59	3%
Hail (Very Low)	4	1	3	6	2	1	2.86	35%
Transportation Accidents (emergency level)	2	6	3	2	2	2	2.98	13/yr
Earthquakes	0	0	0	0	0	0	0	*
Urban Flooding	4	1	1	1	1	1	1.6	*
Shoreline Flooding	0	0	0	0	0	0	0	*
Hazardous Materials Incidents – site	8	8	8	4	3	4	4.8	*
Subsidence (Surface Land collapse)	0	0	0	0	0	0	0	*

Very Low – Grey Low – Green Significant – Orange High- Red Not previously rated in 2005 or no pertinent incidents – Black *No major experiences or not enough info.

Hazard Type Rating

Please rate the following identified Hazard Potentials from 0-10; (0-Lowest Threat 10-Highest Threat)

NEW 2021 Hazard Type	Likelihood of Occurrence (20%)	Potential for Causing Casualties (20%)	Percent of Population affected (18%)	Capacity to cause physical damage (15%)	Duration of threat from hazard (15%)	Corollary effects (causing other hazards) (12%)	Total	Probability
Pandemic (COVID-19) Very Low	2	1	1	1	1	1	1.2	10%
Nitrogen in Drinking Water Wells Very Low	4	1	1	1	1	2	1.72	30%
Downwind to Nuclear Powerplant Very Low	1	1	1	3	2	2	1.57	*
Other:								

Very Low – Grey Low – Green Significant – Orange High- Red Not previously rated in 2005 or no pertinent incidents – Black *No major experiences or not enough info.

APPENDIX D

FLOOD AFFECTED AREAS

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
5/7/2009	2601	Lacey	Road	Johnstown Twp	Yes	High Bank Creek	910.7	SFHA	260355	09-05-2118A
8/30/2018	2086	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	802.1	SFHA	230877	18-05-5353A
9/8/2009	101	E Shriner	Street	Hastings	Yes	Fall Creek	807.3	SFHA	260314	09-05-4614A
3/27/2012	214	E Shriner	Street	Hastings	Yes	Fall Creek	810.0	SFHA	260314	12-05-3973A
11/29/2012	505	E Railroad	Street	Hastings	Yes	Thornapple River	786.3	SFHA	260314	13-05-1320A
6/11/2013	1021	W State	Street	Hastings	Yes	Thornapple River	777.0	SFHA	260314	13-05-5338A
3/25/2014	817	E State	Street	Hastings	Yes	Thornapple River	798.5	SFHA	260314	14-05-4289A
3/20/2014	1029	E Railroad	Street	Hastings	Yes	Thornapple River	795.1	SFHA	260314	14-05-4317A
4/29/2014	1029	E Railroad	Street	Hastings	Yes	Thornapple River	796.2	SFHA	260314	14-05-5087A
4/14/2014	815	W State	Street	Hastings	Yes	Thornapple River	778.2	SFHA	260314	14-05-5320A
11/25/2014	1117	S Michigan	Avenue	Hastings	Yes	Fall Creek	806.8	SFHA	260314	14-05-7838A
11/18/2014	1105	W State	Street	Hastings	Yes	Unnamed source	777.0	SFHA	260314	15-05-0512A
12/2/2015	1429	S Jefferson	Street	Hastings	Yes	Fall Creek		SFHA	260314	16-05-0649A
5/31/2019	225	N Industrial Park	Drive	Hastings	Yes	Thornapple River	776.6	SFHA	260314	19-053124A
1/4/2021	203	W Thorn	Street	Hastings	Yes	Thornapple River	780.7	SFHA	260314	21-05-0681A
6/7/2011	4850	West Irving	Road	Irving Twp	Yes	Thornapple River	762.4	SFHA	260354	11-05-5790A
7/14/2011	5505	West Irving	Road	Irving Twp	Yes	Thornapple River	745.6	SFHA	260354	11-05-6385A
12/22/2017	3159	Sugar Creek	Drive	Irving Twp	Yes	Unnamed source		SFHA	260354	18-05-1053A
1/5/2018	5497	W Irving	Road	Irving Twp	Yes	Thornapple River	745.7	SFHA	260354	18-05-1071A
8/21/2018	5501	W Irving	Road	Irving Twp	Yes	Thornapple River	745.8	SFHA	260354	18-05-5129A
12/16/2020	2525	Horshoe Trail		Irving Twp	Yes	Thornapple River	743.3	SFHA	260354	21-05-0347A
9/3/2009	12433	Valpine	Drive	Johnstown Twp	Yes	Long Lake	912.6	SFHA	260355	09-05-4118A
11/24/2009	11921	Cisco Bay	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	09-05-6397A
10/8/2009	3645	Schreiner	Road	Johnstown Twp	Yes	Mud Creek	100.0	SFHA	260355	10-05-0006A
1/21/2010	4431	Indian Trail	Road	Johnstown Twp	Yes	Fine Lake	919.6	SFHA	260355	10-05-0310A
4/1/2010	1168	Willow Cove	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	10-05-2338A
4/26/2010	11893	Cisco Bay	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	10-05-3575A
9/3/2010	12535	Valpine	Drive	Johnstown Twp	Yes	Long Lake	912.6	SFHA	260355	10-05-5762A
9/23/2010	2901	West Shore	Drive	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	10-05-6685A
1/20/2011	14393	Frances	Avenue	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	11-05-1413A
12/14/2010	2901	West Shore	Drive	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	11-05-1781A
1/6/2011	2901	West Shore	Drive	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	11-05-2269X
2/17/2011	12589	Valpine	Drive	Johnstown Twp	Yes	Long Lake	912.6	SFHA	260355	11-05-2318A
6/30/2011	4200	Fruin	Road	Johnstown Twp	Yes	Unnamed source	907.5	SFHA	260355	11-05-5271A
5/10/2011	4205	Fruin	Road	Johnstown Twp	Yes	Unnamed source	907.5	SFHA	260355	11-05-5297A
6/23/2011	372	West Hickory	Drive	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	11-05-5517A
8/16/2011	211	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	11-05-7799A
4/17/2012	4225	Fruin	Road	Johnstown Twp	Yes	Unnamed source	907.5	SFHA	260355	12-05-4251A
6/26/2012	4025	Fruin	Road	Johnstown Twp	Yes	Unnamed source	915.2	SFHA	260355	12-05-6474A
3/14/2013	3001	West Shore	Drive	Johnstown Twp	Yes	Finn Lake	920.6	SFHA	260355	13-05-3659A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
4/11/2013	225	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	13-05-3840A
8/6/2013	225	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	13-05-6431A
10/7/2013	145	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	911.0	SFHA	260355	14-05-0153A
3/6/2014	12615	S M-37	Highway	Johnstown Twp	Yes	Unnamed source	920.8	SFHA	260355	14-05-1935A
2/11/2014	365	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	912.2	SFHA	260355	14-05-3033A
2/11/2014	249	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	911.8	SFHA	260355	14-05-3176A
3/25/2014	2431	Bristol Lake	Street	Johnstown Twp	Yes	Bristol Lake	910.7	SFHA	260355	14-05-4775A
4/15/2014	359	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.0	SFHA	260355	14-05-5101A
4/30/2015	4182	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	915.4	SFHA	260355	15-05-3795A
11/12/2015	4891	Walnut Ridge		Johnstown Twp	Yes	Fine Lake	921.9	SFHA	260355	16-05-0210A
2/12/2016	4312	Indian Isle		Johnstown Twp	Yes	Fine Lake	932.4	SFHA	260355	16-05-2090A
2/19/2016	3962	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	911.4	SFHA	260355	16-05-2356A
3/18/2016	4351	Indian Isle		Johnstown Twp	Yes	Fine Lake	923.0	SFHA	260355	16-05-2714A
5/17/2017	11877	Cisco Bay	Drive	Johnstown Twp	Yes	Bristol Lake	911.5	SFHA	260355	17-05-2474A
4/2/2018	13828	Banfield	Road	Johnstown Twp	Yes	Fine Lake	930.4	SFHA	260355	18-05-2789A
5/29/2018	11778	Willow Cove	Drive	Johnstown Twp	Yes	Bristol Lake	916.1	SFHA	260355	18-05-3262A
7/6/2018	200	E Hickory	Road	Johnstown Twp	Yes	Fine Lake	932.4	SFHA	260355	18-05-4222A
8/15/2018	4871	Walnut Ridge		Johnstown Twp	Yes	Fine Lake	920.8	SFHA	260355	18-05-5054A
9/17/2018	60	E Hickory	Road	Johnstown Twp	Yes	Fine Lake		SFHA	260355	18-05-5684A
4/15/2019	4371	Indian Isle		Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	19-05-2401A
12/9/2019	401	East Shore	Drive	Johnstown Twp	Yes	Fine Lake	921.3	SFHA	260355	20-05-0739A
1/15/2020	11488	Willow Cove	Drive	Johnstown Twp	Yes	Bristol Lake	910.3	SFHA	260355	20-05-1384A
4/20/2020	277	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	20-05-2260A
10/14/2020	2970	Lake Culver	Drive	Johnstown Twp	Yes	Culver Lake	915.0	SFHA	260355	20-05-3354A
9/9/2020	3609	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	910.9	SFHA	260355	20-05-4640A
10/13/2020	3612	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	910.9	SFHA	260355	20-05-4641A
10/13/2020	3610	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	20-05-4642A
3/4/2021	247	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.9	SFHA	260355	21-05-1985A
3/6/2018	3	Market	Street	Middleville Village	Yes	Thornapple River	722.5	SFHA	260356	18-05-2245A
8/29/2018	189-201	Mill Pond	Lane	Middleville Village	Yes	Thornapple River	723.2	SFHA	260356	18-05-5283A
6/25/2019	120	W Main	Street	Middleville Village	Yes	Thornapple River	718.0	SFHA	260356	19-05-3473A
1/26/2012	7205	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260360	12-05-2393A
10/22/2009	7115	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	09-05-4613A
10/8/2009	6803	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	09-05-4893A
9/17/2009	7027	Bouman	Drive	Thornapple Twp	Yes	Thornapple River	710.0	SFHA	260630	09-05-5905A
9/29/2009	7380	Bouman	Drive	Thornapple Twp	Yes	Thornapple River	709.6	SFHA	260630	09-05-5907A
10/20/2009	7028	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	09-05-6153A
11/12/2009	6827	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	773.0	SFHA	260630	09-05-6481A
11/24/2009	7027	Bouman	Drive	Thornapple Twp	Yes	Thornapple River	710.0	SFHA	260630	10-05-0138X
11/24/2009	7055	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	10-05-0140A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
11/24/2009	6839	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.0	SFHA	260630	10-05-0285A
12/18/2009	7046	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	10-05-0549A
1/12/2010	7165	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1016A
1/12/2010	7215	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1038A
1/14/2010	7195	Noffke SE	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1048A
1/21/2010	7175	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1133A
2/2/2010	6881	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1339A
1/26/2010	6919	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1411A
2/12/2010	6895	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1795A
2/23/2010	7045	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1826A
3/3/2010	6907	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1827A
2/25/2010	6931	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1829A
2/25/2010	6865	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1873A
5/13/2010	7125	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-3236A
4/26/2010	7115	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-3652A
7/20/2010	7025	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-4937A
2/22/2011	7101	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	11-05-1685A
10/9/2012	3050	North M-37	Highway	Thornapple Twp	Yes	Bassett Creek	722.7	SFHA	260630	12-05-9836A
1/10/2013	7118	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	13-05-1967A
2/21/2013	6671	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	13-05-2341A
1/31/2013	6634	Duncan Lake	Road	Thornapple Twp	Yes	Duncan Creek	770.0	SFHA	260630	13-05-2639A
9/24/2013	6341	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	13-05-8048A
10/17/2013	7136	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	770.0	SFHA	260630	14-05-0345A
12/12/2013	8340	108th	Street	Thornapple Twp	Yes	Thornapple River	707.6	SFHA	260630	14-05-1429A
10/14/2014	7311	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	778.4	SFHA	260630	14-05-9284A
2/17/2015	8855	Parmalee	Road	Thornapple Twp	Yes	Thornapple River	724.3	SFHA	260630	15-05-2297A
10/9/2015	7683	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	773.1	SFHA	260630	15-05-7417A
9/17/2015	7027	Bouman	Drive	Thornapple Twp	Yes	Thornapple River	708.7	SFHA	260630	15-05-7674A
8/26/2016	6413	N Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	774.4	SFHA	260630	16-05-6170A
8/30/2016	6393	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	773.1	SFHA	260630	16-05-6222A
8/29/2016	6431	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake		SFHA	260630	16-05-6232A
8/31/2016	6377	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	777.6	SFHA	260630	16-05-6261A
10/18/2016	7447	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	776.6	SFHA	260630	16-05-7380A
9/13/2018	7082	Kimberly SE	Drive	Thornapple Twp	Yes	Duncan Lake	771.5	SFHA	260630	18-05-5507A
9/27/2018	7661	N Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.9	SFHA	260630	18-05-6398A
11/9/2018	7060	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	773.2	SFHA	260630	19-05-0126A
6/19/2020	6740	Lydia	Court	Thornapple Twp	Yes	Duncan Lake	775.2	SFHA	260630	20-05-3351A
10/14/2020	7100	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	774.4	SFHA	260630	20-05-4705A
12/22/2009	9351	E M-79	Highway	Castleton Twp	Yes	Thornapple River	811.5	SFHA	260641	10-05-0721A
2/7/2014	6241	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	802.7	SFHA	260641	14-05-3415A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
2/10/2014	6525	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	804.8	SFHA	260641	14-05-3416A
4/1/2014	6525	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	802.7	SFHA	260641	14-05-4698A
5/31/2017	6335	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	805.7	SFHA	260641	17-05-4506A
9/11/2017	952	Gerke	Drive	Castleton Twp	Yes	Thornapple River	794.4	SFHA	260641	17-05-5946A
3/13/2018	1834	Cogswell	Road	Castleton Twp	Yes	Thornapple River	805.4	SFHA	260641	18-05-2412A
11/14/2019	6901	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	804.2	SFHA	260641	20-05-0087A
1/2/2020	5022	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	802.9	SFHA	260641	20-05-0423A
9/13/2011	4601	Morgan	Road	Maple Grove Twp	Yes	High Bank Creek		SFHA	260644	11-05-8369A
1/26/2010	1515	Center	Road	Hastings Twp	Yes	Thornapple River	786.3	SFHA	260648	10-05-0422A
8/19/2010	2675	Coburn	Road	Hastings Twp	Yes	Cedar Creek	808.1	SFHA	260648	10-05-5711A
9/14/2010	132	Coats Grove	Road	Hastings Twp	Yes	Leach Lake	800.4	SFHA	260648	10-05-5847A
2/17/2011	2651	Coburn	Road	Hastings Twp	Yes	Cedar Creek	810.3	SFHA	260648	11-05-1443A
6/16/2011	2514	S Charlton Park	Road	Hastings Twp	Yes	Thornapple River	801.5	SFHA	260648	11-05-3970A
12/4/2014	73	B	Drive	Hastings Twp	Yes	Leach Lake	800.6	SFHA	260648	15-05-0942A
9/21/2015	4413	David	Avenue	Hastings Twp	Yes	Thornapple River	802.7	SFHA	260648	15-05-7045A
11/18/2015	4973	Thornapple Lake	Road	Hastings Twp	Yes	Thornapple River	802.8	SFHA	260648	15-05-7254A
3/10/2016	2514	S Charlton Park	Road	Hastings Twp	Yes	Thornapple River		SFHA	260648	16-05-2622A
2/7/2018	1654	E Center	Street	Hastings Twp	Yes	Thornapple River	791.3	SFHA	260648	18-05-2366A
6/27/2018	96	B	Drive	Hastings Twp	Yes	Leach Lake	800.8	SFHA	260648	18-05-4710A
3/28/2019	2492	Campground	Road	Hastings Twp	Yes	Fall Creek		SFHA	260648	19-05-1687A
11/19/2009	1675	Solomon	Road	Rutland Twp	Yes	Thornapple River	762.2	SFHA	260656	09-05-5627A
3/14/2013	1832	N Irving	Road	Rutland Twp	Yes	Thornapple River	748.6	SFHA	260656	13-05-3098A
4/15/2016	1939	Solomon	Road	Rutland Twp	Yes	Thornapple River	762.4	SFHA	260656	16-05-3199A
10/11/2017	371	S Whitmore	Road	Rutland Twp	Yes	Glass Creek	791.4	SFHA	260656	17-05-6525A
10/9/2018	2565	Chippewa Trail		Rutland Twp	Yes	Thornapple River	776.1	SFHA	260656	18-05-6014A
8/4/2009	6548	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	09-05-4830A
9/29/2009	6371	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	926.0	SFHA	260681	09-05-5454A
10/20/2009	6335	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	09-05-6108A
11/24/2009	6427	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	10-05-0150A
11/16/2009	6507	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	926.0	SFHA	260681	10-05-0190A
12/29/2009	6383	Wooded Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	10-05-0725A
7/20/2010	6396	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	10-05-4911A
9/21/2010	3986	South Shore	Drive	Hope Twp	Yes	Long Lake	910.3	SFHA	260681	10-05-5329A
2/8/2011	3020	Thorpe	Road	Hope Twp	Yes	Bawker Lake	895.2	SFHA	260681	11-05-2032A
3/15/2011	5773	Head Lake	Road	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	11-05-3281A
8/31/2011	7560	CK & S Trail		Hope Twp	Yes	Long Lake	910.4	SFHA	260681	11-05-7603A
12/13/2011	4066	South Shore	Drive	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	12-05-1166A
2/7/2012	7808	S M-43	Highway	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	12-05-2738A
3/6/2012	6439	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	12-05-3242A
3/27/2012	3901	South Shore	Drive	Hope Twp	Yes	Long Lake		SFHA	260681	12-05-3975A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
11/29/2012	6395	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	13-05-1219A
1/29/2013	8329	Wilkinson Lake	Road	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	13-05-2581A
5/9/2013	5730	Head Lake	Road	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	13-05-4530A
8/6/2013	7190	Longview	Court	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	13-05-7344A
11/19/2013	7190	Longview	Court	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	14-05-1082A
11/25/2014	6342	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	937.1	SFHA	260681	15-05-0103A
1/15/2015	3992	South Shore	Drive	Hope Twp	Yes	Long Lake	910.3	SFHA	260681	15-05-1773A
1/29/2015	6347	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	930.3	SFHA	260681	15-05-2167A
9/11/2015	6451	Woods Trail	Road	Hope Twp	Yes	Cloverdale Lake	927.5	SFHA	260681	15-05-6903A
10/28/2015	6525	Woods Trail	Road	Hope Twp	Yes	Cloverdale Lake	933.7	SFHA	260681	15-05-7906A
11/25/2015	3810	South Shore	Drive	Hope Twp	Yes	Long Lake	912.2	SFHA	260681	16-05-0533A
8/9/2017	7177	Longview	Court	Hope Twp	Yes	Long Lake	915.1	SFHA	260681	17-05-5168A
11/1/2017	3050	Thorpe	Road	Hope Twp	Yes	Bawker Lake	896.8	SFHA	260681	17-05-7145A
11/17/2017	3911	South Shore	Drive	Hope Twp	Yes	Long Lake	911.0	SFHA	260681	18-05-0238A
6/22/2018	6310	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	933.5	SFHA	260681	18-05-4040A
12/31/2018	5757	Saggio	Drive	Hope Twp	Yes	Pine Lake	897.2	SFHA	260681	19-05-0899A
7/16/2019	2992	Thorpe	Road	Hope Twp	Yes	Bawker Lake	895.9	SFHA	260681	19-05-3953A
10/30/2019	354	Lakeside	Drive	Hope Twp	Yes	Guernsey Lake	917.7	SFHA	260681	19-05-5296A
10/13/2020	3491	W Dowling	Road	Hope Twp	Yes	Shallow Lake	939.8	SFHA	260681	20-05-4668A
11/25/2020	6603	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	930.3	SFHA	260681	21-05-0308A
11/20/2020	7789	Kirkshire	Drive	Hope Twp	Yes	Number Twenty-one lake	940.6	SFHA	260681	21-05-0658A
3/1/2021	5801	Head Lake	Road	Hope Twp	Yes	Long Lake	911.4	SFHA	260681	21-05-1915A
11/2/2010	3913	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260833	10-05-7710A
5/20/2014	3592	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260833	14-05-5426A
7/6/2016	12828	Bayou	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260833	16-05-4938A
4/15/2014	5311	Mud Lake	Road	Assyria Twp	Yes	Wabascon Creek	891.0	SFHA	260875	14-05-4187A
4/14/2017	6221	West Lake	Road	Assyria Twp	Yes	Bennett Lake	900.0	SFHA	260875	17-05-3371A
10/13/2009	2183	Tamarack Cove	Drive	Carlton Twp	Yes	Gun Lake	800.4	SFHA	260877	09-05-5581A
12/18/2009	63	Island	Court	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	09-05-6101A
1/26/2010	2195	Tamarack Cove	Drive	Carlton Twp	Yes	Leach Lake	800.4	SFHA	260877	10-05-1268A
5/11/2010	506	Gaskill	Road	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	10-05-3542A
8/24/2010	348	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	10-05-5823A
12/30/2010	518	Gaskill	Road	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	11-05-0856A
4/19/2011	3421	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	11-05-3968A
6/2/2011	334	Leach Lake	Road	Carlton Twp	Yes	Leach Lake		SFHA	260877	11-05-5868A
8/18/2011	188	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	11-05-7177A
8/9/2011	314	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	11-05-7591A
6/18/2013	3184	Middle Lake	Drive	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	13-05-5951A
12/12/2013	508	Gaskill	Road	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	14-05-1497A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
3/20/2014	611	Gaskill	Road	Carlton Twp	Yes	Middle Lake	806.5	SFHA	260877	14-05-3865A
4/17/2014	2088	N M-43	Highway	Carlton Twp	Yes	Leach Lake		SFHA	260877	14-05-4331A
4/17/2014	2068	N M-43	Highway	Carlton Twp	Yes	Leach Lake	801.4	SFHA	260877	14-05-4766A
4/17/2014	2072	N M-43	Highway	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	14-05-5398A
5/27/2016	698	Bauer	Road	Carlton Twp	Yes	Leach Lake	800.9	SFHA	260877	16-05-4104A
5/31/2016	3108	Middle Lake	Drive	Carlton Twp	Yes	Middle Lake	802.0	SFHA	260877	16-05-4962A
9/29/2016	3282	Middle Lake	Drive	Carlton Twp	Yes	Middle Lake	802.0	SFHA	260877	16-05-7589A
1/23/2017	2150	Leach Lake	Lane	Carlton Twp	Yes	Leach Lake	800.7	SFHA	260877	17-05-1669A
8/28/2017	44	Culbert	Drive	Carlton Twp	Yes	Middle Lake	803.8	SFHA	260877	17-05-6363A
10/11/2017	65	Island	Court	Carlton Twp	Yes	Middle Lake	802.0	SFHA	260877	18-05-0133A
11/15/2017	2094	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.7	SFHA	260877	18-05-0871A
1/8/2018	40	Culbert	Drive	Carlton Twp	Yes	Middle Lake	803.0	SFHA	260877	18-05-1254A
7/5/2019	520	Gaskill	Road	Carlton Twp	Yes	Middle Lake	803.4	SFHA	260877	19-05-3613A
10/10/2019	603	Gaskill	Road	Carlton Twp	Yes	Middle Lake	806.1	SFHA	260877	19-05-5183A
5/14/2020	3100	Middle Lake	Drive	Carlton Twp	Yes	Middle Lake	802.7	SFHA	260877	20-05-2677A
11/17/2020	516	Gaskill	Road	Carlton Twp	Yes	Middle Lake	803.2	SFHA	260877	21-05-0178A
10/8/2009	12724	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-5284A
8/28/2009	4185	England	Drive	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	09-05-5721A
10/20/2009	4275	Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-5798A
10/20/2009	4277	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-5860A
9/17/2009	11727	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-5950A
10/29/2009	4205	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6032A
10/19/2009	4324	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	09-05-6214A
11/18/2009	4207	E Joy	Road	Orangeville Twp	Yes	Gun Lake	746.0	SFHA	260879	09-05-6227A
11/5/2009	12712	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6237A
12/18/2009	12722	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6270A
10/23/2009	4300	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6273A
11/25/2009	4307	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6297A
10/23/2009	12579	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6317A
10/23/2009	12575	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6320A
10/15/2009	4315	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6354A
11/3/2009	4290	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6363A
11/24/2009	4338	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6442A
11/16/2009	4141	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6479A
2/2/2010	10816	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0181A
12/9/2009	4336	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0384A
11/23/2009	4324	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.9	SFHA	260879	10-05-0385A
11/3/2009	4391	Lynden	Road	Orangeville Twp	Yes	Gun Lake	746.1	SFHA	260879	10-05-0587A
12/18/2009	10818	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0606A
11/24/2009	12715	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0651A

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1/19/2010	3934	Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0839A
12/3/2009	4218	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0938A
1/12/2010	4289	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0975A
2/9/2010	12900	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1497A
2/2/2010	12989	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1512A
2/9/2010	12606	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1605A
2/16/2010	4180	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1612A
2/19/2010	12669	W Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1709A
2/18/2010	4186	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1732A
3/3/2010	11717	Chateau	Court	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1990A
3/11/2010	4407	Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2089A
3/4/2010	4364	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2093A
3/9/2010	5011	Patterson	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2236A
3/16/2010	4386	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2433A
5/6/2010	4363	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2757A
4/13/2010	10808	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2994A
4/13/2010	11937	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-3053A
4/15/2010	11681	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-3097A
5/4/2010	12564	Blue Lagoon	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-3163A
6/15/2010	4125	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-3800A
6/10/2010	12734	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-4402A
6/15/2010	12729	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	10-05-5006A
7/25/2010	12741	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5050A
8/19/2010	4307	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5459A
7/9/2010	4221	Lynden	Road	Orangeville Twp	Yes	Gun Lake	746.2	SFHA	260879	10-05-5486A
7/9/2010	4382	Lynden	Road	Orangeville Twp	Yes	Gun Lake	746.5	SFHA	260879	10-05-5490A
7/9/2010	4282	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5491A
7/9/2010	4274	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	10-05-5494A
8/10/2010	4267	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5627A
7/15/2010	10766	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	752.4	SFHA	260879	10-05-5664A
9/2/2010	4311	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5853A
9/30/2010	12735	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6290A
9/30/2010	12703	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6293A
9/30/2010	4285	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6294A
10/7/2010	4098	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6383A
10/5/2010	12914	Marsh	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6488A
10/7/2010	4139	1/2 W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6516A
10/21/2010	4327	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6873A
8/25/2010	12622	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	746.2	SFHA	260879	10-05-6940A
10/12/2010	4346	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-7071A

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10/12/2010	4319	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-7158A
11/9/2010	12332	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-7421A
1/4/2011	4281	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-1159A
11/15/2010	12583	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	11-05-1293A
1/11/2011	4357	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-1351A
1/13/2011	11408	Oak	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-1743A
2/15/2011	4331	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-2340A
2/1/2011	12593	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	11-05-3234A
3/29/2011	4260	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-3731A
3/25/2011	4396	Trails End	Road	Orangeville Twp	Yes	Gun Lake	746.9	SFHA	260879	11-05-4541A
7/28/2011	4273	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-6562A
8/23/2011	11026	Anchor Cove	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-7064A
9/8/2011	12759	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-7325A
9/15/2011	4281	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-8534A
9/29/2011	11795	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	11-05-9204A
11/14/2011	Lot 73	Lynden		Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	12-05-1019A
11/15/2011	4106	E Joy	Road	Orangeville Twp	Yes	Gun Lake	744.9	SFHA	260879	12-05-1021A
12/2/2011	12651	Blue Lagoon		Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	12-05-1502A
12/6/2011	3769	England	Drive	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	12-05-1580A
2/7/2012	8629	Cory	Drive	Orangeville Twp	Yes	Crystal Creek	825.6	SFHA	260879	12-05-1651A
1/26/2012	4144	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-1959A
3/13/2012	4320	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-3063A
4/26/2012	3681	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-5026A
8/2/2012	10806	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-5899A
6/12/2012	11961	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-5908A
6/21/2012	11761	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	12-05-6531A
7/6/2012	4205	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-6927A
6/13/2012	5111	Winding	Lane	Orangeville Twp	Yes	Gun Lake	746.7	SFHA	260879	12-05-6935A
8/14/2012	4023	Grandview	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-7367A
7/18/2012	4236	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	12-05-7968A
7/30/2012	12645	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	746.0	SFHA	260879	12-05-8269A
8/28/2012	12605	E Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-8545A
8/20/2012	12587	E Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	12-05-8914A
9/20/2012	12563	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-9252A
9/25/2012	12744	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-9383A
11/26/2012	4250	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-0713A
11/15/2012	11426	Oak	Drive	Orangeville Twp	Yes	Gun Lake	758.5	SFHA	260879	13-05-1200A
1/2/2013	3757	England	Drive	Orangeville Twp	Yes	Gun Lake	748.3	SFHA	260879	13-05-2278A
2/7/2013	4252	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-2696A
2/8/2013	4222	Joy	Road	Orangeville Twp	Yes	Gun Lake	746.0	SFHA	260879	13-05-3248A

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3/6/2013	3781	England	Drive	Orangeville Twp	Yes	Gun Lake	748.5	SFHA	260879	13-05-3757A
3/28/2013	12689	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-4304A
4/8/2013	4385	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	13-05-4818A
6/13/2013	11160	Anchor Cove	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-5178A
5/6/2013	11773	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.1	SFHA	260879	13-05-5349A
6/18/2013	11773	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.8	SFHA	260879	13-05-6088A
7/22/2013	4168	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	13-05-7070A
8/15/2013	12709	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-7503A
10/10/2013	11968	Parkway	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-8665A
10/31/2013	4150	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-0713A
11/14/2013	12695	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-0955A
1/9/2014	12710	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-1610A
1/30/2014	10816	Hermitage Pointe	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-2462A
2/20/2014	4341	Pickerel Cove	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-3383A
2/27/2014	4371	Pickerel Cove	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-3900A
4/29/2014	4246	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-055578A
5/16/2014	4226	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	14-05-6276A
6/3/2014	12571	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	14-05-6457A
7/3/2014	11881	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-7293A
7/1/2014	4134	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-7421A
8/21/2014	4235	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-7451A
7/31/2014	12627	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-7982A
8/26/2014	12560	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	747.9	SFHA	260879	14-05-8332A
9/9/2014	12650	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	747.3	SFHA	260879	14-05-8589A
9/25/2014	11925	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.3	SFHA	260879	14-05-8974A
9/9/2014	4271	Pickerel Cove	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	14-05-9056A
10/20/2014	3775	England	Drive	Orangeville Twp	Yes	Gun Lake	749.4	SFHA	260879	15-05-0437A
11/18/2014	11925	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.3	SFHA	260879	15-05-0740A
12/23/2014	12584	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	15-05-0830A
4/10/2015	11977	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	15-05-2991A
4/14/2015	4176	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	15-05-3424A
5/12/2015	12747	W Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	746.5	SFHA	260879	15-05-4418A
5/12/2015	4330	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	05-05-4631A
6/24/2015	12670	W Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	15-05-5019A
7/28/2015	11665	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.3	SFHA	260879	15-05-5471A
8/19/2015	3687	England	Drive	Orangeville Twp	Yes	Gun Lake	746.4	SFHA	260879	15-05-6331A
9/29/2015	11757	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.0	SFHA	260879	15-05-6651A
8/27/2015	4392	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	15-05-7155A
8/24/2015	11875	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.2	SFHA	260879	15-05-7177A
11/27/2015	11985	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.8	SFHA	260879	16-05-0106A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
11/9/2015	4308	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	16-05-0109A
5/18/2016	4314	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	16-05-4019A
7/18/2016	12720	Marsh	Road	Orangeville Twp	Yes	Gun River	745.6	SFHA	260879	16-05-5216A
7/5/2016	4866	Androunie	Lane	Orangeville Twp	Yes	Gun Lake	752.3	SFHA	260879	16-05-5699A
12/5/2016	12560	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	747.9	SFHA	260879	17-05-0020A
12/2/2016	4236	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	17-05-0845A
2/14/2017	12683	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.9	SFHA	260879	17-05-2501A
4/11/2017	4662	Torsten	Drive	Orangeville Twp	Yes	Gun Lake	748.0	SFHA	260879	17-05-3325A
4/11/2017	11885	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.4	SFHA	260879	17-05-3326A
4/28/2017	11885	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.9	SFHA	260879	17-05-3328A
6/14/2017	11438	White Oak	Drive	Orangeville Twp	Yes	Gun Lake	753.3	SFHA	260879	17-05-4426A
6/26/2017	12567	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	17-05-4629A
6/13/2017	12632	W Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	17-05-4914A
6/30/2017	4356	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	17-05-5215A
9/14/2017	12764	E Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	17-05-6687A
11/14/2017	4145	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.9	SFHA	260879	18-05-0139A
10/10/2017	12601	E Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	18-05-0166A
12/1/2017	11937	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.4	SFHA	260879	18-05-1171X
12/20/2017	4149	E Joy	Road	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	18-05-1520A
4/24/2018	4329	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	18-05-3520A
11/7/2018	4210	Trails End	Road	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	18-05-5580A
11/9/2018	4048	Parkway	Drive	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	18-05-6054A
9/10/2018	11785	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.0	SFHA	260879	18-05-6081A
11/14/2018	4200	Trails End	Road	Orangeville Twp	Yes	Gun Lake	746.6	SFHA	260879	19-05-0796A
12/27/2018	4275	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	19-05-0856A
5/3/2019	12726	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.3	SFHA	260879	19-05-2555A
7/29/2019	4330	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	19-05-4237A
8/19/2019	4181	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	19-05-4542A
10/8/2019	11751	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.7	SFHA	260879	20-05-0128A
3/16/2020	12613	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	20-05-2305A
5/1/2020	11729	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.7	SFHA	260879	20-05-2745A
6/1/2020	11745	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.2	SFHA	260879	20-05-2907A
9/15/2020	4262	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	20-05-4676A
10/15/2020	12747	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	747.3	SFHA	260879	20-05-4701A
2/16/2020	11711	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.0	SFHA	260879	20-05-4881A
11/30/2020	11725	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.3	SFHA	260879	21-05-0291A
12/30/2020	3781	England	Drive	Orangeville Twp	Yes	Gun Lake	748.9	SFHA	260879	21-05-0674A
12/10/2020	4118	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	21-05-0759A
1/15/2021	12988	Marsh	Road	Orangeville Twp	Yes	Gun Lake		SFHA	260879	21-05-0950A
2/26/2021	4270	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	21-05-1547A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
2/11/2021	4321	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	21-05-1638A
3/25/2021	4850	Adrounie	Lane	Orangeville Twp	Yes	Gun Lake	753.1	SFHA	260879	21-05-1665A
2/9/2021	12639	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	21-05-1713A
3/5/2021	4419	England	Drive	Orangeville Twp	Yes	Gun Lake	746.3	SFHA	260879	21-05-1749A
4/23/2021	4202	Trails End	Road	Orangeville Twp	Yes	Gun Lake	746.2	SFHA	260879	21-05-2332A
4/29/2019	15471	S M-43	Highway	Prairieville Twp	Yes	Gull Lake	883.1	SFHA	260880	19-05-2935A
9/15/2009	621	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	09-05-5669A
11/12/2009	300	Marie	Drive	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	09-05-6116A
2/23/2010	642	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	10-05-1874A
4/13/2010	636	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	10-05-2750A
6/16/2011	638	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	11-05-5995A
9/27/2011	9677	E Barnum	Road	Woodland Twp	Yes	Mud Creek	814.4	SFHA	260881	11-05-7746A
7/11/2013	628	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	13-05-6312A
4/24/2014	856	Beech	Street	Woodland Twp	Yes	Jordan Lake	814.8	SFHA	260881	14-05-5358A
5/18/2017	608	Eagle Point		Woodland Twp	Yes	Jordan Lake	814.8	SFHA	260881	17-05-2418A
8/29/2017	622	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.8	SFHA	260881	17-05-6478A
11/14/2018	849	Beech	Street	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	19-05-0193A
5/30/2019	9341	Davenport	Road	Woodland Twp	Yes	Mud Creek	822.4	SFHA	260881	19-05-3112A
10/28/2019	635	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	816.4	SFHA	260881	19-05-5382A
10/13/2009	12815	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-4876A
10/1/2009	12887	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-4879A
10/1/2009	12550	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-4880A
9/29/2009	12666	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-4903A
7/29/2009	2777	Russell	Drive	Yankee Springs Twp	Yes	Gun Lake	-746.3	SFHA	260883	09-05-4968A
9/29/2009	12751	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5150A
10/8/2009	12759	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5174A
8/10/2009	12739	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	-749.5	SFHA	260883	09-05-5191A
10/15/2009	2268	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5197A
10/13/2009	12170	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5220A
10/8/2009	12750	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5246A
11/17/2009	12742	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5253A
8/14/2009	12725	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	-748.1	SFHA	260883	09-05-5276A
8/14/2009	12855	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	-748.7	SFHA	260883	09-05-5288A
9/17/2009	12880	Hazel	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5309A
10/9/2009	12758	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5391A
8/14/2009	12567	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	-747.9	SFHA	260883	09-05-5405A
9/29/2009	12715	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5428A
9/29/2009	12855	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5429A
9/29/2009	12839	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5431A
8/14/2009	12755	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	-748.2	SFHA	260883	09-05-5432A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
8/12/2009	10946	Shade	Lane	Yankee Springs Twp	Yes	Gun Lake	-746.0	SFHA	260883	09-05-5433A
9/15/2009	12750	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5445A
9/22/2009	2088	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	745.0	SFHA	260883	09-05-5452A
10/8/2009	2079	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5458A
8/14/2009	2137	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	-746.1	SFHA	260883	09-05-5467A
8/20/2009	12875	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5489A
8/20/2009	12805	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5490A
8/14/2009	3805	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5501A
9/29/2009	12712	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5508A
8/14/2009	3088	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5518A
8/14/2009	3518	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.8	SFHA	260883	09-05-5542A
8/17/2009	3131	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5547A
8/18/2009	3132	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5569A
8/18/2009	3126	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5580A
8/18/2009	3162	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	748.1	SFHA	260883	09-05-5582A
8/18/2009	3630	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5583A
8/19/2009	3115	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	09-05-5584A
8/19/2009	3125	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.4	SFHA	260883	09-05-5585A
8/24/2009	3556	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5588A
8/25/2009	3482	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-55898A
8/25/2009	3446	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	09-05-5605A
8/25/2009	3122	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.6	SFHA	260883	09-05-5606A
8/26/2009	3432	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	09-05-5615A
8/27/2009	3610	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5616A
8/19/2009	1933	Parker	Road	Yankee Springs Twp	Yes	Gun Lake	747.0	SFHA	260883	09-05-5628A
9/3/2009	3169	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5631A
10/13/2009	12776	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5635A
10/13/2009	2019	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	09-05-5642A
8/27/2009	12692	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	09-05-5661A
10/23/2009	3265	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	09-05-5662A
9/3/2009	3534	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5663A
9/10/2009	12634	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5664A
9/9/2009	12615	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	747.4	SFHA	260883	09-05-5666A
9/10/2009	12635	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5673A
9/10/2009	12625	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	748.0	SFHA	260883	09-05-5677A
9/10/2009	12525	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5678A
9/10/2009	12517	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	09-05-5684A
9/16/2009	3889	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.9	SFHA	260883	09-05-5688A
9/16/2009	3578	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5689A
9/21/2009	3592	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5690A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
9/25/2009	3624	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.8	SFHA	260883	09-05-5692A
9/28/2009	3092	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	09-05-5694A
10/1/2009	3185	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5696A
9/29/2009	3138	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.5	SFHA	260883	09-05-5698A
9/29/2009	3196	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	09-05-5699A
10/7/2009	3095	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	09-05-5700A
10/9/2009	3214	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-5708A
10/13/2009	3454	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.5	SFHA	260883	09-05-5715A
10/6/2009	3440	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5717A
10/13/2009	3510	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.9	SFHA	260883	09-05-5718A
9/9/2009	3168	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.9	SFHA	260883	09-05-5719A
9/16/2009	3458	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	09-05-5720A
10/8/2009	2258	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	747.0	SFHA	260883	09-05-5742A
8/24/2009	3520	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5746A
9/15/2009	12855	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5772A
9/15/2009	3057	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5774A
10/13/2009	3648	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	09-05-5758A
8/28/2009	10798	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5796A
10/6/2009	10780	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5802A
10/19/2009	10784	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	745.8	SFHA	260883	09-05-5803A
10/13/2009	10800	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-5804A
10/20/2009	3835	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-5808A
10/20/2009	3877	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-5809A
10/22/2009	3859	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5810A
9/22/2009	3222	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.2	SFHA	260883	09-05-5813A
10/22/2009	3883	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.8	SFHA	260883	09-05-5815A
10/27/2009	3362	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.9	SFHA	260883	09-05-5845A
10/29/2009	10844	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	747.9	SFHA	260883	09-05-5846A
10/29/2009	10848	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.9	SFHA	260883	09-05-5848A
11/3/2009	10876	Shady	Lane	Thornapple Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5852A
10/1/2009	12783	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	749.4	SFHA	260883	09-05-5854A
9/3/2009	10976	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5866A
9/1/2009	2014	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	748.0	SFHA	260883	09-05-5899A
10/27/2009	2262	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5944A
10/8/2009	3131	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5948A
10/23/2009	2236	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5959A
10/27/2009	2242	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5960A
9/17/2009	2240	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5961A
10/6/2009	2146	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5963A
9/17/2009	2194	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5979A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
10/6/2009	1876	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5978A
9/17/2009	1924	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5983A
10/8/2009	2120	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5989A
10/29/2009	2253	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6045A
10/6/2009	1815	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6050A
11/5/2009	2176	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6056A
10/6/2009	2230	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6058A
10/20/2009	12773	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6074A
10/6/2009	2234	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6091A
11/3/2009	12709	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6143A
9/28/2009	10715	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	754.2	SFHA	260883	09-05-6175A
11/5/2009	2186	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6176A
11/3/2009	3392	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	09-05-6181A
10/29/2009	12529	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	09-05-6184A
11/9/2009	3244	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	748.7	SFHA	260883	09-05-6185A
10/23/2009	11277	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6190A
11/16/2009	3566	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6216A
11/18/2009	3238	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	748.4	SFHA	260883	09-05-6219A
10/29/2009	3450	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	09-05-6220A
10/8/2009	12767	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6232A
9/23/2009	2264	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	747.0	SFHA	260883	09-05-6234A
10/20/2009	2246	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6267A
11/12/2009	1894	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6289A
10/23/2009	2278	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6290A
11/5/2009	12759	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6291A
11/12/2009	12780	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6304A
11/3/2009	12774	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6305A
10/13/2009	12651	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6308A
10/23/2009	12704	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6313A
11/27/2009	1864	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6321A
11/10/2009	12716	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6322A
11/10/2009	12675	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6323A
11/10/2009	10771	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6325A
11/10/2009	12725	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6333A
10/27/2009	12698	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6341A
11/3/2009	2210	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6347A
10/13/2009	3266	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6359A
10/23/2009	3853	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6361A
10/27/2009	3865	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6362A
11/3/2009	3847	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6364A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
10/27/2009	2075	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6379A
1/26/2010	11399	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6393A
11/19/2009	3979	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.9	SFHA	260883	09-05-6430A
11/17/2009	2008	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6455A
11/17/2009	10777	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6477A
11/12/2009	2723	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6488A
11/24/2009	2201	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0003A
11/19/2009	2227	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0005A
11/12/2009	1970	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0007A
11/19/2009	12831	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0008A
11/3/2009	3443	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	10-05-0091A
11/19/2009	12627	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0095A
11/24/2009	2215	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0102A
11/24/2009	12807	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	748.5	SFHA	260883	10-05-0121A
11/19/2009	2045	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0123A
11/24/2009	2234	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0133A
11/19/2009	2187	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0135A
12/8/2009	2235	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0152A
11/25/2009	2165	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0153A
11/24/2009	2693	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0169A
11/25/2009	12727	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0188A
11/17/2009	2270	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0193A
12/3/2009	11317	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0252A
12/3/2009	11347	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0253A
12/1/2009	12760	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0290A
12/18/2009	11421	Lighthouse	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0312A
10/20/2009	3600	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	10-05-0368A
11/23/2009	10810	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	10-05-0371A
11/24/2009	12676	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0420A
1/12/2010	2266	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0426A
1/8/2010	2338	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0444A
12/23/2009	12780	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0455A
1/19/2010	1944	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0469A
10/29/2009	3179	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	10-05-0555A
12/31/2009	12771	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0571A
12/9/2009	3388	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.5	SFHA	260883	10-05-0588A
11/10/2009	2018	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	751.2	SFHA	260883	10-05-0589A
1/26/2010	2771	Russell	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0600A
12/22/2009	12598	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0668A
12/18/2009	12591	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0686A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
12/23/2009	12856	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0702A
12/31/2009	2673	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0712A
12/29/2009	12575	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	747.6	SFHA	260883	10-05-0726A
12/28/2009	2324	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0746A
1/28/2010	2294	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0753A
1/5/2010	3137	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0759A
12/4/2009	1877	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0796A
12/22/2009	12726	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0798A
1/26/2010	12947	Johnson	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0885A
1/12/2010	12574	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0976A
1/12/2010	12703	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0979A
1/26/2010	3050	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1003A
1/12/2010	12646	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1035A
1/12/2010	12765	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1039A
1/14/2010	12586	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1051A
1/21/2010	12482	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1179A
1/28/2010	12553	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1305A
3/9/2010	2286	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1307A
4/1/2010	2008	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1468A
2/12/2010	2212	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1553A
2/12/2010	12719	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1566A
2/12/2010	2248	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1595A
2/2/2010	1899	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1599A
2/16/2010	3330	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1617A
3/4/2010	12702	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2017A
3/4/2010	12910	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2282A
3/16/2010	12610	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2302A
3/16/2010	3301	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2368A
3/30/2010	3050	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2508A
3/30/2010	1906	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2804A
4/20/2010	2157	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-3270A
6/8/2010	3217	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-3473A
3/31/2010	3555	Lisa	Lane	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	10-05-3498A
3/31/2010	3017	S Patterson	Road	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	10-05-3501A
4/20/2010	1987	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-3543A
5/11/2010	4135	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-3966A
6/3/2010	3099	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4086A
5/25/2010	2190	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4179A
6/1/2010	11444	Lighthouse	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4275A
5/19/2010	12491	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	748.2	SFHA	260883	10-05-4306A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
6/8/2010	2374	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4545A
6/10/2010	12925	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4617A
7/15/2010	2228	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-5064A
8/24/2010	10637	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-5411A
7/27/2010	2160	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-5495A
7/12/2010	1771	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	750.3	SFHA	260883	10-05-5548A
9/9/2010	11437	Lighthouse	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6108A
9/30/2010	12513	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6292A
8/26/2010	12575	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6492A
9/30/2010	1951	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6561A
9/16/2010	1965	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6634A
10/19/2010	12940	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6782A
10/26/2010	12686	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-7026A
10/14/2010	2364	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-7366A
11/12/2010	3143	Sand Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-7658A
9/28/2010	11888	Winward	Lane	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	10-05-7850A
10/7/2010	1858	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	11-05-0206A
12/2/2010	12735	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-0399A
11/3/2010	12762	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	749.3	SFHA	260883	11-05-0709A
12/7/2010	3121	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-0795A
10/30/2010	11331	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-1157A
1/11/2011	11393	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-1349A
2/8/2011	12932	Hazel	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-2108A
2/17/2011	2107	S Patterson	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-2379A
3/2/2011	3089	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-2933A
3/17/2011	2517	Briggs	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-3289A
6/23/2011	12768	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-4779A
5/19/2011	12748	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-5420A
6/2/2011	3104	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-5996A
6/30/2011	3096	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-6053A
6/30/2011	2069	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-6057A
6/7/2011	10769	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-6119A
6/10/2011	12814	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	750.1	SFHA	260883	11-05-6314A
7/26/2011	12959	Valley	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-7179A
9/15/2011	2889	S Patterson	Road	Yankee Springs Twp	Yes	Gun Lake	746.9	SFHA	260883	11-05-7864A
9/20/2011	12804	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	750.5	SFHA	260883	11-05-8124A
9/15/2011	12792	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-8213A
10/20/2011	11255	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-8461A
10/13/2011	10888	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-8550A
11/7/2011	2027	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-9020A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
10/13/2011	2021	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	748.7	SFHA	260883	11-05-9185A
10/7/2011	1847	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	747.4	SFHA	260883	12-05-0116A
10/25/2011	12795	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-0191A
12/13/2011	10715	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-0483A
11/22/2011	2200	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-0822A
12/22/2011	12867	Sunrise	Court	Yankee Springs Twp	Portion	Gun Lake	745.6	SFHA	260883	12-05-0845A
12/1/2011	2085	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	749.8	SFHA	260883	12-05-1125A
12/13/2011	11283	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-1295A
2/7/2012	3190	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-2530A
3/20/2012	1883	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	12-05-3232A
3/22/2012	11486	Lighthouse	Court	Yankee Springs Twp	Yes	Gun Lake	747.8	SFHA	260883	12-05-4208A
4/24/2012	2689	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	12-05-5149A
5/24/2012	3041	Patterson	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-5478A
8/14/2012	10787	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-5970A
6/12/2012	12711	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	748.8	SFHA	260883	12-05-6465A
7/3/2012	12700	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	749.7	SFHA	260883	12-05-6900A
8/14/2012	12715	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	749.1	SFHA	260883	12-05-8200A
7/26/2012	2731	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	12-05-8239A
8/2/2012	3424	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	12-05-8491A
8/6/2012	11299	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-8561A
8/30/2012	12618	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-8768A
8/20/2012	10983	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	747.3	SFHA	260883	12-05-8961A
9/18/2012	12743	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	747.6	SFHA	260883	12-05-9296A
11/27/2012	3261	Sandy Beach	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-1057A
12/18/2012	2255	Parker	Road	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	13-05-1907A
2/5/2013	1970	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-2740A
3/14/2013	3216	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-3660A
4/10/2013	12970	Hazel	Drive	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	13-05-4861A
8/1/2013	12787	Theris	Drive	Yankee Springs Twp	Portion	Gun Lake	745.6	SFHA	260883	13-05-5228A
5/16/2013	12711	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	13-05-5284A
6/20/2012	12830	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-5489A
9/19/2013	12841	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-7310A
8/8/2013	3407	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.6	SFHA	260883	13-05-7462A
9/19/2013	3325	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-8051A
10/4/2013	12815	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-8178A
11/21/2013	1855	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-8535A
11/7/2013	3823	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-0646A
11/29/2013	3495	Lisa	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-1503A
12/31/2013	2675	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake		SFHA	260883	14-05-2246A
1/21/2014	11810	English	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-2461A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
1/16/2014	11369	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-2528A
1/30/2014	2190	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake		SFHA	260883	14-05-2544A
2/25/2014	10877	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-3642A
5/15/2014	3090	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-5304A
6/3/2014	2166	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-5997A
7/1/2014	2061	S Patterson	Road	Yankee Springs Twp	Yes	Gun Lake		SFHA	260883	14-05-6760A
8/15/2014	3285	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	14-05-8559A
9/30/2014	12514	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-9010A
11/4/2014	12971	Johnson	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-9345A
12/16/2014	12501	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-0934A
12/23/2014	3099	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-1456A
1/13/2015	2030	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-1681A
1/13/2015	2018	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-1682A
1/20/2015	3787	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.9	SFHA	260883	15-05-1748A
4/9/2015	12926	Hazel	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-3340A
12/4/2015	3534	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	16-05-0710A
12/16/2015	3481	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	16-05-0720A
11/13/2015	3648	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	16-05-0906A
4/27/2016	1883	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	16-05-3442A
6/29/2016	11347	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	16-05-4755A
6/29/2016	12508	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	747.7	SFHA	260883	16-05-4832A
11/15/2016	1905	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	747.6	SFHA	260883	16-05-7087A
10/7/2016	11383	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	16-05-7145A
1/12/2017	3578	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	17-05-0670A
12/21/2016	3805	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	17-05-1029A
1/13/2017	3542	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	17-05-2028A
5/26/2017	11317	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	17-05-4217A
5/31/2017	10769	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	17-05-4598A
6/26/2017	2138	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	746.9	SFHA	260883	17-05-4685A
7/6/2017	11255	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	17-05-4723A
3/21/2018	11299	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	18-05-1676A
2/7/2018	12896	Bayou	Court	Yankee Springs Twp	Yes	Gun Lake	749.6	SFHA	260883	18-05-1840A
7/30/2018	1479	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	740.2	SFHA	260883	18-05-3778A
7/17/2018	12753	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	18-05-4474A
8/27/2018	1453	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	742.1	SFHA	260883	18-05-5497A
9/7/2018	3057	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	18-05-5499A
9/17/2018	12517	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	18-05-5629A
11/7/2018	1313	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	744.5	SFHA	260883	19-05-0114A
11/30/2018	1151	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	755.2	SFHA	260883	19-05-0330A
12/31/2018	1365	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	746.7	SFHA	260883	19-05-1050A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
1/17/2019	713	Edgecreek	Drive	Yankee Springs Twp	Yes	Unnamed source		SFHA	260883	19-05-1257A
12/18/2020	2818	Russell	Drive	Yankee Springs Twp	Yes	Gun Lake	745.9	SFHA	260883	21-05-0760A
1/26/2021	11259	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	21-05-1049A
9/10/2013	304	S Main	Street	Thornapple Twp	Yes	Thornapple River	814.0	SFHA	260902	13-05-7970A
7/3/2014	523	Queen	Street	Nashville Village	Yes	Thornapple River	812.9	SFHA	260902	14-05-7265A
10/21/2015	230	S Main	Street	Nashville Village	Yes	Thornapple River	817.1	SFHA	260902	15-05-7702A
7/18/2016	732	Sherman	Street	Nashville Village	Yes	Quaker Brook	815.0	SFHA	260902	16-05-4810A
10/14/2016	732	Kellogg	Street	Nashville Village	Yes	Thornapple River	818.4	SFHA	260902	16-05-7362A
3/20/2018	501	N Main	Street	Thornapple Twp	Yes	Thornapple River	814.6	SFHA	260902	18-05-3132A

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5/7/2009	2601	Lacey	Road	Johnstown Twp	Yes	High Bank Creek	910.7	SFHA	260355	09-05-2118A
8/30/2018	2086	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	802.1	SFHA	230877	18-05-5353A
9/8/2009	101	E Shriner	Street	Hastings	Yes	Fall Creek	807.3	SFHA	260314	09-05-4614A
3/27/2012	214	E Shriner	Street	Hastings	Yes	Fall Creek	810.0	SFHA	260314	12-05-3973A
11/29/2012	505	E Railroad	Street	Hastings	Yes	Thornapple River	786.3	SFHA	260314	13-05-1320A
6/11/2013	1021	W State	Street	Hastings	Yes	Thornapple River	777.0	SFHA	260314	13-05-5338A
3/25/2014	817	E State	Street	Hastings	Yes	Thornapple River	798.5	SFHA	260314	14-05-4289A
3/20/2014	1029	E Railroad	Street	Hastings	Yes	Thornapple River	795.1	SFHA	260314	14-05-4317A
4/29/2014	1029	E Railroad	Street	Hastings	Yes	Thornapple River	796.2	SFHA	260314	14-05-5087A
4/14/2014	815	W State	Street	Hastings	Yes	Thornapple River	778.2	SFHA	260314	14-05-5320A
11/25/2014	1117	S Michigan	Avenue	Hastings	Yes	Fall Creek	806.8	SFHA	260314	14-05-7838A
11/18/2014	1105	W State	Street	Hastings	Yes	Unnamed source	777.0	SFHA	260314	15-05-0512A
12/2/2015	1429	S Jefferson	Street	Hastings	Yes	Fall Creek		SFHA	260314	16-05-0649A
5/31/2019	225	N Industrial Park	Drive	Hastings	Yes	Thornapple River	776.6	SFHA	260314	19-053124A
1/4/2021	203	W Thorn	Street	Hastings	Yes	Thornapple River	780.7	SFHA	260314	21-05-0681A
6/7/2011	4850	West Irving	Road	Irving Twp	Yes	Thornapple River	762.4	SFHA	260354	11-05-5790A
7/14/2011	5505	West Irving	Road	Irving Twp	Yes	Thornapple River	745.6	SFHA	260354	11-05-6385A
12/22/2017	3159	Sugar Creek	Drive	Irving Twp	Yes	Unnamed source		SFHA	260354	18-05-1053A
1/5/2018	5497	W Irving	Road	Irving Twp	Yes	Thornapple River	745.7	SFHA	260354	18-05-1071A
8/21/2018	5501	W Irving	Road	Irving Twp	Yes	Thornapple River	745.8	SFHA	260354	18-05-5129A
12/16/2020	2525	Horshoe Trail		Irving Twp	Yes	Thornapple River	743.3	SFHA	260354	21-05-0347A
9/3/2009	12433	Valpine	Drive	Johnstown Twp	Yes	Long Lake	912.6	SFHA	260355	09-05-4118A
11/24/2009	11921	Cisco Bay	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	09-05-6397A
10/8/2009	3645	Schreiner	Road	Johnstown Twp	Yes	Mud Creek	100.0	SFHA	260355	10-05-0006A
1/21/2010	4431	Indian Trail	Road	Johnstown Twp	Yes	Fine Lake	919.6	SFHA	260355	10-05-0310A
4/1/2010	1168	Willow Cove	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	10-05-2338A
4/26/2010	11893	Cisco Bay	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	10-05-3575A
9/3/2010	12535	Valpine	Drive	Johnstown Twp	Yes	Long Lake	912.6	SFHA	260355	10-05-5762A
9/23/2010	2901	West Shore	Drive	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	10-05-6685A
1/20/2011	14393	Frances	Avenue	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	11-05-1413A
12/14/2010	2901	West Shore	Drive	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	11-05-1781A
1/6/2011	2901	West Shore	Drive	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	11-05-2269X
2/17/2011	12589	Valpine	Drive	Johnstown Twp	Yes	Long Lake	912.6	SFHA	260355	11-05-2318A
6/30/2011	4200	Fruin	Road	Johnstown Twp	Yes	Unnamed source	907.5	SFHA	260355	11-05-5271A
5/10/2011	4205	Fruin	Road	Johnstown Twp	Yes	Unnamed source	907.5	SFHA	260355	11-05-5297A
6/23/2011	372	West Hickory	Drive	Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	11-05-5517A
8/16/2011	211	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	11-05-7799A
4/17/2012	4225	Fruin	Road	Johnstown Twp	Yes	Unnamed source	907.5	SFHA	260355	12-05-4251A
6/26/2012	4025	Fruin	Road	Johnstown Twp	Yes	Unnamed source	915.2	SFHA	260355	12-05-6474A
3/14/2013	3001	West Shore	Drive	Johnstown Twp	Yes	Finn Lake	920.6	SFHA	260355	13-05-3659A

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4/11/2013	225	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	13-05-3840A
8/6/2013	225	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	13-05-6431A
10/7/2013	145	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	911.0	SFHA	260355	14-05-0153A
3/6/2014	12615	S M-37	Highway	Johnstown Twp	Yes	Unnamed source	920.8	SFHA	260355	14-05-1935A
2/11/2014	365	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	912.2	SFHA	260355	14-05-3033A
2/11/2014	249	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	911.8	SFHA	260355	14-05-3176A
3/25/2014	2431	Bristol Lake	Street	Johnstown Twp	Yes	Bristol Lake	910.7	SFHA	260355	14-05-4775A
4/15/2014	359	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.0	SFHA	260355	14-05-5101A
4/30/2015	4182	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	915.4	SFHA	260355	15-05-3795A
11/12/2015	4891	Walnut Ridge		Johnstown Twp	Yes	Fine Lake	921.9	SFHA	260355	16-05-0210A
2/12/2016	4312	Indian Isle		Johnstown Twp	Yes	Fine Lake	932.4	SFHA	260355	16-05-2090A
2/19/2016	3962	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	911.4	SFHA	260355	16-05-2356A
3/18/2016	4351	Indian Isle		Johnstown Twp	Yes	Fine Lake	923.0	SFHA	260355	16-05-2714A
5/17/2017	11877	Cisco Bay	Drive	Johnstown Twp	Yes	Bristol Lake	911.5	SFHA	260355	17-05-2474A
4/2/2018	13828	Banfield	Road	Johnstown Twp	Yes	Fine Lake	930.4	SFHA	260355	18-05-2789A
5/29/2018	11778	Willow Cove	Drive	Johnstown Twp	Yes	Bristol Lake	916.1	SFHA	260355	18-05-3262A
7/6/2018	200	E Hickory	Road	Johnstown Twp	Yes	Fine Lake	932.4	SFHA	260355	18-05-4222A
8/15/2018	4871	Walnut Ridge		Johnstown Twp	Yes	Fine Lake	920.8	SFHA	260355	18-05-5054A
9/17/2018	60	E Hickory	Road	Johnstown Twp	Yes	Fine Lake		SFHA	260355	18-05-5684A
4/15/2019	4371	Indian Isle		Johnstown Twp	Yes	Fine Lake	920.6	SFHA	260355	19-05-2401A
12/9/2019	401	East Shore	Drive	Johnstown Twp	Yes	Fine Lake	921.3	SFHA	260355	20-05-0739A
1/15/2020	11488	Willow Cove	Drive	Johnstown Twp	Yes	Bristol Lake	910.3	SFHA	260355	20-05-1384A
4/20/2020	277	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	20-05-2260A
10/14/2020	2970	Lake Culver	Drive	Johnstown Twp	Yes	Culver Lake	915.0	SFHA	260355	20-05-3354A
9/9/2020	3609	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	910.9	SFHA	260355	20-05-4640A
10/13/2020	3612	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	910.9	SFHA	260355	20-05-4641A
10/13/2020	3610	Bristol Oaks	Street	Johnstown Twp	Yes	Bristol Lake	910.1	SFHA	260355	20-05-4642A
3/4/2021	247	Sunset	Drive	Johnstown Twp	Yes	Bristol Lake	910.9	SFHA	260355	21-05-1985A
3/6/2018	3	Market	Street	Middleville Village	Yes	Thornapple River	722.5	SFHA	260356	18-05-2245A
8/29/2018	189-201	Mill Pond	Lane	Middleville Village	Yes	Thornapple River	723.2	SFHA	260356	18-05-5283A
6/25/2019	120	W Main	Street	Middleville Village	Yes	Thornapple River	718.0	SFHA	260356	19-05-3473A
1/26/2012	7205	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260360	12-05-2393A
10/22/2009	7115	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	09-05-4613A
10/8/2009	6803	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	09-05-4893A
9/17/2009	7027	Bouman	Drive	Thornapple Twp	Yes	Thornapple River	710.0	SFHA	260630	09-05-5905A
9/29/2009	7380	Bouman	Drive	Thornapple Twp	Yes	Thornapple River	709.6	SFHA	260630	09-05-5907A
10/20/2009	7028	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	09-05-6153A
11/12/2009	6827	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	773.0	SFHA	260630	09-05-6481A
11/24/2009	7027	Bouman	Drive	Thornapple Twp	Yes	Thornapple River	710.0	SFHA	260630	10-05-0138X
11/24/2009	7055	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	10-05-0140A

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11/24/2009	6839	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.0	SFHA	260630	10-05-0285A
12/18/2009	7046	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	772.6	SFHA	260630	10-05-0549A
1/12/2010	7165	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1016A
1/12/2010	7215	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1038A
1/14/2010	7195	Noffke SE	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1048A
1/21/2010	7175	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1133A
2/2/2010	6881	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1339A
1/26/2010	6919	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1411A
2/12/2010	6895	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1795A
2/23/2010	7045	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1826A
3/3/2010	6907	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1827A
2/25/2010	6931	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1829A
2/25/2010	6865	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-1873A
5/13/2010	7125	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-3236A
4/26/2010	7115	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-3652A
7/20/2010	7025	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	10-05-4937A
2/22/2011	7101	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	11-05-1685A
10/9/2012	3050	North M-37	Highway	Thornapple Twp	Yes	Bassett Creek	722.7	SFHA	260630	12-05-9836A
1/10/2013	7118	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	13-05-1967A
2/21/2013	6671	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	13-05-2341A
1/31/2013	6634	Duncan Lake	Road	Thornapple Twp	Yes	Duncan Creek	770.0	SFHA	260630	13-05-2639A
9/24/2013	6341	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	770.4	SFHA	260630	13-05-8048A
10/17/2013	7136	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	770.0	SFHA	260630	14-05-0345A
12/12/2013	8340	108th	Street	Thornapple Twp	Yes	Thornapple River	707.6	SFHA	260630	14-05-1429A
10/14/2014	7311	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	778.4	SFHA	260630	14-05-9284A
2/17/2015	8855	Parmalee	Road	Thornapple Twp	Yes	Thornapple River	724.3	SFHA	260630	15-05-2297A
10/9/2015	7683	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	773.1	SFHA	260630	15-05-7417A
9/17/2015	7027	Bouman	Drive	Thornapple Twp	Yes	Thornapple River	708.7	SFHA	260630	15-05-7674A
8/26/2016	6413	N Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	774.4	SFHA	260630	16-05-6170A
8/30/2016	6393	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	773.1	SFHA	260630	16-05-6222A
8/29/2016	6431	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake		SFHA	260630	16-05-6232A
8/31/2016	6377	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	777.6	SFHA	260630	16-05-6261A
10/18/2016	7447	Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	776.6	SFHA	260630	16-05-7380A
9/13/2018	7082	Kimberly SE	Drive	Thornapple Twp	Yes	Duncan Lake	771.5	SFHA	260630	18-05-5507A
9/27/2018	7661	N Noffke	Drive	Thornapple Twp	Yes	Duncan Lake	772.9	SFHA	260630	18-05-6398A
11/9/2018	7060	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	773.2	SFHA	260630	19-05-0126A
6/19/2020	6740	Lydia	Court	Thornapple Twp	Yes	Duncan Lake	775.2	SFHA	260630	20-05-3351A
10/14/2020	7100	Kimberly	Drive	Thornapple Twp	Yes	Duncan Lake	774.4	SFHA	260630	20-05-4705A
12/22/2009	9351	E M-79	Highway	Castleton Twp	Yes	Thornapple River	811.5	SFHA	260641	10-05-0721A
2/7/2014	6241	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	802.7	SFHA	260641	14-05-3415A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
2/10/2014	6525	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	804.8	SFHA	260641	14-05-3416A
4/1/2014	6525	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	802.7	SFHA	260641	14-05-4698A
5/31/2017	6335	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	805.7	SFHA	260641	17-05-4506A
9/11/2017	952	Gerke	Drive	Castleton Twp	Yes	Thornapple River	794.4	SFHA	260641	17-05-5946A
3/13/2018	1834	Cogswell	Road	Castleton Twp	Yes	Thornapple River	805.4	SFHA	260641	18-05-2412A
11/14/2019	6901	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	804.2	SFHA	260641	20-05-0087A
1/2/2020	5022	Thornapple Lake	Road	Castleton Twp	Yes	Thornapple River	802.9	SFHA	260641	20-05-0423A
9/13/2011	4601	Morgan	Road	Maple Grove Twp	Yes	High Bank Creek		SFHA	260644	11-05-8369A
1/26/2010	1515	Center	Road	Hastings Twp	Yes	Thornapple River	786.3	SFHA	260648	10-05-0422A
8/19/2010	2675	Coburn	Road	Hastings Twp	Yes	Cedar Creek	808.1	SFHA	260648	10-05-5711A
9/14/2010	132	Coats Grove	Road	Hastings Twp	Yes	Leach Lake	800.4	SFHA	260648	10-05-5847A
2/17/2011	2651	Coburn	Road	Hastings Twp	Yes	Cedar Creek	810.3	SFHA	260648	11-05-1443A
6/16/2011	2514	S Charlton Park	Road	Hastings Twp	Yes	Thornapple River	801.5	SFHA	260648	11-05-3970A
12/4/2014	73	B	Drive	Hastings Twp	Yes	Leach Lake	800.6	SFHA	260648	15-05-0942A
9/21/2015	4413	David	Avenue	Hastings Twp	Yes	Thornapple River	802.7	SFHA	260648	15-05-7045A
11/18/2015	4973	Thornapple Lake	Road	Hastings Twp	Yes	Thornapple River	802.8	SFHA	260648	15-05-7254A
3/10/2016	2514	S Charlton Park	Road	Hastings Twp	Yes	Thornapple River		SFHA	260648	16-05-2622A
2/7/2018	1654	E Center	Street	Hastings Twp	Yes	Thornapple River	791.3	SFHA	260648	18-05-2366A
6/27/2018	96	B	Drive	Hastings Twp	Yes	Leach Lake	800.8	SFHA	260648	18-05-4710A
3/28/2019	2492	Campground	Road	Hastings Twp	Yes	Fall Creek		SFHA	260648	19-05-1687A
11/19/2009	1675	Solomon	Road	Rutland Twp	Yes	Thornapple River	762.2	SFHA	260656	09-05-5627A
3/14/2013	1832	N Irving	Road	Rutland Twp	Yes	Thornapple River	748.6	SFHA	260656	13-05-3098A
4/15/2016	1939	Solomon	Road	Rutland Twp	Yes	Thornapple River	762.4	SFHA	260656	16-05-3199A
10/11/2017	371	S Whitmore	Road	Rutland Twp	Yes	Glass Creek	791.4	SFHA	260656	17-05-6525A
10/9/2018	2565	Chippewa Trail		Rutland Twp	Yes	Thornapple River	776.1	SFHA	260656	18-05-6014A
8/4/2009	6548	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	09-05-4830A
9/29/2009	6371	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	926.0	SFHA	260681	09-05-5454A
10/20/2009	6335	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	09-05-6108A
11/24/2009	6427	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	10-05-0150A
11/16/2009	6507	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	926.0	SFHA	260681	10-05-0190A
12/29/2009	6383	Wooded Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	10-05-0725A
7/20/2010	6396	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	10-05-4911A
9/21/2010	3986	South Shore	Drive	Hope Twp	Yes	Long Lake	910.3	SFHA	260681	10-05-5329A
2/8/2011	3020	Thorpe	Road	Hope Twp	Yes	Bawker Lake	895.2	SFHA	260681	11-05-2032A
3/15/2011	5773	Head Lake	Road	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	11-05-3281A
8/31/2011	7560	CK & S Trail		Hope Twp	Yes	Long Lake	910.4	SFHA	260681	11-05-7603A
12/13/2011	4066	South Shore	Drive	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	12-05-1166A
2/7/2012	7808	S M-43	Highway	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	12-05-2738A
3/6/2012	6439	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	12-05-3242A
3/27/2012	3901	South Shore	Drive	Hope Twp	Yes	Long Lake		SFHA	260681	12-05-3975A

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11/29/2012	6395	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	13-05-1219A
1/29/2013	8329	Wilkinson Lake	Road	Hope Twp	Yes	Cloverdale Lake	925.6	SFHA	260681	13-05-2581A
5/9/2013	5730	Head Lake	Road	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	13-05-4530A
8/6/2013	7190	Longview	Court	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	13-05-7344A
11/19/2013	7190	Longview	Court	Hope Twp	Yes	Long Lake	910.2	SFHA	260681	14-05-1082A
11/25/2014	6342	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	937.1	SFHA	260681	15-05-0103A
1/15/2015	3992	South Shore	Drive	Hope Twp	Yes	Long Lake	910.3	SFHA	260681	15-05-1773A
1/29/2015	6347	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	930.3	SFHA	260681	15-05-2167A
9/11/2015	6451	Woods Trail	Road	Hope Twp	Yes	Cloverdale Lake	927.5	SFHA	260681	15-05-6903A
10/28/2015	6525	Woods Trail	Road	Hope Twp	Yes	Cloverdale Lake	933.7	SFHA	260681	15-05-7906A
11/25/2015	3810	South Shore	Drive	Hope Twp	Yes	Long Lake	912.2	SFHA	260681	16-05-0533A
8/9/2017	7177	Longview	Court	Hope Twp	Yes	Long Lake	915.1	SFHA	260681	17-05-5168A
11/1/2017	3050	Thorpe	Road	Hope Twp	Yes	Bawker Lake	896.8	SFHA	260681	17-05-7145A
11/17/2017	3911	South Shore	Drive	Hope Twp	Yes	Long Lake	911.0	SFHA	260681	18-05-0238A
6/22/2018	6310	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	933.5	SFHA	260681	18-05-4040A
12/31/2018	5757	Saggio	Drive	Hope Twp	Yes	Pine Lake	897.2	SFHA	260681	19-05-0899A
7/16/2019	2992	Thorpe	Road	Hope Twp	Yes	Bawker Lake	895.9	SFHA	260681	19-05-3953A
10/30/2019	354	Lakeside	Drive	Hope Twp	Yes	Guernsey Lake	917.7	SFHA	260681	19-05-5296A
10/13/2020	3491	W Dowling	Road	Hope Twp	Yes	Shallow Lake	939.8	SFHA	260681	20-05-4668A
11/25/2020	6603	Woods Trail	Drive	Hope Twp	Yes	Cloverdale Lake	930.3	SFHA	260681	21-05-0308A
11/20/2020	7789	Kirkshire	Drive	Hope Twp	Yes	Number Twenty-one lake	940.6	SFHA	260681	21-05-0658A
3/1/2021	5801	Head Lake	Road	Hope Twp	Yes	Long Lake	911.4	SFHA	260681	21-05-1915A
11/2/2010	3913	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260833	10-05-7710A
5/20/2014	3592	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260833	14-05-5426A
7/6/2016	12828	Bayou	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260833	16-05-4938A
4/15/2014	5311	Mud Lake	Road	Assyria Twp	Yes	Wabascon Creek	891.0	SFHA	260875	14-05-4187A
4/14/2017	6221	West Lake	Road	Assyria Twp	Yes	Bennett Lake	900.0	SFHA	260875	17-05-3371A
10/13/2009	2183	Tamarack Cove	Drive	Carlton Twp	Yes	Gun Lake	800.4	SFHA	260877	09-05-5581A
12/18/2009	63	Island	Court	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	09-05-6101A
1/26/2010	2195	Tamarack Cove	Drive	Carlton Twp	Yes	Leach Lake	800.4	SFHA	260877	10-05-1268A
5/11/2010	506	Gaskill	Road	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	10-05-3542A
8/24/2010	348	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	10-05-5823A
12/30/2010	518	Gaskill	Road	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	11-05-0856A
4/19/2011	3421	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	11-05-3968A
6/2/2011	334	Leach Lake	Road	Carlton Twp	Yes	Leach Lake		SFHA	260877	11-05-5868A
8/18/2011	188	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	11-05-7177A
8/9/2011	314	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	11-05-7591A
6/18/2013	3184	Middle Lake	Drive	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	13-05-5951A
12/12/2013	508	Gaskill	Road	Carlton Twp	Yes	Middle Lake	801.9	SFHA	260877	14-05-1497A

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3/20/2014	611	Gaskill	Road	Carlton Twp	Yes	Middle Lake	806.5	SFHA	260877	14-05-3865A
4/17/2014	2088	N M-43	Highway	Carlton Twp	Yes	Leach Lake		SFHA	260877	14-05-4331A
4/17/2014	2068	N M-43	Highway	Carlton Twp	Yes	Leach Lake	801.4	SFHA	260877	14-05-4766A
4/17/2014	2072	N M-43	Highway	Carlton Twp	Yes	Leach Lake	800.6	SFHA	260877	14-05-5398A
5/27/2016	698	Bauer	Road	Carlton Twp	Yes	Leach Lake	800.9	SFHA	260877	16-05-4104A
5/31/2016	3108	Middle Lake	Drive	Carlton Twp	Yes	Middle Lake	802.0	SFHA	260877	16-05-4962A
9/29/2016	3282	Middle Lake	Drive	Carlton Twp	Yes	Middle Lake	802.0	SFHA	260877	16-05-7589A
1/23/2017	2150	Leach Lake	Lane	Carlton Twp	Yes	Leach Lake	800.7	SFHA	260877	17-05-1669A
8/28/2017	44	Culbert	Drive	Carlton Twp	Yes	Middle Lake	803.8	SFHA	260877	17-05-6363A
10/11/2017	65	Island	Court	Carlton Twp	Yes	Middle Lake	802.0	SFHA	260877	18-05-0133A
11/15/2017	2094	Leach Lake	Road	Carlton Twp	Yes	Leach Lake	800.7	SFHA	260877	18-05-0871A
1/8/2018	40	Culbert	Drive	Carlton Twp	Yes	Middle Lake	803.0	SFHA	260877	18-05-1254A
7/5/2019	520	Gaskill	Road	Carlton Twp	Yes	Middle Lake	803.4	SFHA	260877	19-05-3613A
10/10/2019	603	Gaskill	Road	Carlton Twp	Yes	Middle Lake	806.1	SFHA	260877	19-05-5183A
5/14/2020	3100	Middle Lake	Drive	Carlton Twp	Yes	Middle Lake	802.7	SFHA	260877	20-05-2677A
11/17/2020	516	Gaskill	Road	Carlton Twp	Yes	Middle Lake	803.2	SFHA	260877	21-05-0178A
10/8/2009	12724	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-5284A
8/28/2009	4185	England	Drive	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	09-05-5721A
10/20/2009	4275	Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-5798A
10/20/2009	4277	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-5860A
9/17/2009	11727	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-5950A
10/29/2009	4205	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6032A
10/19/2009	4324	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	09-05-6214A
11/18/2009	4207	E Joy	Road	Orangeville Twp	Yes	Gun Lake	746.0	SFHA	260879	09-05-6227A
11/5/2009	12712	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6237A
12/18/2009	12722	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6270A
10/23/2009	4300	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6273A
11/25/2009	4307	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6297A
10/23/2009	12579	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6317A
10/23/2009	12575	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6320A
10/15/2009	4315	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6354A
11/3/2009	4290	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6363A
11/24/2009	4338	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6442A
11/16/2009	4141	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	09-05-6479A
2/2/2010	10816	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0181A
12/9/2009	4336	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0384A
11/23/2009	4324	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.9	SFHA	260879	10-05-0385A
11/3/2009	4391	Lynden	Road	Orangeville Twp	Yes	Gun Lake	746.1	SFHA	260879	10-05-0587A
12/18/2009	10818	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0606A
11/24/2009	12715	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0651A

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1/19/2010	3934	Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0839A
12/3/2009	4218	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0938A
1/12/2010	4289	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-0975A
2/9/2010	12900	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1497A
2/2/2010	12989	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1512A
2/9/2010	12606	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1605A
2/16/2010	4180	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1612A
2/19/2010	12669	W Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1709A
2/18/2010	4186	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1732A
3/3/2010	11717	Chateau	Court	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-1990A
3/11/2010	4407	Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2089A
3/4/2010	4364	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2093A
3/9/2010	5011	Patterson	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2236A
3/16/2010	4386	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2433A
5/6/2010	4363	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2757A
4/13/2010	10808	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-2994A
4/13/2010	11937	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-3053A
4/15/2010	11681	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-3097A
5/4/2010	12564	Blue Lagoon	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-3163A
6/15/2010	4125	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-3800A
6/10/2010	12734	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-4402A
6/15/2010	12729	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	10-05-5006A
7/25/2010	12741	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5050A
8/19/2010	4307	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5459A
7/9/2010	4221	Lynden	Road	Orangeville Twp	Yes	Gun Lake	746.2	SFHA	260879	10-05-5486A
7/9/2010	4382	Lynden	Road	Orangeville Twp	Yes	Gun Lake	746.5	SFHA	260879	10-05-5490A
7/9/2010	4282	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5491A
7/9/2010	4274	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	10-05-5494A
8/10/2010	4267	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5627A
7/15/2010	10766	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	752.4	SFHA	260879	10-05-5664A
9/2/2010	4311	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-5853A
9/30/2010	12735	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6290A
9/30/2010	12703	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6293A
9/30/2010	4285	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6294A
10/7/2010	4098	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6383A
10/5/2010	12914	Marsh	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6488A
10/7/2010	4139	1/2 W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6516A
10/21/2010	4327	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-6873A
8/25/2010	12622	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	746.2	SFHA	260879	10-05-6940A
10/12/2010	4346	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-7071A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
10/12/2010	4319	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-7158A
11/9/2010	12332	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	10-05-7421A
1/4/2011	4281	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-1159A
11/15/2010	12583	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	11-05-1293A
1/11/2011	4357	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-1351A
1/13/2011	11408	Oak	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-1743A
2/15/2011	4331	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-2340A
2/1/2011	12593	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	11-05-3234A
3/29/2011	4260	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-3731A
3/25/2011	4396	Trails End	Road	Orangeville Twp	Yes	Gun Lake	746.9	SFHA	260879	11-05-4541A
7/28/2011	4273	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-6562A
8/23/2011	11026	Anchor Cove	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-7064A
9/8/2011	12759	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-7325A
9/15/2011	4281	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	11-05-8534A
9/29/2011	11795	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	11-05-9204A
11/14/2011	Lot 73	Lynden		Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	12-05-1019A
11/15/2011	4106	E Joy	Road	Orangeville Twp	Yes	Gun Lake	744.9	SFHA	260879	12-05-1021A
12/2/2011	12651	Blue Lagoon		Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	12-05-1502A
12/6/2011	3769	England	Drive	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	12-05-1580A
2/7/2012	8629	Cory	Drive	Orangeville Twp	Yes	Crystal Creek	825.6	SFHA	260879	12-05-1651A
1/26/2012	4144	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-1959A
3/13/2012	4320	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-3063A
4/26/2012	3681	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-5026A
8/2/2012	10806	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-5899A
6/12/2012	11961	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-5908A
6/21/2012	11761	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	12-05-6531A
7/6/2012	4205	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-6927A
6/13/2012	5111	Winding	Lane	Orangeville Twp	Yes	Gun Lake	746.7	SFHA	260879	12-05-6935A
8/14/2012	4023	Grandview	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-7367A
7/18/2012	4236	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	12-05-7968A
7/30/2012	12645	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	746.0	SFHA	260879	12-05-8269A
8/28/2012	12605	E Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-8545A
8/20/2012	12587	E Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	12-05-8914A
9/20/2012	12563	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-9252A
9/25/2012	12744	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	12-05-9383A
11/26/2012	4250	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-0713A
11/15/2012	11426	Oak	Drive	Orangeville Twp	Yes	Gun Lake	758.5	SFHA	260879	13-05-1200A
1/2/2013	3757	England	Drive	Orangeville Twp	Yes	Gun Lake	748.3	SFHA	260879	13-05-2278A
2/7/2013	4252	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-2696A
2/8/2013	4222	Joy	Road	Orangeville Twp	Yes	Gun Lake	746.0	SFHA	260879	13-05-3248A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
3/6/2013	3781	England	Drive	Orangeville Twp	Yes	Gun Lake	748.5	SFHA	260879	13-05-3757A
3/28/2013	12689	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-4304A
4/8/2013	4385	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	13-05-4818A
6/13/2013	11160	Anchor Cove	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-5178A
5/6/2013	11773	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.1	SFHA	260879	13-05-5349A
6/18/2013	11773	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.8	SFHA	260879	13-05-6088A
7/22/2013	4168	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	13-05-7070A
8/15/2013	12709	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-7503A
10/10/2013	11968	Parkway	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	13-05-8665A
10/31/2013	4150	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-0713A
11/14/2013	12695	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-0955A
1/9/2014	12710	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-1610A
1/30/2014	10816	Hermitage Pointe	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-2462A
2/20/2014	4341	Pickerel Cove	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-3383A
2/27/2014	4371	Pickerel Cove	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-3900A
4/29/2014	4246	Trails End	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-055578A
5/16/2014	4226	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	14-05-6276A
6/3/2014	12571	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	14-05-6457A
7/3/2014	11881	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-7293A
7/1/2014	4134	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-7421A
8/21/2014	4235	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-7451A
7/31/2014	12627	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	14-05-7982A
8/26/2014	12560	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	747.9	SFHA	260879	14-05-8332A
9/9/2014	12650	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	747.3	SFHA	260879	14-05-8589A
9/25/2014	11925	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.3	SFHA	260879	14-05-8974A
9/9/2014	4271	Pickerel Cove	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	14-05-9056A
10/20/2014	3775	England	Drive	Orangeville Twp	Yes	Gun Lake	749.4	SFHA	260879	15-05-0437A
11/18/2014	11925	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.3	SFHA	260879	15-05-0740A
12/23/2014	12584	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	15-05-0830A
4/10/2015	11977	Marsh	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	15-05-2991A
4/14/2015	4176	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	15-05-3424A
5/12/2015	12747	W Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	746.5	SFHA	260879	15-05-4418A
5/12/2015	4330	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	05-05-4631A
6/24/2015	12670	W Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	15-05-5019A
7/28/2015	11665	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.3	SFHA	260879	15-05-5471A
8/19/2015	3687	England	Drive	Orangeville Twp	Yes	Gun Lake	746.4	SFHA	260879	15-05-6331A
9/29/2015	11757	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.0	SFHA	260879	15-05-6651A
8/27/2015	4392	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	15-05-7155A
8/24/2015	11875	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.2	SFHA	260879	15-05-7177A
11/27/2015	11985	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.8	SFHA	260879	16-05-0106A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
11/9/2015	4308	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	16-05-0109A
5/18/2016	4314	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	16-05-4019A
7/18/2016	12720	Marsh	Road	Orangeville Twp	Yes	Gun River	745.6	SFHA	260879	16-05-5216A
7/5/2016	4866	Androunie	Lane	Orangeville Twp	Yes	Gun Lake	752.3	SFHA	260879	16-05-5699A
12/5/2016	12560	Wildwood	Road	Orangeville Twp	Yes	Gun Lake	747.9	SFHA	260879	17-05-0020A
12/2/2016	4236	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	17-05-0845A
2/14/2017	12683	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.9	SFHA	260879	17-05-2501A
4/11/2017	4662	Torsten	Drive	Orangeville Twp	Yes	Gun Lake	748.0	SFHA	260879	17-05-3325A
4/11/2017	11885	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.4	SFHA	260879	17-05-3326A
4/28/2017	11885	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.9	SFHA	260879	17-05-3328A
6/14/2017	11438	White Oak	Drive	Orangeville Twp	Yes	Gun Lake	753.3	SFHA	260879	17-05-4426A
6/26/2017	12567	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	17-05-4629A
6/13/2017	12632	W Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	17-05-4914A
6/30/2017	4356	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	17-05-5215A
9/14/2017	12764	E Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	17-05-6687A
11/14/2017	4145	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.9	SFHA	260879	18-05-0139A
10/10/2017	12601	E Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	18-05-0166A
12/1/2017	11937	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.4	SFHA	260879	18-05-1171X
12/20/2017	4149	E Joy	Road	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	18-05-1520A
4/24/2018	4329	Lynden	Road	Orangeville Twp	Yes	Gun Lake	745.8	SFHA	260879	18-05-3520A
11/7/2018	4210	Trails End	Road	Orangeville Twp	Yes	Gun Lake	747.5	SFHA	260879	18-05-5580A
11/9/2018	4048	Parkway	Drive	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	18-05-6054A
9/10/2018	11785	Marsh	Road	Orangeville Twp	Yes	Gun Lake	747.0	SFHA	260879	18-05-6081A
11/14/2018	4200	Trails End	Road	Orangeville Twp	Yes	Gun Lake	746.6	SFHA	260879	19-05-0796A
12/27/2018	4275	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	19-05-0856A
5/3/2019	12726	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.3	SFHA	260879	19-05-2555A
7/29/2019	4330	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	19-05-4237A
8/19/2019	4181	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	19-05-4542A
10/8/2019	11751	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.7	SFHA	260879	20-05-0128A
3/16/2020	12613	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	20-05-2305A
5/1/2020	11729	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.7	SFHA	260879	20-05-2745A
6/1/2020	11745	Marsh	Road	Orangeville Twp	Yes	Gun Lake	746.2	SFHA	260879	20-05-2907A
9/15/2020	4262	W Joy	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	20-05-4676A
10/15/2020	12747	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	747.3	SFHA	260879	20-05-4701A
2/16/2020	11711	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.0	SFHA	260879	20-05-4881A
11/30/2020	11725	Marsh	Road	Orangeville Twp	Yes	Gun Lake	748.3	SFHA	260879	21-05-0291A
12/30/2020	3781	England	Drive	Orangeville Twp	Yes	Gun Lake	748.9	SFHA	260879	21-05-0674A
12/10/2020	4118	E Joy	Road	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	21-05-0759A
1/15/2021	12988	Marsh	Road	Orangeville Twp	Yes	Gun Lake		SFHA	260879	21-05-0950A
2/26/2021	4270	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	21-05-1547A

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2/11/2021	4321	Harmony	Drive	Orangeville Twp	Yes	Gun Lake	745.7	SFHA	260879	21-05-1638A
3/25/2021	4850	Adrounie	Lane	Orangeville Twp	Yes	Gun Lake	753.1	SFHA	260879	21-05-1665A
2/9/2021	12639	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260879	21-05-1713A
3/5/2021	4419	England	Drive	Orangeville Twp	Yes	Gun Lake	746.3	SFHA	260879	21-05-1749A
4/23/2021	4202	Trails End	Road	Orangeville Twp	Yes	Gun Lake	746.2	SFHA	260879	21-05-2332A
4/29/2019	15471	S M-43	Highway	Prairieville Twp	Yes	Gull Lake	883.1	SFHA	260880	19-05-2935A
9/15/2009	621	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	09-05-5669A
11/12/2009	300	Marie	Drive	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	09-05-6116A
2/23/2010	642	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	10-05-1874A
4/13/2010	636	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	10-05-2750A
6/16/2011	638	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	11-05-5995A
9/27/2011	9677	E Barnum	Road	Woodland Twp	Yes	Mud Creek	814.4	SFHA	260881	11-05-7746A
7/11/2013	628	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	13-05-6312A
4/24/2014	856	Beech	Street	Woodland Twp	Yes	Jordan Lake	814.8	SFHA	260881	14-05-5358A
5/18/2017	608	Eagle Point		Woodland Twp	Yes	Jordan Lake	814.8	SFHA	260881	17-05-2418A
8/29/2017	622	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	814.8	SFHA	260881	17-05-6478A
11/14/2018	849	Beech	Street	Woodland Twp	Yes	Jordan Lake	814.4	SFHA	260881	19-05-0193A
5/30/2019	9341	Davenport	Road	Woodland Twp	Yes	Mud Creek	822.4	SFHA	260881	19-05-3112A
10/28/2019	635	Eagle Point	Road	Woodland Twp	Yes	Jordan Lake	816.4	SFHA	260881	19-05-5382A
10/13/2009	12815	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-4876A
10/1/2009	12887	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-4879A
10/1/2009	12550	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-4880A
9/29/2009	12666	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-4903A
7/29/2009	2777	Russell	Drive	Yankee Springs Twp	Yes	Gun Lake	-746.3	SFHA	260883	09-05-4968A
9/29/2009	12751	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5150A
10/8/2009	12759	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5174A
8/10/2009	12739	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	-749.5	SFHA	260883	09-05-5191A
10/15/2009	2268	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5197A
10/13/2009	12170	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5220A
10/8/2009	12750	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5246A
11/17/2009	12742	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5253A
8/14/2009	12725	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	-748.1	SFHA	260883	09-05-5276A
8/14/2009	12855	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	-748.7	SFHA	260883	09-05-5288A
9/17/2009	12880	Hazel	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5309A
10/9/2009	12758	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5391A
8/14/2009	12567	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	-747.9	SFHA	260883	09-05-5405A
9/29/2009	12715	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5428A
9/29/2009	12855	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5429A
9/29/2009	12839	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5431A
8/14/2009	12755	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	-748.2	SFHA	260883	09-05-5432A

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8/12/2009	10946	Shade	Lane	Yankee Springs Twp	Yes	Gun Lake	-746.0	SFHA	260883	09-05-5433A
9/15/2009	12750	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5445A
9/22/2009	2088	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	745.0	SFHA	260883	09-05-5452A
10/8/2009	2079	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5458A
8/14/2009	2137	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	-746.1	SFHA	260883	09-05-5467A
8/20/2009	12875	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5489A
8/20/2009	12805	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5490A
8/14/2009	3805	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5501A
9/29/2009	12712	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5508A
8/14/2009	3088	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5518A
8/14/2009	3518	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.8	SFHA	260883	09-05-5542A
8/17/2009	3131	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5547A
8/18/2009	3132	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5569A
8/18/2009	3126	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5580A
8/18/2009	3162	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	748.1	SFHA	260883	09-05-5582A
8/18/2009	3630	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5583A
8/19/2009	3115	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	09-05-5584A
8/19/2009	3125	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.4	SFHA	260883	09-05-5585A
8/24/2009	3556	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5588A
8/25/2009	3482	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-55898A
8/25/2009	3446	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	09-05-5605A
8/25/2009	3122	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.6	SFHA	260883	09-05-5606A
8/26/2009	3432	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	09-05-5615A
8/27/2009	3610	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5616A
8/19/2009	1933	Parker	Road	Yankee Springs Twp	Yes	Gun Lake	747.0	SFHA	260883	09-05-5628A
9/3/2009	3169	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5631A
10/13/2009	12776	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5635A
10/13/2009	2019	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	09-05-5642A
8/27/2009	12692	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	09-05-5661A
10/23/2009	3265	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	09-05-5662A
9/3/2009	3534	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5663A
9/10/2009	12634	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5664A
9/9/2009	12615	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	747.4	SFHA	260883	09-05-5666A
9/10/2009	12635	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5673A
9/10/2009	12625	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	748.0	SFHA	260883	09-05-5677A
9/10/2009	12525	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5678A
9/10/2009	12517	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	09-05-5684A
9/16/2009	3889	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.9	SFHA	260883	09-05-5688A
9/16/2009	3578	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5689A
9/21/2009	3592	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5690A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
9/25/2009	3624	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.8	SFHA	260883	09-05-5692A
9/28/2009	3092	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	09-05-5694A
10/1/2009	3185	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5696A
9/29/2009	3138	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.5	SFHA	260883	09-05-5698A
9/29/2009	3196	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	09-05-5699A
10/7/2009	3095	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	09-05-5700A
10/9/2009	3214	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-5708A
10/13/2009	3454	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.5	SFHA	260883	09-05-5715A
10/6/2009	3440	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	09-05-5717A
10/13/2009	3510	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.9	SFHA	260883	09-05-5718A
9/9/2009	3168	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.9	SFHA	260883	09-05-5719A
9/16/2009	3458	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	09-05-5720A
10/8/2009	2258	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	747.0	SFHA	260883	09-05-5742A
8/24/2009	3520	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5746A
9/15/2009	12855	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5772A
9/15/2009	3057	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5774A
10/13/2009	3648	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	09-05-5758A
8/28/2009	10798	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5796A
10/6/2009	10780	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5802A
10/19/2009	10784	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	745.8	SFHA	260883	09-05-5803A
10/13/2009	10800	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-5804A
10/20/2009	3835	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-5808A
10/20/2009	3877	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.1	SFHA	260883	09-05-5809A
10/22/2009	3859	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	09-05-5810A
9/22/2009	3222	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.2	SFHA	260883	09-05-5813A
10/22/2009	3883	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.8	SFHA	260883	09-05-5815A
10/27/2009	3362	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.9	SFHA	260883	09-05-5845A
10/29/2009	10844	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	747.9	SFHA	260883	09-05-5846A
10/29/2009	10848	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.9	SFHA	260883	09-05-5848A
11/3/2009	10876	Shady	Lane	Thornapple Twp	Yes	Gun Lake	745.7	SFHA	260883	09-05-5852A
10/1/2009	12783	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	749.4	SFHA	260883	09-05-5854A
9/3/2009	10976	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	09-05-5866A
9/1/2009	2014	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	748.0	SFHA	260883	09-05-5899A
10/27/2009	2262	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5944A
10/8/2009	3131	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5948A
10/23/2009	2236	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5959A
10/27/2009	2242	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5960A
9/17/2009	2240	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5961A
10/6/2009	2146	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5963A
9/17/2009	2194	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5979A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
10/6/2009	1876	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5978A
9/17/2009	1924	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5983A
10/8/2009	2120	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-5989A
10/29/2009	2253	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6045A
10/6/2009	1815	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6050A
11/5/2009	2176	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6056A
10/6/2009	2230	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6058A
10/20/2009	12773	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6074A
10/6/2009	2234	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6091A
11/3/2009	12709	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6143A
9/28/2009	10715	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	754.2	SFHA	260883	09-05-6175A
11/5/2009	2186	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6176A
11/3/2009	3392	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	09-05-6181A
10/29/2009	12529	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	09-05-6184A
11/9/2009	3244	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	748.7	SFHA	260883	09-05-6185A
10/23/2009	11277	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6190A
11/16/2009	3566	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6216A
11/18/2009	3238	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	748.4	SFHA	260883	09-05-6219A
10/29/2009	3450	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	09-05-6220A
10/8/2009	12767	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6232A
9/23/2009	2264	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	747.0	SFHA	260883	09-05-6234A
10/20/2009	2246	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6267A
11/12/2009	1894	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6289A
10/23/2009	2278	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6290A
11/5/2009	12759	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6291A
11/12/2009	12780	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6304A
11/3/2009	12774	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6305A
10/13/2009	12651	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6308A
10/23/2009	12704	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6313A
11/27/2009	1864	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6321A
11/10/2009	12716	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6322A
11/10/2009	12675	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6323A
11/10/2009	10771	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6325A
11/10/2009	12725	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6333A
10/27/2009	12698	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6341A
11/3/2009	2210	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6347A
10/13/2009	3266	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6359A
10/23/2009	3853	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6361A
10/27/2009	3865	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6362A
11/3/2009	3847	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6364A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
10/27/2009	2075	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6379A
1/26/2010	11399	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6393A
11/19/2009	3979	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.9	SFHA	260883	09-05-6430A
11/17/2009	2008	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6455A
11/17/2009	10777	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6477A
11/12/2009	2723	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	09-05-6488A
11/24/2009	2201	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0003A
11/19/2009	2227	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0005A
11/12/2009	1970	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0007A
11/19/2009	12831	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0008A
11/3/2009	3443	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	10-05-0091A
11/19/2009	12627	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0095A
11/24/2009	2215	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0102A
11/24/2009	12807	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	748.5	SFHA	260883	10-05-0121A
11/19/2009	2045	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0123A
11/24/2009	2234	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0133A
11/19/2009	2187	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0135A
12/8/2009	2235	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0152A
11/25/2009	2165	Mac	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0153A
11/24/2009	2693	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0169A
11/25/2009	12727	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0188A
11/17/2009	2270	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0193A
12/3/2009	11317	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0252A
12/3/2009	11347	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0253A
12/1/2009	12760	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0290A
12/18/2009	11421	Lighthouse	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0312A
10/20/2009	3600	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.2	SFHA	260883	10-05-0368A
11/23/2009	10810	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	10-05-0371A
11/24/2009	12676	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0420A
1/12/2010	2266	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0426A
1/8/2010	2338	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0444A
12/23/2009	12780	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0455A
1/19/2010	1944	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0469A
10/29/2009	3179	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	10-05-0555A
12/31/2009	12771	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0571A
12/9/2009	3388	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.5	SFHA	260883	10-05-0588A
11/10/2009	2018	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	751.2	SFHA	260883	10-05-0589A
1/26/2010	2771	Russell	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0600A
12/22/2009	12598	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0668A
12/18/2009	12591	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0686A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
12/23/2009	12856	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0702A
12/31/2009	2673	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0712A
12/29/2009	12575	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	747.6	SFHA	260883	10-05-0726A
12/28/2009	2324	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0746A
1/28/2010	2294	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0753A
1/5/2010	3137	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0759A
12/4/2009	1877	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0796A
12/22/2009	12726	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0798A
1/26/2010	12947	Johnson	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0885A
1/12/2010	12574	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0976A
1/12/2010	12703	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-0979A
1/26/2010	3050	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1003A
1/12/2010	12646	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1035A
1/12/2010	12765	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1039A
1/14/2010	12586	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1051A
1/21/2010	12482	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1179A
1/28/2010	12553	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1305A
3/9/2010	2286	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1307A
4/1/2010	2008	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1468A
2/12/2010	2212	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1553A
2/12/2010	12719	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1566A
2/12/2010	2248	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1595A
2/2/2010	1899	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1599A
2/16/2010	3330	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-1617A
3/4/2010	12702	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2017A
3/4/2010	12910	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2282A
3/16/2010	12610	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2302A
3/16/2010	3301	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2368A
3/30/2010	3050	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2508A
3/30/2010	1906	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-2804A
4/20/2010	2157	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-3270A
6/8/2010	3217	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-3473A
3/31/2010	3555	Lisa	Lane	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	10-05-3498A
3/31/2010	3017	S Patterson	Road	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	10-05-3501A
4/20/2010	1987	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-3543A
5/11/2010	4135	England	Drive	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-3966A
6/3/2010	3099	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4086A
5/25/2010	2190	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4179A
6/1/2010	11444	Lighthouse	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4275A
5/19/2010	12491	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	748.2	SFHA	260883	10-05-4306A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
6/8/2010	2374	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4545A
6/10/2010	12925	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-4617A
7/15/2010	2228	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-5064A
8/24/2010	10637	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-5411A
7/27/2010	2160	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-5495A
7/12/2010	1771	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	750.3	SFHA	260883	10-05-5548A
9/9/2010	11437	Lighthouse	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6108A
9/30/2010	12513	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6292A
8/26/2010	12575	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6492A
9/30/2010	1951	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6561A
9/16/2010	1965	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6634A
10/19/2010	12940	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-6782A
10/26/2010	12686	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-7026A
10/14/2010	2364	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-7366A
11/12/2010	3143	Sand Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	10-05-7658A
9/28/2010	11888	Winward	Lane	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	10-05-7850A
10/7/2010	1858	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	11-05-0206A
12/2/2010	12735	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-0399A
11/3/2010	12762	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	749.3	SFHA	260883	11-05-0709A
12/7/2010	3121	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-0795A
10/30/2010	11331	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-1157A
1/11/2011	11393	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-1349A
2/8/2011	12932	Hazel	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-2108A
2/17/2011	2107	S Patterson	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-2379A
3/2/2011	3089	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-2933A
3/17/2011	2517	Briggs	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-3289A
6/23/2011	12768	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-4779A
5/19/2011	12748	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-5420A
6/2/2011	3104	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-5996A
6/30/2011	3096	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-6053A
6/30/2011	2069	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-6057A
6/7/2011	10769	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-6119A
6/10/2011	12814	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	750.1	SFHA	260883	11-05-6314A
7/26/2011	12959	Valley	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-7179A
9/15/2011	2889	S Patterson	Road	Yankee Springs Twp	Yes	Gun Lake	746.9	SFHA	260883	11-05-7864A
9/20/2011	12804	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	750.5	SFHA	260883	11-05-8124A
9/15/2011	12792	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-8213A
10/20/2011	11255	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-8461A
10/13/2011	10888	Shady	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-8550A
11/7/2011	2027	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	11-05-9020A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
10/13/2011	2021	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	748.7	SFHA	260883	11-05-9185A
10/7/2011	1847	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	747.4	SFHA	260883	12-05-0116A
10/25/2011	12795	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-0191A
12/13/2011	10715	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-0483A
11/22/2011	2200	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-0822A
12/22/2011	12867	Sunrise	Court	Yankee Springs Twp	Portion	Gun Lake	745.6	SFHA	260883	12-05-0845A
12/1/2011	2085	Island	Drive	Yankee Springs Twp	Yes	Gun Lake	749.8	SFHA	260883	12-05-1125A
12/13/2011	11283	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-1295A
2/7/2012	3190	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-2530A
3/20/2012	1883	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	12-05-3232A
3/22/2012	11486	Lighthouse	Court	Yankee Springs Twp	Yes	Gun Lake	747.8	SFHA	260883	12-05-4208A
4/24/2012	2689	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	746.7	SFHA	260883	12-05-5149A
5/24/2012	3041	Patterson	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-5478A
8/14/2012	10787	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-5970A
6/12/2012	12711	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	748.8	SFHA	260883	12-05-6465A
7/3/2012	12700	Theris	Drive	Yankee Springs Twp	Yes	Gun Lake	749.7	SFHA	260883	12-05-6900A
8/14/2012	12715	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	749.1	SFHA	260883	12-05-8200A
7/26/2012	2731	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	12-05-8239A
8/2/2012	3424	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	12-05-8491A
8/6/2012	11299	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-8561A
8/30/2012	12618	Blue Lagoon	Road	Orangeville Twp	Yes	Gun Lake	745.6	SFHA	260883	12-05-8768A
8/20/2012	10983	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	747.3	SFHA	260883	12-05-8961A
9/18/2012	12743	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	747.6	SFHA	260883	12-05-9296A
11/27/2012	3261	Sandy Beach	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-1057A
12/18/2012	2255	Parker	Road	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	13-05-1907A
2/5/2013	1970	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-2740A
3/14/2013	3216	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-3660A
4/10/2013	12970	Hazel	Drive	Yankee Springs Twp	Yes	Gun Lake	746.8	SFHA	260883	13-05-4861A
8/1/2013	12787	Theris	Drive	Yankee Springs Twp	Portion	Gun Lake	745.6	SFHA	260883	13-05-5228A
5/16/2013	12711	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	13-05-5284A
6/20/2012	12830	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-5489A
9/19/2013	12841	Valley	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-7310A
8/8/2013	3407	Sandy Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.6	SFHA	260883	13-05-7462A
9/19/2013	3325	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-8051A
10/4/2013	12815	Sunrise	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-8178A
11/21/2013	1855	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	13-05-8535A
11/7/2013	3823	England	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-0646A
11/29/2013	3495	Lisa	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-1503A
12/31/2013	2675	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake		SFHA	260883	14-05-2246A
1/21/2014	11810	English	Court	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-2461A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
1/16/2014	11369	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-2528A
1/30/2014	2190	Vista Point	Drive	Yankee Springs Twp	Yes	Gun Lake		SFHA	260883	14-05-2544A
2/25/2014	10877	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-3642A
5/15/2014	3090	Beatrice	Avenue	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-5304A
6/3/2014	2166	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-5997A
7/1/2014	2061	S Patterson	Road	Yankee Springs Twp	Yes	Gun Lake		SFHA	260883	14-05-6760A
8/15/2014	3285	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	14-05-8559A
9/30/2014	12514	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-9010A
11/4/2014	12971	Johnson	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	14-05-9345A
12/16/2014	12501	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-0934A
12/23/2014	3099	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-1456A
1/13/2015	2030	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-1681A
1/13/2015	2018	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-1682A
1/20/2015	3787	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.9	SFHA	260883	15-05-1748A
4/9/2015	12926	Hazel	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	15-05-3340A
12/4/2015	3534	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	16-05-0710A
12/16/2015	3481	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	16-05-0720A
11/13/2015	3648	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	16-05-0906A
4/27/2016	1883	Edwin	Drive	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	16-05-3442A
6/29/2016	11347	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	16-05-4755A
6/29/2016	12508	Park	Drive	Yankee Springs Twp	Yes	Gun Lake	747.7	SFHA	260883	16-05-4832A
11/15/2016	1905	Archwood	Drive	Yankee Springs Twp	Yes	Gun Lake	747.6	SFHA	260883	16-05-7087A
10/7/2016	11383	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	746.4	SFHA	260883	16-05-7145A
1/12/2017	3578	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	17-05-0670A
12/21/2016	3805	England	Drive	Yankee Springs Twp	Yes	Gun Lake	746.0	SFHA	260883	17-05-1029A
1/13/2017	3542	Elmwood Beach	Road	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	17-05-2028A
5/26/2017	11317	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	17-05-4217A
5/31/2017	10769	Gun Lake	Road	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	17-05-4598A
6/26/2017	2138	Parker	Drive	Yankee Springs Twp	Yes	Gun Lake	746.9	SFHA	260883	17-05-4685A
7/6/2017	11255	Oakleigh	Street	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	17-05-4723A
3/21/2018	11299	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	745.7	SFHA	260883	18-05-1676A
2/7/2018	12896	Bayou	Court	Yankee Springs Twp	Yes	Gun Lake	749.6	SFHA	260883	18-05-1840A
7/30/2018	1479	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	740.2	SFHA	260883	18-05-3778A
7/17/2018	12753	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	745.6	SFHA	260883	18-05-4474A
8/27/2018	1453	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	742.1	SFHA	260883	18-05-5497A
9/7/2018	3057	Sandy Beach	Street	Yankee Springs Twp	Yes	Gun Lake	746.5	SFHA	260883	18-05-5499A
9/17/2018	12517	Westwood	Lane	Yankee Springs Twp	Yes	Gun Lake	747.1	SFHA	260883	18-05-5629A
11/7/2018	1313	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	744.5	SFHA	260883	19-05-0114A
11/30/2018	1151	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	755.2	SFHA	260883	19-05-0330A
12/31/2018	1365	Springview	Court	Yankee Springs Twp	Yes	Glass Creek	746.7	SFHA	260883	19-05-1050A

Date	Address #	Street	Addty	City	Structure Removed	Flooding Source	1% Annual Chance Flood Elevation (feet)		Community No.	Case No.
1/17/2019	713	Edgecreek	Drive	Yankee Springs Twp	Yes	Unnamed source		SFHA	260883	19-05-1257A
12/18/2020	2818	Russell	Drive	Yankee Springs Twp	Yes	Gun Lake	745.9	SFHA	260883	21-05-0760A
1/26/2021	11259	Oakleigh	Drive	Yankee Springs Twp	Yes	Gun Lake	746.3	SFHA	260883	21-05-1049A
9/10/2013	304	S Main	Street	Thornapple Twp	Yes	Thornapple River	814.0	SFHA	260902	13-05-7970A
7/3/2014	523	Queen	Street	Nashville Village	Yes	Thornapple River	812.9	SFHA	260902	14-05-7265A
10/21/2015	230	S Main	Street	Nashville Village	Yes	Thornapple River	817.1	SFHA	260902	15-05-7702A
7/18/2016	732	Sherman	Street	Nashville Village	Yes	Quaker Brook	815.0	SFHA	260902	16-05-4810A
10/14/2016	732	Kellogg	Street	Nashville Village	Yes	Thornapple River	818.4	SFHA	260902	16-05-7362A
3/20/2018	501	N Main	Street	Thornapple Twp	Yes	Thornapple River	814.6	SFHA	260902	18-05-3132A

APPENDIX E

HAZARDOUS MATERIALS TRAFFIC

Hazardous materials carloads represent about 5 percent of total CSX carloads in Michigan.

*Data represents movements between **January 1 and December 31, 2015***

Class 1 - Explosives	<1%
Class 2 - Gases	38%
Class 3 - Flammable Liquids	21%
Class 4 - Other Flammable Substances	1%
Class 5 - Oxidizing Substances & Organic Peroxides	<1%
Class 6 - Toxic (Poisonous) & Infectious Substances	2%
Class 7 - Radioactive Material	<1%
Class 8 - Corrosives	17%
Class 9 - Miscellaneous Hazardous Materials	20%
Total	100%

https://www.csx.com/index.cfm/about-us/safety/hazardous-materials1/michigan/

FIRST RESPONDERS can download AskRail Mobile App launched in 2014 to connect with immediate access to accurate, timely data about what type of hazardous materials a railcar is carrying to make an informed decision about how to respond to a rail emergency.

CSX TRANSPORTATION
HAZARDOUS MATERIAL TRAFFIC (CARLOADS)
HAZMATS THROUGH BARRY COUNTY, MI
01/01/01 THRU 12/31/01

BY FREQUENCY

STCC CODE	SHIPPING NAME	HAZARD CLASS	ELMDALE GRAND LE
4907265	STYRENE MONOMER, INHIBITED	CLASS 3	577.0
4905421	PROPANE	CLASS 2.1	513.0
4905752	PETROLEUM GASES,LIQUEFIE LIQUEFIED PETROLEUM GAS	CLASS 2.1	349.0
4935240	SODIUM HYDROXIDE SOLUTIO	CLASS 8	263.0
4930247	PHOSPHORIC ACID	CLASS 8	187.0
4930228	HYDROCHLORIC ACID HYDROCHLORIC ACID SOLUTION	CLASS 8	170.0
4930040	SULFURIC ACID SULFURIC ACID	CLASS 8	154.0
4810560	WASTE FLAMMABLE LIQUIDS, N.O.S.	CLASS 3	94.0
4904210	AMMONIA, ANHYDROUS AMMONIA, ANHYDROUS, LIQUEFIED AMMONIA SOLUTIONS	CLASS 2.2	61.0
4960196	ENVIRONMENTALLY HAZARDOU SUBSTANCES, LIQUID, N.O.S.	CLASS 9	59.0
4908105	ACETONE	CLASS 3	58.0
4909230	METHANOL METHYL ALCOHOL	CLASS 3	57.0
4909152	DENATURED ALCOHOL	CLASS 3	48.0
4966109	OTHER REGULATED SUBSTANCES, LIQUID, N.O.S.	CLASS 9	32.0
4945770	SULFUR, MOLTEN SULFUR, MOLTEN	CLASS 9	30.0
4914256	PETROLEUM DISTILLATES, N.O.S. PETROLEUM PRODUCTS, N.O.S.	CLASS CL	23.0
4932329	FERROUS CHLORIDE,SOLUTIO	CLASS 8	21.0
4918723	SODIUM CHLORATE	CLASS 5.1	19.0

4920523	CHLORINE	CLASS 2.3	18.0
4960131	ENVIRONMENTALLY HAZARDOU	CLASS 9	18.0
4960131	SUBSTANCES, LIQUID,		
4960131	N.O.S.		
4915185	COMBUSTIBLE LIQUID,N.O.S	CLASS CL	17.0
4960133	ENVIRONMENTALLY HAZARDOU	CLASS 9	17.0
4960133	SUBSTANCES, SOLID,		
4960133	N.O.S.		
4909130	BUTANOLS	CLASS 3	16.0
4913230	COMBUSTIBLE LIQUID,N.O.S	CLASS CL	11.0
4912215	BUTYL ACRYLATES,	CLASS 3	8.0
4912215	INHIBITED		
4905791	PROPANE	CLASS 2.1	6.0
4809188	WASTE	CLASS 3	5.0
4809188	FLAMMABLE LIQUIDS,		
4809188	N.O.S.		
4909305	TOLUENE	CLASS 3	5.0
4909382	PETROLEUM DISTILLATES,	CLASS 3	5.0
4909382	N.O.S.		
4909382	PETROLEUM PRODUCTS,		
4909382	N.O.S.		
4830201	WASTE	CLASS 8	4.0
4830201	CORRROSIVE LIQUIDS,		
4830201	N.O.S.		
4835258	WASTE CORROSIVE LIQUID,	CLASS 8	4.0
4835258	BASIC, INORGANIC,		
4835258	N.O.S.		
4905417	PETROLEUM GASES,	CLASS 2.1	4.0
4905417	LIQUEFIED		
4905417	LIQUEFIED PETROLEUM		
4905417	GAS		
4909205	ISOPROPANOL	CLASS 3	4.0
4909205	ISOPROPYL ALCOHOL		
4909205	ISOPROPYL ALCOHOL		
4936655	CORROSIVE LIQUIDS, N.O.S	CLASS 8	4.0
4908225	METHYL FORMATE	CLASS 3	3.0
4908255	PENTANES	CLASS 3	3.0
4908255	ISOPENTANE		
4912079	CYCLOHEXANONE	CLASS 3	3.0
4914007	ALCOHOLS, N.O.S.	CLASS CL	3.0
4917404	PARAFORMALDEHYDE	CLASS 4.1	3.0
4921598	PHENOL, MOLTEN	CLASS 6.1	3.0
4905419		FLAMMABLE GAS	2.0

4905789 BUTANE 4905789 BUTANE MIXTURES	CLASS 2.1	2.0
4907219 DICYCLOPENTADIENE	CLASS 3	2.0
4907230 ISOPRENE, INHIBITED	CLASS 3	2.0
4909349 XYLENES	CLASS 3	2.0
4905414 METHYLAMINE, ANHYDROUS	CLASS 2.1	1.0
4909381 METHANOL 4909381 METHYL ALCOHOL	CLASS 3	1.0
4909383 PETROLEUM DISTILLATES, 4909383 N.O.S. 4909383 PETROLEUM PRODUCTS, 4909383 N.O.S.	CLASS 3	1.0
4912498 DIESEL FUEL	CLASS 3	1.0
4915209 COMBUSTIBLE LIQUID,N.O.S	CLASS CL	1.0
4918765 SODIUM CHLORATE, AQUEOUS 4918765 SOLUTION	CLASS 5.1	1.0
4920508 SULFUR DIOXIDE 4920508 SULFUR DIOXIDE, 4920508 LIQUEFIED	CLASS 2.3	1.0
4921496 DRUGS, SOLID, N.O.S.	POISON B	1.0
4930022 HYDROFLUORIC ACID 4930022 HYROFLOURIC ACID 4930022 SOLUTION	CLASS 8	1.0
4960149 ELEVATED TEMPERATURE 4960149 LIQUID, N.O.S.	CLASS 9	1.0
4963399 ENVIRONMENTALLY HAZARDOU 4963399 SUBSTANCES,SOLID,N.O.S.	CLASS 9	1.0
TOTAL		2,900.0

CSX TRANSPORTATION
HAZARDOUS MATERIAL TRAFFIC (CARLOADS)
HAZMATS THROUGH BARRY COUNTY, MI
01/01/01 THRU 12/31/01

BY HAZARD CLASS

STCC CODE	HAZARD CLASS	SHIPPING NAME	ELMDALE GRAND LE
4913230	CLASS CL	COMBUSTIBLE LIQUID,N.O.S	11.0
4914007	CLASS CL	ALCOHOLS, N.O.S.	3.0
4914256	CLASS CL	PETROLEUM DISTILLATES,	23.0
4914256		N.O.S.	
4914256		PETROLEUM PRODUCTS,	
4914256		N.O.S.	
4915185	CLASS CL	COMBUSTIBLE LIQUID,N.O.S	17.0
4915209	CLASS CL	COMBUSTIBLE LIQUID,N.O.S	1.0
4905414	CLASS 2.1	METHYLAMINE, ANHYDROUS	1.0
4905417	CLASS 2.1	PETROLEUM GASES,	4.0
4905417		LIQUEFIED	
4905417		LIQUEFIED PETROLEUM	
4905417		GAS	
4905421	CLASS 2.1	PROPANE	513.0
4905752	CLASS 2.1	PETROLEUM GASES,LIQUEFIE	349.0
4905752		LIQUEFIED PETROLEUM GAS	
4905789	CLASS 2.1	BUTANE	2.0
4905789		BUTANE MIXTURES	
4905791	CLASS 2.1	PROPANE	6.0
4904210	CLASS 2.2	AMMONIA, ANHYDROUS	61.0
4904210		AMMONIA, ANHYDROUS,	
4904210		LIQUEFIED	
4904210		AMMONIA SOLUTIONS	
4920508	CLASS 2.3	SULFUR DIOXIDE	1.0
4920508		SULFUR DIOXIDE,	
4920508		LIQUEFIED	
4920523	CLASS 2.3	CHLORINE	18.0
4809188	CLASS 3	WASTE	5.0
4809188		FLAMMABLE LIQUIDS,	
4809188		N.O.S.	
4810560	CLASS 3	WASTE	94.0
4810560		FLAMMABLE LIQUIDS,	
4810560		N.O.S.	
4907219	CLASS 3	DICYCLOPENTADIENE	2.0
4907230	CLASS 3	ISOPRENE, INHIBITED	2.0
4907265	CLASS 3	STYRENE MONOMER,	577.0

4907265	INHIBITED	
4908105 CLASS 3	ACETONE	58.0
4908225 CLASS 3	METHYL FORMATE	3.0
4908255 CLASS 3	PENTANES	3.0
4908255	ISOPENTANE	
4909130 CLASS 3	BUTANOLS	16.0
4909152 CLASS 3	DENATURED ALCOHOL	48.0
4909205 CLASS 3	ISOPROPANOL	4.0
4909205	ISOPROPYL ALCOHOL	
4909205	ISOPROPYL ALCOHOL	
4909230 CLASS 3	METHANOL	57.0
4909230	METHYL ALCOHOL	
4909305 CLASS 3	TOLUENE	5.0
4909349 CLASS 3	XYLENES	2.0
4909381 CLASS 3	METHANOL	1.0
4909381	METHYL ALCOHOL	
4909382 CLASS 3	PETROLEUM DISTILLATES,	5.0
4909382	N.O.S.	
4909382	PETROLEUM PRODUCTS,	
4909382	N.O.S.	
4909383 CLASS 3	PETROLEUM DISTILLATES,	1.0
4909383	N.O.S.	
4909383	PETROLEUM PRODUCTS,	
4909383	N.O.S.	
4912079 CLASS 3	CYCLOHEXANONE	3.0
4912215 CLASS 3	BUTYL ACRYLATES,	8.0
4912215	INHIBITED	
4912498 CLASS 3	DIESEL FUEL	1.0
4917404 CLASS 4.1	PARAFORMALDEHYDE	3.0
4918723 CLASS 5.1	SODIUM CHLORATE	19.0
4918765 CLASS 5.1	SODIUM CHLORATE, AQUEOUS	1.0
4918765	SOLUTION	
4921598 CLASS 6.1	PHENOL, MOLTEN	3.0
4830201 CLASS 8	WASTE	4.0
4830201	CORRROSIVE LIQUIDS,	
4830201	N.O.S.	
4835258 CLASS 8	WASTE CORROSIVE LIQUID,	4.0
4835258	BASIC, INORGANIC,	
4835258	N.O.S.	
4930022 CLASS 8	HYDROFLUORIC ACID	1.0
4930022	HYROFLOURIC ACID	
4930022	SOLUTION	
4930040 CLASS 8	SULFURIC ACID	154.0

4930040		SULFURIC ACID	
4930228	CLASS 8	HYDROCHLORIC ACID	170.0
4930228		HYDROCHLORIC ACID	
4930228		SOLUTION	
4930247	CLASS 8	PHOSPHORIC ACID	187.0
4932329	CLASS 8	FERROUS CHLORIDE,SOLUTIO	21.0
4935240	CLASS 8	SODIUM HYDROXIDE SOLUTIO	263.0
4936655	CLASS 8	CORROSIVE LIQUIDS, N.O.S	4.0
4945770	CLASS 9	SULFUR, MOLTEN	30.0
4945770		SULFUR, MOLTEN	
4960131	CLASS 9	ENVIRONMENTALLY HAZARDOU	18.0
4960131		SUBSTANCES, LIQUID,	
4960131		N.O.S.	
4960133	CLASS 9	ENVIRONMENTALLY HAZARDOU	17.0
4960133		SUBSTANCES, SOLID,	
4960133		N.O.S.	
4960149	CLASS 9	ELEVATED TEMPERATURE	1.0
4960149		LIQUID, N.O.S.	
4960196	CLASS 9	ENVIRONMENTALLY HAZARDOU	59.0
4960196		SUBSTANCES, LIQUID,	
4960196		N.O.S.	
4963399	CLASS 9	ENVIRONMENTALLY HAZARDOU	1.0
4963399		SUBSTANCES,SOLID,N.O.S.	
4966109	CLASS 9	OTHER REGULATED	32.0
4966109		SUBSTANCES,	
4966109		LIQUID, N.O.S.	
4905419	FLAMMABLE GAS		2.0
4921496	POISON B	DRUGS, SOLID, N.O.S.	1.0
TOTAL			2,900.0

APPENDIX F

FEMA FLOOD INSURANCE RATE MAPS DISK

APPENDIX G

PUBLIC HEARING NOTICE

AND

INVITATION LIST

Appendix G
Barry County Hazard Mitigation Plan Update
Public Hearing Notice for
August 18, 2021 Public Hearing

The County provided a regular public notice posting, which includes publication in the Hastings Banner of the Public Meeting that was held on August 18, 2021, in the Community Room of the County Building, Hastings, Michigan from 7:00 pm to 9:00 pm to explain the Barry County HMP Update.

A total of three (3) persons were present for the public meeting.

APPENDIX H

DOCUMENTATION

AND

ADOPTION

APPENDIX I

HEAT STRESS/ HEAT STROKE/ COLD STRESS INFORMATION

Heat Stress and Cold Stress Mitigation

Heat Stress occurs when the body cannot get rid of excess heat and the body's core temperature rises, and if not treated can progress to Heat Exhaustion, then worst-case Heat Stroke.

Heat Stress Symptoms:

- Thirst (first sign of dehydration)
- Profuse Sweating
- Irritability
- Confusion or Loss of Concentration
- Fatigue
- Nausea
- Muscle Cramps
- Loss of Appetite
- Heat Rash

Heat Exhaustion Symptoms:

- Dizziness
- Fainting
- Fatigue
- Headache
- Muscle or Abdominal Cramps
- Diarrhea
- Pale Skin
- Profuse Sweating

Heat Stroke is a condition caused by the body overheating due to prolonged exposure to physical exertion in high temperatures and can occur when body temperature reaches 104°F (40°C); classified as either "classic" or "extertional" (strenuous exertion) heat stroke, the latter is more common in workplace settings; usually hot and dry, but even hot and sweating can be an indication of heat stroke according to studies [Source: NIOSH, CDC].

Heat Stroke Symptoms (Emergency and Seek Immediate Medical Treatment):

- Confusion or Agitation

- Slurred speech
- Delirium (seeing things that are not present- “Oasis in a Desert” or mirage is a common delirium)
- Fainting
- Coma
- Seizures
- Body Core Temperature at 104°F (40°C)
- Altered Mental State or Behavior

Mitigating Heat Stress and Heat Stroke:

Identifying the symptoms is the first step to mitigating a potentially dangerous situation, and the number one way is to use the **Buddy System**.

- Awareness and education on Heat Stress and Heat Stroke
- **Monitor each other** for flushed or pale skin, sweating, and talk to one another and monitor for slowed speech, confusion, difficulty with words, lethargy, and either sweating or too dry (historically, dry was indicative of a potential heat stroke). If your Buddy faints, if they are sweating was indicative of heat exhaustion, and if dry this is potentially indicative of a heat stroke, but new studies say that even sweating can be indicative of a heat stroke.
- If in heat <2 hours should drink water every 15-20 minutes, and if all day in heat should include electrolytes
- Use of potable water <59° (<15°C)
- Find shade or Air Conditioning to cool body core temperature
- Work 50 minutes and take a 10-minute rest, preferably in a cool area (AC or shade), should have an umbrella nearby if no shade or AC is available.
- If one should lose power due to high use of local AC units, fill a tub with cool water and step in (careful of water depth of only 2 to 4 Inches, in case of loss of consciousness)
- **EMERGENCY, Seek immediate medical assistance with signs of a Heat Stroke**

For more technical guidance, the below is a source from NIOSH and CDC:

https://www.cdc.gov/niosh/docs/2016-106/pdfs/2016-106.pdf?id=10.26616/NIOSHPUB2016106

Heat Stress and Cold Stress Mitigation

Cold Stress

According to OSHA, **Cold Stress** occurs by driving down the skin temperature, and eventually the internal body temperature; when the body is unable to warm itself, serious cold-related illnesses and injuries may occur, such as trench foot, frostbite, and hypothermia. Again, as in Heat Stress, use the "Buddy System," and monitor each other when working or being outside in cold weather. Wind chill can be a factor in exposure to severe cold weather in Michigan. Schools in Michigan are required to close if the temperature is -2°F due to a cold wait at school bus stops and emergency vehicles needed for salting roads. This information is to aid one on the education and prevention of succumbing to Cold Stress.

Trench foot is caused by prolonged exposure to wet and cold conditions and symptoms include reddening skin, tingling, pain swelling, leg cramps, numbness, and blisters. CALL for IMMEDIATE MEDICAL ATTENTION, or seek medical assistance as soon as possible.

- Remove wet shoes/ boots and socks
- Dry the feet and avoid working on them
- Keep affected feet elevated and avoid walking

Frostbite is caused by the freezing of the skin and tissues and can cause permanent damage to the body. People with reduced blood circulation or not properly dressed for extremely cold temperatures are in danger of frostbite; reddened skin develops gray/white patches on fingers, toes, nose, or ear lobes, tingling, aching, a loss of feeling, firm/hard, and blisters. CALL for IMMEDIATE MEDICAL ATTENTION, or seek medical assistance as soon as possible.

- Do NOT break blisters
- Do NOT apply snow or water
- Do NOT rub affected areas on the skin
- Do NOT rewarm the area before getting medical attention (can become frozen again)
- Give sweet warm drinks (no alcohol)

Hypothermia occurs when the body temperature drops below 95°F, then the body begins to use stored energy in a prolonged cold situation; shivering, loss of coordination, confusion, slurred speech, heart

rate/breathing slow, unconsciousness. CALL for IMMEDIATE MEDICAL ATTENTION, or seek medical assistance as soon as possible.

Cold Stress Mitigation

Measures can be taken when being and working in severe cold weather to prepare for potential emergency situations:

- **Be aware of weather forecast**; before going outside, watch the weather forecast and prepare
- Keep a **Cellphone** or two-way radio with you and make sure the battery charge is full for the amount of time being in the cold.
- **Buddy System**, monitor each other for signs of Cold Stress
- **Dress in layers**; for footwear, cold weather layers can include
    - **nylon** near the skin (socks) to keep the skin from drying out instead of cotton (some people may experience dry rash patches with cotton directly on the skin), followed by
    - **cotton** for absorbing sweat near the skin, with a final layer of
    - **wool** hunting socks and then
    - **boots** (get one to two sizes larger to fit all the footwear protection), especially if wearing steel-toe workboats.
- Drink warm sweet drinks (not alcohol), keep a thermos nearby
- Seek warm shelter and take periodic breaks (vehicle, building); try to **keep at least ½ tank fuel** in vehicle at all times in case of emergency (stranded in storm, or need to seek assistance with no power to fueling stations)
- Hand warmers can be used inside gloves (hands) and socks (feet)
- Keep away from downed electrical wires; downed energized power lines
- Keep away from tree limbs that are stressed from the weight of snow or ice
- Do not break icicles that are above (fall with injury could occur)
- Slipping on ice or snow; wear proper rubberized footwear, take shorter steps, and walk slower
- **Do not leave a vehicle**, if stranded, keep the exhaust pipe clear of snow to prevent carbon monoxide poisoning
- **Turn on Dome Light** in vehicle for added visibility to on-comers to find you
- Do minor exercises to maintain good blood circulation
- Keep blankets in the vehicle for added warmth (use car mats, newspapers, and maps, too)

Heat Stress and Cold Stress Mitigation

For additional information; https://www.osha.gov/winter-weather/hazards

APPENDIX J

SARA TITLE II TOXIC RELEASE INVENTORY; WASTES

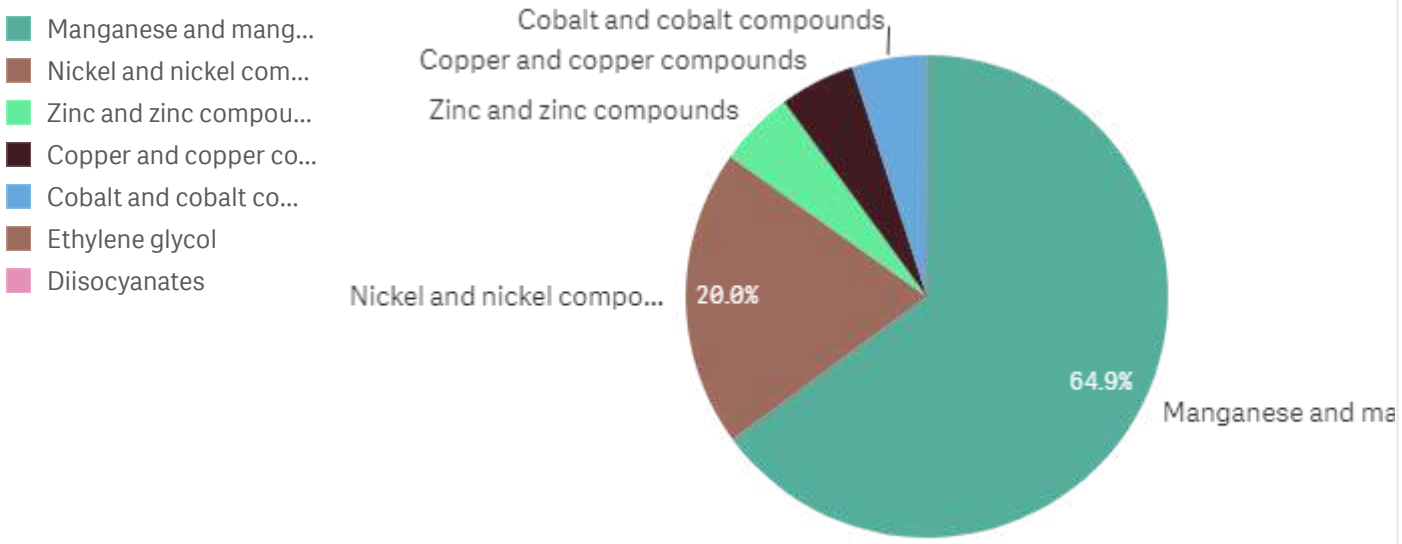
Facility Summary for BRADFORD WHITE CORP - 49333BRDFR200LA

Waste Managed

Facilities report how much of each chemical is recycled, burned for energy recovery, and treated, as well as how much is disposed of or otherwise released during normal production; these are all waste management methods. Facilities also report the quantity of chemicals emitted in the event of a one-time incident, such as a spill or fire; these are also included in “waste management."

Waste Management by Chemical for 2019

Total Waste Managed: 265,825 lb



** The data set contains negative or zero values that cannot be shown in this chart.*

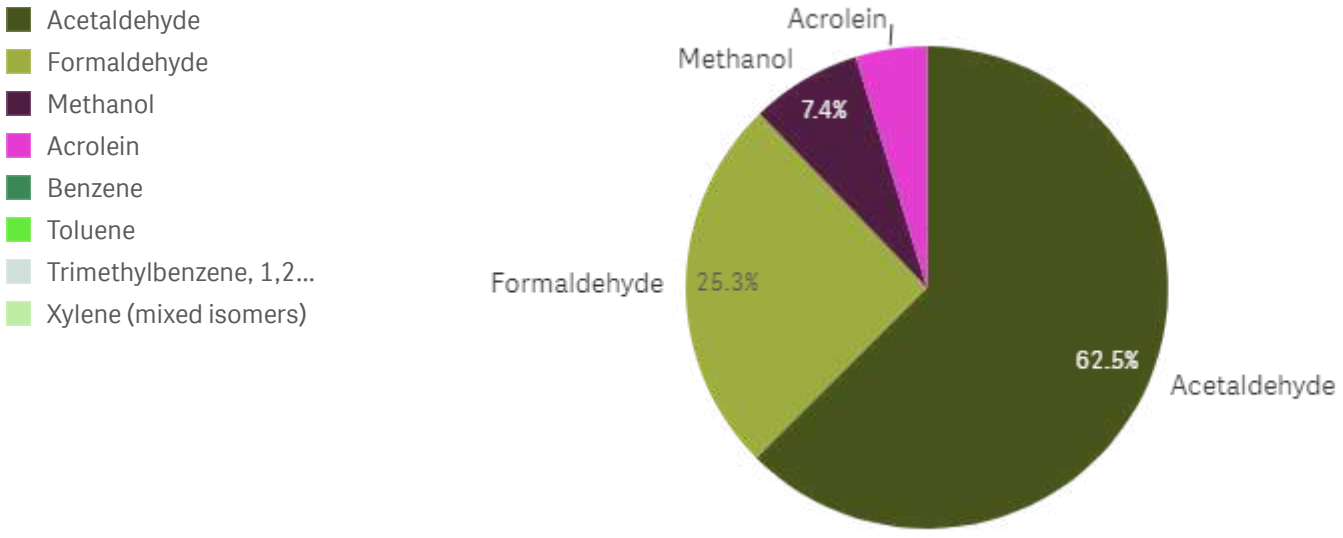
Facility Summary for CARBON GREEN BIOENERGY - 48849SBWDB7795S

Waste Managed

Facilities report how much of each chemical is recycled, burned for energy recovery, and treated, as well as how much is disposed of or otherwise released during normal production; these are all waste management methods. Facilities also report the quantity of chemicals emitted in the event of a one-time incident, such as a spill or fire; these are also included in “waste management."

Waste Management by Chemical for 2019

Total Waste Managed: 12,196 lb



** The data set contains negative or zero values that cannot be shown in this chart.*

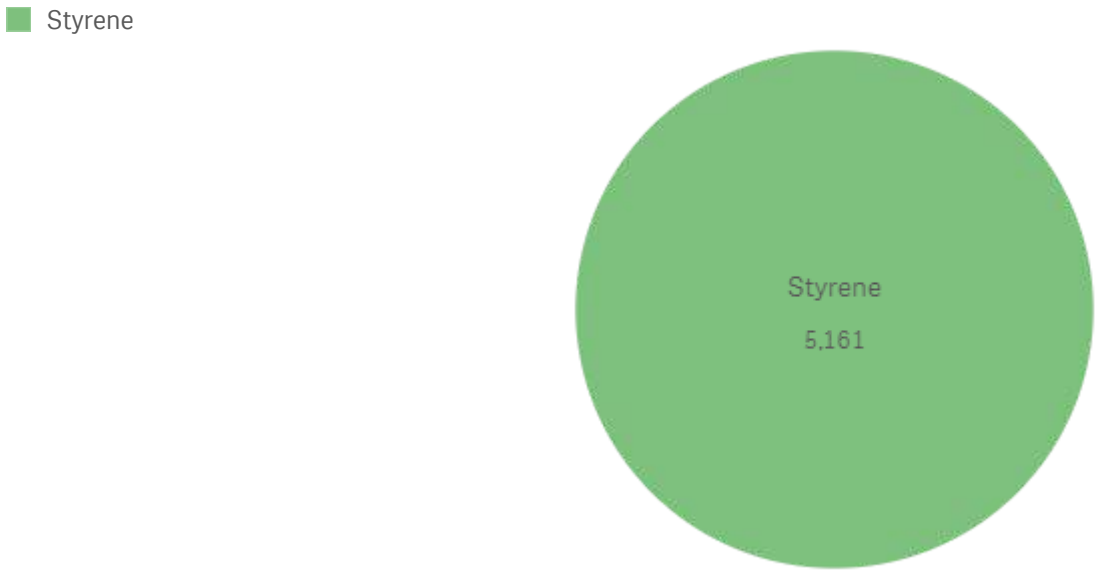
Facility Summary for HASTINGS FIBERGLASS PRODUCTS - 4905WHSTNG131WG

Waste Managed

Facilities report how much of each chemical is recycled, burned for energy recovery, and treated, as well as how much is disposed of or otherwise released during normal production; these are all waste management methods. Facilities also report the quantity of chemicals emitted in the event of a one-time incident, such as a spill or fire; these are also included in “waste management."

Waste Management by Chemical for 2019

Total Waste Managed: 5,161 lb



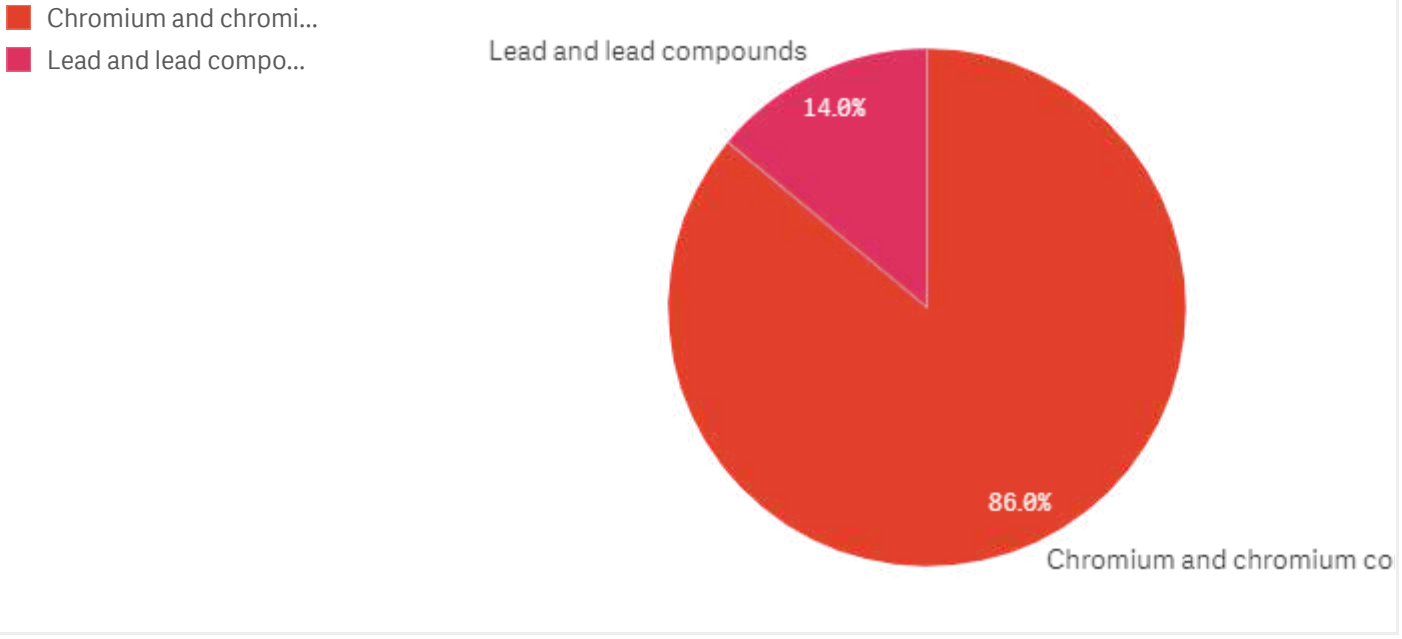
Facility Summary for HASTINGS MANUFACTURING CO - 49058HSTNG325NO

Waste Managed

Facilities report how much of each chemical is recycled, burned for energy recovery, and treated, as well as how much is disposed of or otherwise released during normal production; these are all waste management methods. Facilities also report the quantity of chemicals emitted in the event of a one-time incident, such as a spill or fire; these are also included in “waste management."

Waste Management by Chemical for 2019

Total Waste Managed: 12,686 lb



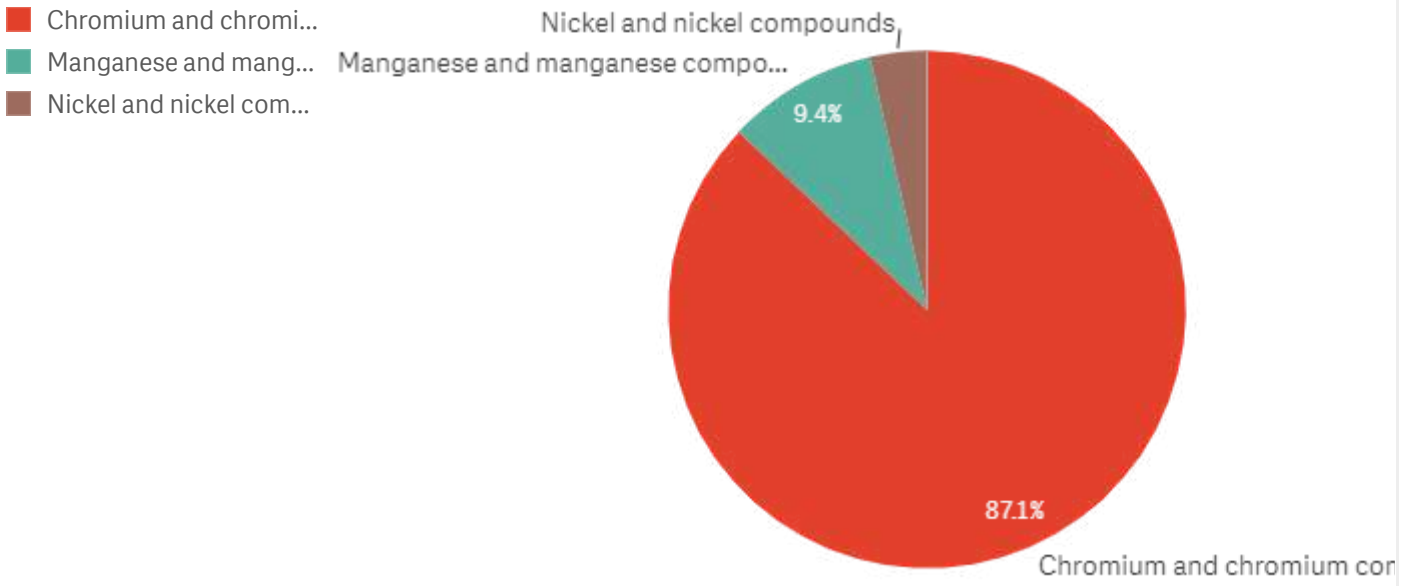
Facility Summary for MIDDLEVILLE TOOL & DIE CO INC - 4933WMDDLV19PAT

Waste Managed

Facilities report how much of each chemical is recycled, burned for energy recovery, and treated, as well as how much is disposed of or otherwise released during normal production; these are all waste management methods. Facilities also report the quantity of chemicals emitted in the event of a one-time incident, such as a spill or fire; these are also included in “waste management."

Waste Management by Chemical for 2019

Total Waste Managed: 537,396 lb



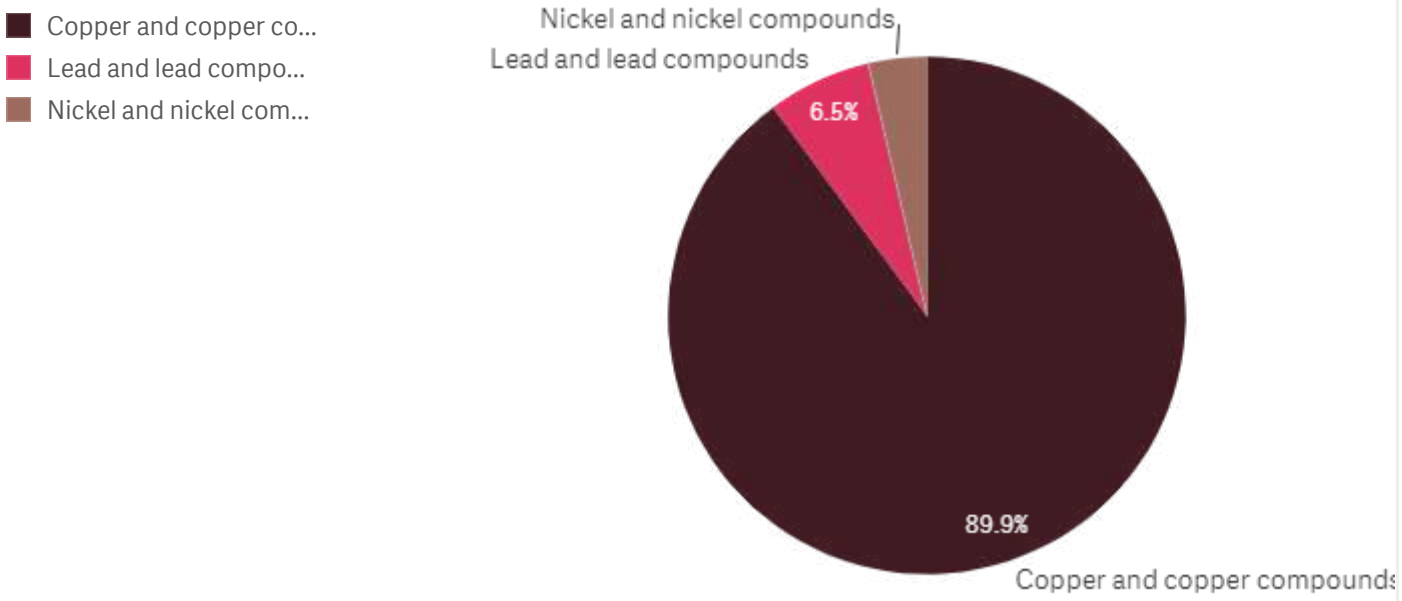
Facility Summary for VIKING CORP - 49058VKNGC21NIN

Waste Managed

Facilities report how much of each chemical is recycled, burned for energy recovery, and treated, as well as how much is disposed of or otherwise released during normal production; these are all waste management methods. Facilities also report the quantity of chemicals emitted in the event of a one-time incident, such as a spill or fire; these are also included in “waste management."

Waste Management by Chemical for 2019

Total Waste Managed: 944,512 lb



AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: BOC, 12-14-21

DEPARTMENT: County Administration

PREPARED BY: Michael Brown,
County Administrator

SUBJECT: Resolution to Authorize the Auditor to Make Final Year-End Appropriations

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners adoption of Resolution #21-31 To Authorize Auditor to Make Final Year-End Appropriations.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only): Adoption of Resolution #21-31 To Authorize Auditor to Make Final Year-End Appropriations.

DESCRIPTION OF ACTION: During the Budget process certain Special Revenue funds that receive an annual appropriation from the General Fund were identified as having fund balances that continue to grow from year to year and/or have fund balances that are larger than may be desired. The funds specifically identified were the Friend of the Court Fund, the Adult Drug Court Fund and the Child Care Fund. This resolution directs the auditors to determine at year end, the amount to transfer to these funds from the General Fund to ensure that the fund balances do not increase and to make the necessary transfers.

TIME FRAME OF ACTION: During the audit process for the 2021 budget year.

FUNDING REQUIRED: YES_____ NO ___x_____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: None.

NEW OR RENEWAL: New

ANY OTHER PERTINENT INFORMATION: None.

CONTACT PERSON WITH PHONE NUMBER:
Michael Brown, County Administrator, 269-945-1284.

Barry County Board of Commissioners
Resolution #21-31

Resolution

RESOLUTION TO AUTHORIZE AUDITOR TO MAKE FINAL YEAR END APPROPRIATIONS

WHEREAS, the Board of Commissioners has budgeted specific amounts to be appropriated from the General Fund to the Friend of the Court Fund, Adult Drug Court Fund and Child Care Fund, and

WHEREAS, the Board of Commissioners desires to maintain at current levels, but not increase the fund balances of these funds,

NOW THEREFORE, BE IT RESOLVED that the Barry County Board of Commissioners directs the auditors to determine, within the amount budgeted for the appropriations to these funds in the General Fund, the appropriate amount to transfer to the Adult Drug Court Fund (#285), Friend of the Court Fund (#215), and Child Care Fund (#292) from the General Fund after year end to avoid an increase in the fund balance for these funds, and to direct the auditors to make the necessary transfers.

Benjamin D. Geiger, Chair
Barry County Board of Commissioners

Pamela Palmer
Barry County Clerk

Adopted 12/14/21

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: BOC, 12-14-21

DEPARTMENT: County Administration

PREPARED BY: Michael Brown, County Administrator

SUBJECT: Resolution to Transfer 2021 General Fund Surplus to Various Internal Service Funds.

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners adoption of Resolution #21-32 To Authorize the Auditor to Transfer 2021 General Fund Surplus Funds to Various Internal Service Funds.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Adoption of Resolution #21-32 To Authorize the Auditor to Transfer 2021 General Fund Surplus Funds to Various Internal Service Funds.

DESCRIPTION OF ACTION: Historically, due to the prudent spending of General Fund departments, at the end of each year, revenues have exceeded expenditures. Historically, the Board of Commissioners has authorized, by resolution, the auditors to transfer surplus general funds to the building rehabilitation fund, capital replacement fund, data processing fund and vehicle replacement fund. This resolution directs the auditor to transfer 50% of these funds to the Building Rehabilitation fund; 20% of these funds to the Data Processing fund; 15% of these funds to the Capital Replacement Fund, and 15% of these funds to the Vehicle Fund.

TIME FRAME OF ACTION: During the audit process for the 2021 budget year.

FUNDING REQUIRED: YES_____ NO ___x_____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: None.

NEW OR RENEWAL: Renewal.

ANY OTHER PERTINENT INFORMATION: None.

CONTACT PERSON WITH PHONE NUMBER:
Michael Brown, County Administrator, 269-945-1284.

Barry County Board of Commissioners
Resolution #21-32

Resolution

RESOLUTION TO AUTHORIZE AUDITOR TO TRANSFER 2021 GENERAL FUND SURPLUS FUNDS TO VARIOUS INTERNAL SERVICE FUNDS

WHEREAS, the Uniform Budgeting and Accounting Act, Public Act 621 of 1978, requires that each local unit of government adopt a balanced budget for all required funds, and

WHEREAS, the County Administrator prepared a recommended 2021 Budget and the County Board of Commissioners adopted the 2021 Budget and has approved numerous amendments to the 2021 Budget throughout the year, as required by the statute; and

WHEREAS, General Fund County Departments have historically managed their budgets in such a fashion as to be able to return a portion of their budget at the end of the fiscal year as unspent because of good fiscal prudence; and

WHEREAS, the Board of Commissioners has historically authorized the Auditor to transfer the unspent funds to the Vehicle Replacement, Data Processing, Capital Replacement and Building Rehabilitation Funds; and

WHEREAS, the County Administrator, upon reviewing the current fund balances and projected needs of each of these funds, recommends that the unspent funds be distributed to any internal service fund that ends the year in a deficit, with the remainder being distributed in the following manner: 50% into the Building Rehabilitation Fund, 20% into the Data Processing Fund, 15% into the Capital Replacement Fund, and 15% into the Vehicle Fund.

NOW THEREFORE, BE IT RESOLVED that the Barry County Board of Commissioners directs the Auditors to transfer surplus General Funds that might exist at the end of 2021 in the following manner: first, in an amount necessary to eliminate any deficit that might otherwise exist in an internal service fund and then 50% into the Building Rehabilitation Fund, 20% into the Data Processing Fund, 15% into the Capital Replacement Fund, and 15% into the Vehicle Fund.

Benjamin D. Geiger, Chair
Barry County Board of Commissioners

Pamela Palmer
Barry County Clerk

Adopted 12/14/21

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: December 14, 2021, Board of Commissioners

DEPARTMENT: Commissioners

PREPARED BY: Luella Dennison, Deputy County Administrator

SUBJECT: Solid Waste Oversight Appointment: Confirm Road Commission Appointment

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners approval to confirm the reappointment of Frank Fiala to serve as the Barry County Road Commissioner on the Barry County Solid Waste Oversight Committee for the year 2022, as recommended by the Barry County Road Commission.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Approval to confirm the reappointment of Frank Fiala for the year 2022 to serve as the Barry County Road Commissioner on the Barry County Solid Waste Oversight Committee, as recommended by the Barry County Road Commission.

DESCRIPTION OF ACTION: The term Barry County Road Commissioner on the Solid Waste Oversight Committee is an annual appointment. The reappointment is recommended by the Barry Road Commission.

TIME FRAME OF ACTION: Immediate.

FUNDING REQUIRED: YES_____ NO ____x____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)_____
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: None.

NEW OR RENEWAL: Terms renew annually.

ANY OTHER PERTINENT INFORMATION: Attached is the current member roster for the Solid Waste Oversight Committee and Barry County Road Commission Minutes from November 2, 2021 in support of the re-appointment.

CONTACT PERSON WITH PHONE NUMBER: Michael Brown, County Administrator, 616-945-1284.

SOLID WASTE OVERSIGHT COMMITTEE

(Three Year Terms)

NAME	REPRESENTING	TERM BEGINS	TERM ENDS
Jodi Pessell	Health Assoc./Env. Prof.	11-1-20	10-31-23
Matt Rosser (apptd 2/11/20)	Recycling Industry	11-1-21	10-31-24
Jim Brown	General Public	11-1-20	10-31-23
Sarah Moyer-Cale (apptd 11/23/21)	City of Hastings	11-1-21	10-31-24
William Sweeney	Solid Waste Industry	11-1-20	10-31-23
Jay VanStee	Barry/Eaton Health Dept.	11-1-20	10-31-23
Patricia Rayl	Village Representative	11-1-20	10-31-23
Sarah Nelson	General Public	11-1-20	10-31-23
Tom Rook	Townships	11-1-20	10-31-23
Annual appointments:			
Vivian Conner	Planning Commission	1-1-21	12-31-21
Frank Fiala	Road Commission	1-1-21	12-31-21
Bruce Campbell	BOC	1-1-21	12-31-21

^^^

Barry County Road Commission
November 2, 2021

The regular meeting of the Barry County Road Commission was called to order at the Road Commission's Board Room at 7:30 A.M. by Chairman Fiala.

Members present: Fiala, Solmes, Dykstra, and Managing Director Bradley Lamberg.

The agenda for November 2, 2021 was approved.

Motion was made and seconded to approve the minutes of October 19, 2021 as printed.

ROLL CALL: Yeas, Fiala, Solmes, & Dykstra
Nays, None
Motion Carried

Motion was made and seconded to approve payroll for payment.

ROLL CALL: Yeas, Fiala, Solmes, & Dykstra
Nays, None
Motion Carried

CHECK	NAME	AMOUNT
10/28/21	Barry County Road Commission	$93,812.81

Motion was made and seconded to approve the bills for payment.

ROLL CALL: Yeas, Fiala, Solmes, & Dykstra
Nays, None
Motion Carried

10/28/21

Check Number	Vendor Name	Check Amount
42979	Advantage Dust Control	$6,342.00
42980	Barbara Sue Hanneman	$300.00
42981	Brad Lamberg	$279.88
42982	Brent Cisler	$211.95
42983	Brian Heath	$100.00
42986	Capital One Bank	$26,065.39
42987	Consumers Energy	$227.32
42988	CTT/MTU	$170.00
42989	Delta Dental	$26.75
42990	Fahrner Asphalt Sealers LLC	$118,748.28
42991	Frontline Maintenance & Serv.	$42,038.50
42992	Genesee County Road Commission	$1,491.45
42993	Godwin	$201.00
42994	Hall's Septic	$255.00
42995	Hammersmith Equipment Company	$3,350.00
42996	Isolved Benefit Services	$525.00
42997	Ketchum Machine Co	$1,048.00
42998	Lincoln National Life Ins	$236.57
42999	M & K Quality Truck Center	$80.65
43000	MCRCSIP	$609.00
43001	Michigan Department Of	$60.00
43002	Priority Health	$14,664.69
43003	Purity Cylinder Gases Inc	$504.85
43004	Rob Garrett	$100.00
43005	Scott Bond	$127.17
43006	Spectrum Health - Pennock	$62.00

Check Number	Vendor Name	Check Amount
43007	Spotless Auto Lube & Wash	$92.94
43008	State Of Michigan	$142.40
43009	Substrata	$2,048.20
43010	Unemployment Insurance Agency	$4,639.58
43011	UniFirst Corporation	$385.20
43012	Unum	$441.00
43013	Warner Norcross & Judd LLP	$416.00
43014	Yellow Rose Transport, Inc.	$57,585.26
	Total	$283,576.03

Bids for a 20 Ton Tilt Trailer were opened on October 25, 2021 at 10:00 A.M.

Bidder:		**Bid Price:**
ALTA Equipment	PRATT 20 Ton Tilt Bed Tag Trailer 26 Weeks from time of signed order	$30,956.00
Technology International	Towmaster T-40 Tilt Trailer No later than 11/30/2022	$41,058.00

Motion was made and seconded to award the 20 Ton Tilt Deck Trailer to Alta Equipment as low bidder for $30,956.00

ROLL CALL: Yeas, Fiala, Solmes, & Dykstra
Nays, None
Motion Carried

Bids for a Melter Applicator with DB Pump & DB Electric Heated Hoses were opened on October 25, 2021 at 10:00 A.M.

Bidder:		**Bid Price:**
Sherwin Industries	Crafco EZ Series II Melter/Applicator Lead time 90 days	$119,909.00
Technology International	Crafco EZ Series II Melter/Applicator Lead time 150-175 days	$146,602.80

Motion was made and seconded to award the Melter Applicator with DB Pump & DB Electric Heated Hoses to Sherwin Industries as low bidder for $119,909.00.

ROLL CALL: Yeas, Fiala, Solmes, & Dykstra
Nays, None
Motion Carried

Jake Welch, Director of Operations, spoke to the Board about the meeting being held for residents today, November 3, 2021, in regards to a Special Assessment for repairs on Merlau Avenue and Southgate Drive in Prairieville Township.

Motion was made and seconded to appoint Commissioners Fiala to serve on the Solid Waste Committee for 2022.

ROLL CALL: Yeas, Fiala, Solmes, & Dykstra
Nays, None
Motion Carried

The annual Township meetings will be scheduled during January 10 - 13, 2022.

Meeting adjourned at 9:02 A.M.

Secretary

Chairman

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: December 14, 2021, Board of Commissioners

DEPARTMENT: Animal Shelter

PREPARED BY: Ken Kirsch, Director

SUBJECT: Authorize the hire of one (1) afternoon day shift Kennel Worker.

SPECIFIC ACTION(S) REQUESTED: To recommend to the Board of Commissioners approval to authorize the addition of a third Kennel Worker position working 18 hours per week.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only): Approval to authorize the addition of a third Kennel Worker position working 18 hours per week, with funds to come from General Fund Contingency.

DESCRIPTION OF ACTION: Authorize a new position at the Animal Shelter to cover the afternoon shift of kennel work. This position is for 18 hours a week Monday thru Friday.

At the COW meeting on 12/7/21, the recommended action included that funds for the request come from General Fund Contingency. In the event that the position is filled prior to 1/1/22, Budget Amendment 21-E has been revised to include a transfer from General Fund Contingency to the Animal Shelter Department budget totaling $390 (18 hrs/wk x 2 wks=36 hrs x $9.87/hr=$355.32 + benefits).

TIME FRAME OF ACTION: Immediate

FUNDING REQUIRED: YES X NO _____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) Local
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.) Annual: $9,238.32
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED:

NEW OR RENEWAL: New

ANY OTHER PERTINENT INFORMATION:

CONTACT PERSON WITH PHONE NUMBER: Kenneth Kirsch Jr., Director 269-948-4885.

Barry County Animal Shelter

540 North Industrial Park Drive

Hastings, MI 49058

Topic: Approve an additional Kennel Work (ANL356-005) position for the Shelter that will become the afternoon Kennel Worker.

Days: Monday thru Friday

Hours: Monday, Tuesday, Thursday, Friday 1:30pm-5pm, Wednesday 1pm-5pm Total: 18 hours a week

Hourly Rate: $9.87

There is a great need for an afternoon Kennel Worker at the shelter during the week. Since COVID the Volunteer hours have gone down from 500-600 hours a month to 25-50 hours a month. It does not seem to be going up in Volunteer hours. Where I use to be able to count on Volunteers to help during the afternoon shift that is no longer the case. As the Director, I am working full time in the afternoons as the Kennel Worker so I cannot get my Director duties completed and I fall behind daily. The two current Kennel workers are split between mornings and weekends and are limited to 19 hours per week so they are not available in the afternoons.

Afternoon work (not complete list) I do Monday thru Friday that are the responsibility of the Kennel Worker are listed below:

All care of dogs and cats

Cleaning of Kennels and Cattery

In processing of dogs and cats strays/surrenders

Out-processing of dogs and cats

Feeding of dogs and cats

Exercise/breaking of dogs

Breaking/playing of cats

Showing of dogs and cats to potential adopters

Showing of dogs and cats to possible owners

Unload vehicles

Take is and process donations

Guide the public in meeting dogs and cats

Assist Animal Control Officer with animals

Assist Kennel Clerk in needed duties

Feed/medicate all animals at closing

AGENDA REQUEST FORM

PROPOSED FOR MEETING OF: Board of Commissioners, December 14, 2021

DEPARTMENT: Administration

PREPARED BY: Luella Dennison, Deputy County Administrator

SUBJECT: Budget Amendment 21-E

SPECIFIC ACTION(S) REQUESTED:
To recommend to the Board of Commissioners Approval of Budget Amendment 21-E.

SPECIFIC ACTION(S) RECOMMENDED BY THE COW (Admin. use only):
Approval of Budget Amendment 21-E.

DESCRIPTION OF ACTION: Budget Amendment 21-E increases the General Fund overall budget by $246,303. Various revenue line items are adjusted representing revised estimates, including estimated revenue for the State Grant Brownfield Redevelopment line item in the amount of $178,908. There is a corresponding increase in General Fund Expenditures, in the (101-441) Public Works budget. These amounts may be transferred in the future to a new Special Revenue Fund (#243) Brownfield Redevelopment Authority, after consultation with our auditor. Other General Fund expenditure budget amendments include a total increase of $36,610 in the Trial Court Civil/Criminal budget. The increase of $30,534 to the Software Maintenance line item is offset by a Coronavirus Emergency Supplemental Funding grant (the revenue increase was included in Budget Amendment 21-D). Net increases to department budgets include: Drain Commission, $7,123 (change in health insurance coverage for a staff member); Jail, $9,015 (WC Code change, resulting in higher cost); Animal Shelter, $5,465 (PT Kennel Workers salaries were under budgeted, and includes addition of 3rd PT Kennel Worker, approved 12-14-21). General Fund amendments result in an increase of $8,378 to General Fund Contingency, for a total budget of $127,110. (See pages 8-9 for detail on General Fund Expenditure Budget adjustments.)

Special Revenue Fund amendments include a planned use of fund balance for Central Dispatch building renovations; an increase in revenue for the Building Rehabilitation Fund which includes a reimbursement of $129,000 from the Indigent Defense Fund for office renovations; adoption of a revenue budget for the Diverted Felons Fund to reflect revenue received during the year; and adoption of revenue and expenditure budgets for the debt fund and construction fund for the new Thornapple Manor Harvest Point assisted living facility. (See pages 13 and 14 for detail on Special Revenue Fund budget amendments.)

TIME FRAME OF ACTION: Immediate

FUNDING REQUIRED: YES_____ NO ___x_____

IF YES, ANSWER THE FOLLOWING:

1. FUNDING SOURCE (Federal, State, or Local) _____
2. IF LOCAL, SPECIFY FUND: _____
3. AMOUNT REQUESTED: _____
4. AMOUNT OF ONGOING COST, AND INTERVAL (Monthly, Quarterly, Annual, etc.)___
5. FINANCIAL IMPACT ON OTHER DEPARTMENTS:_____

PERSONNEL IF REQUIRED: None.

NEW OR RENEWAL: New.

ANY OTHER PERTINENT INFORMATION: None.

CONTACT PERSON WITH PHONE NUMBER: Michael Brown or Luella Dennison, 269-945-1284.

Budget Amendment 21-E

BARRY COUNTY GENERAL FUND
REVENUE AND EXPENDITURE SUMMARY

SOURCES OF FUNDS	2018 Actual	2019 Actual	2020 Actual	2021 Amended	2021 Amendment	2021 Amended
TAXES	11,627,496	12,133,354	12,583,498	13,123,331	-	13,123,331
LICENSES AND PERMITS	96,110	91,947	79,003	97,530	(9,100)	88,430
FEDERAL AND STATE	2,051,259	1,981,267	2,664,176	2,316,096	178,908	2,495,004
CHARGES FOR SERVICES	1,721,947	1,801,833	1,630,908	1,824,484	24,700	1,849,184
RENTS/INTEREST	98,955	317,265	225,517	117,000	-	117,000
FINES / FORFEITS	36,263	29,356	31,543	23,000	-	23,000
OTHER REVENUE	723,113	602,587	1,033,994	1,387,318	51,795	1,439,113
TOTAL REVENUE	**16,355,143**	**16,957,609**	**18,248,639**	**18,888,759**	**246,303**	**19,135,062**

EXPENDITURES BY MANDATE	2018 Actual	2019 Actual	2020 Actual	2021 Amended	2021 Amendment	2021 Amended
MANDATED	11,668,568	12,001,965	12,607,842	13,966,559	53,552	14,020,111
Non-MANDATED/SERVICABL	3,794,904	4,008,957	4,271,357	3,699,994	184,373	3,884,367
Non-MANDATED/no service re	391,671	376,319	410,835	542,906	8,378	551,284
PRIOR YR Non-Mandated & LEGISLATIVE	500,000	570,368	958,605	679,300	-	679,300
New Positions/classifications	-	-	-	88,257	-	-
TOTAL EXPENDITURES	**16,355,143**	**16,957,609**	**18,248,639**	**18,888,759**	**246,303**	**19,135,062**

Approved new position total is included in category totals above.

BARRY COUNTY GENERAL FUND REVENUES

ACCT NUMBER	ACCOUNT NAME	2018 ACTUAL	2019 ACTUAL	2020 ACTUAL	2021 AMENDED	2021 AMENDMENT	2021 AMENDED
TAXES							
402-000	Current Property Taxes	-	-	-	-	-	-
402-120	2012 Tax Collections	-	-	-	-	-	-
402-130	2013 Tax Collections	-	-	-	-	-	-
402-140	2014 Tax Collections	-	-	-	-	-	-
402-150	2015 Tax Collections	-	-	-	-	-	-
402-160	2016 Tax Collections	4,485	-	-	-	-	-
402-170	2017 Tax Collections	(17,340)	-	-	-	-	-
402-180	2018 Tax Collections	11,358,313	2,080	-	-	-	-
402-190	2019 Tax Collections	-	11,881,831	30,064	-	-	-
402-200	2020 Tax Collections	-	-	12,358,217	-	-	-
402-210	2021 Tax Collections	-	-	-	12,739,998	-	12,739,998
402-220	2022 Tax Collections	-	-		-	-	-
402-230	2023 Tax Collections	-	-		-	-	-
420-000	Del. Per. Prop/Tax Value Ch.	694	2,324	2,211	2,000	-	2,000
421-000	Taxable Value Changes Pd	544	6,690	3,680	2,500	-	2,500
424-000	Tax Reverted Lands	-	-	-	-	-	-
425-000	Trailer Taxes	5,690	9,328	5,683	6,500	-	6,500
426-000	Payments in Lieu of Taxes	12,401	3,220	23,128	5,000	-	5,000
429-000	Commercial Forest Reserve	26	25	31	27	-	27
439-000	Marijuana Tax	-	-	-	28,001	-	28,001
441-000	Local Community Stabilization	223,431	189,047	123,997	297,305	-	297,305
445-010	Interest on Taxes	39,252	38,809	36,487	42,000	-	42,000
	SUBTOTAL	**11,627,496**	**12,133,354**	**12,583,498**	**13,123,331**	**-**	**13,123,331**
LICENSES & PERMITS							
476-000	Gun Permit Renewal	-	-	-	-	-	-
476-010	Gun Permits New	-	-	-	-	-	-
477-000	Dog Licenses	42,086	38,495	28,733	40,000	(10,000)	30,000
477-010	Dog License Late Fee	1,692	-	-	-	-	-
478-000	Kennel Licenses	370	345	355	380	-	380
479-000	Marriage Licenses	2,035	1,940	1,745	2,000	-	2,000
479-010	Out of State Marriage Fee	340	250	250	250	-	250
480-000	Marriage License Fees Family	6,360	5,820	5,265	5,800	900	6,700
481-000	Marriage Waiver	350	500	250	500	-	500
485-000	Planning Services	42,877	44,597	42,405	48,600	-	48,600
	SUBTOTAL	**96,110**	**91,947**	**79,003**	**97,530**	**(9,100)**	**88,430**
FEDERAL & STATE							
506-000	EMP Grant	34,724	37,143	41,673	45,649	-	45,649
506-020	Supplemental Fund Grant	13,222	28,517	2,700	9,500	-	9,500
506-030	Hazard Mitigation	-	-	-	-	-	-
506-070	SAP Grant	-	-	-	-	-	-
528-000	Other Federal Grants	-	-	856,269	213,870	-	213,870
540-000	Probate Judges Salary	156,462	159,317	162,575	152,000	-	152,000
541-000	Circuit Court Judges Salary	45,724	36,199	45,724	45,724	-	45,724
542-000	District Court Judges Salary	45,724	45,724	45,724	45,724	-	45,724
543-000	State Court Fund Distribution	214,840	207,634	195,069	200,000	-	200,000
543-010	Jury Fee - Trial Courts	8,595	1,671	3,113	3,500	-	3,500
544-000	Probation Allocated Grant	-	-	-	-	-	-
544-030	Caseflow Assistance	12,479	10,647	9,492	9,500	-	9,500
545-000	Secondary Road Patrol	80,002	67,160	69,770	58,820	-	58,820
545-010	Highway Safety Patrol	-	-	-	-	-	-
545-020	OHSP-UAD	-	-	-	-	-	-
552-000	Byrne Grant - Sheriff	-	-	-	-	-	-
560-000	State Grant-Medical Marihuana	-	15,376	20,206	28,900	-	28,900
562-010	Cooperative Reimb-FOC	-	-	-	-	-	-
562-020	Cooperative Reimb-Pros	-	-	-	-	-	-
562-030	Cooperative Reimb-Medical	-	-	-	-	-	-
562-040	FOC-PROS Atty Incentive	-	-	-	-	-	-
562-050	State DHS Title IVE - Pros	-	-	-	-	-	-
563-000	State Grant - Brownfield	26,473	1,538	4,569	-	178,908	178,908
566-000	State Grants - CJO	27,317	27,317	27,317	27,317	-	27,317

BARRY COUNTY GENERAL FUND REVENUES

ACCT NUMBER	ACCOUNT NAME	2018 ACTUAL	2019 ACTUAL	2020 ACTUAL	2021 AMENDED	2021 AMENDMENT	2021 AMENDED
567-000	Marine Safety Program	54,900	-	54,900	54,900	-	54,900
569-000	Crime Victims Rights-Pros	-	-	-	-	-	-
569-010	Crime Victims Rights-Clerk	2,681	2,790	2,581	2,500	-	2,500
570-010	Forensic Lab Fees	-	-	-	-	-	-
571-000	State Grant Conv & Tourism	147,444	149,078	153,759	157,794	-	157,794
572-000	Cigarette Tax	-	-	-	-	-	-
574-000	State Sales Tax	1,172,036	1,182,742	918,955	1,229,773	-	1,229,773
576-000	Liquor Law Enforcement	8,358	8,130	9,011	7,500	-	7,500
577-000	Voters Aid Registration	278	284	40,769	300	-	300
589-010	Sewer Administration Fee	-	-	-	22,825	-	22,825
	SUBTOTAL	**2,051,259**	**1,981,267**	**2,664,176**	**2,316,096**	**178,908**	**2,495,004**
CHARGES FOR SERVICE							
601-000	Circuit Court Costs	62,180	73,118	54,198	72,600	-	72,600
601-010	Contempt of Court	1,525	-	-	200	-	200
601-020	Cell Phone Contempt of Court	125	75	-	-	-	-
601-030	Attorney Fees - Criminal	27,170	16,351	12,923	16,500	-	16,500
601-040	Attorney Fees - Civil/Criminal	-	-	-	-	-	-
601-101	Circuit Court Late Fees	7,443	6,824	8,260	9,000	-	9,000
602-000	Circuit Court Bond Costs	4,070	104,360	1,840	1,200	-	1,200
603-000	District Court Costs	423,600	383,892	319,452	290,154	-	290,154
604-000	District Court Bond Costs	7,814	5,346	3,758	4,000	-	4,000
605-000	District Court Civil Fees	82,880	92,609	68,266	40,300	24,700	65,000
607-010	Filing Fees + 215 Clerk Exp	1,178	1,147	620	2,100	-	2,100
607-030	Jury Fees	1,235	780	840	1,000	-	1,000
607-040	Trial Fees	-	-	-	-	-	-
607-050	Appeal Fees	25	425	25	125	-	125
607-060	Reinstatement Fees	124	-	-	-	-	-
607-070	Reinstatement Fees	-	-	-	-	-	-
607-080	Motion Fees +PC 215 Clerk Exp	4,020	4,030	4,010	4,000	-	4,000
607-090	Paternity Fee	127	81	90	80	-	80
607-110	Filing Fees	9,859	10,540	7,978	10,000	-	10,000
607-120	Filing Fee Ordered -C	-	-	-	-	-	-
609-000	Register of Deeds Services	(20)	235	183	1,150	-	1,150
609-010	Recording Fees	261,710	268,358	305,927	356,800	-	356,800
609-020	Record Search	10,649	8,073	849	2,250	-	2,250
609-030	Recording Fees-Remonumentati	-	-	-	-	-	-
609-060	Financing Statements	1,500	2,075	1,425	2,075	-	2,075
609-080	DNA Sampling (Clerk)	-	-	3	-	-	-
609-090	DNA 2015 Clerk	370	347	299	-	-	-
610-000	Real Estate Transfer Tax	310,840	318,028	377,503	421,000	-	421,000
611-000	FOC Service Fees	41,966	45,088	59,229	56,700	-	56,700
612-000	Investigative Fees	250	250	750	1,000	-	1,000
614-000	MSSR Co. Portion	731	755	865	765	-	765
618-010	Tax Certification Fees	10,093	10,445	10,416	11,355	-	11,355
618-020	Tax History Fees	29	1	42	20	-	20
618-030	Tax Search Fees	167	128	135	500	-	500
618-050	Other County Treas Serv	312	136	216	500	-	500
621-010	Certified Copies	3,890	4,310	2,820	4,400	-	4,400
621-020	Partnership, Assumed Name	2,070	1,640	1,420	2,100	-	2,100
621-030	Notary Bond Filing	1,064	1,040	696	1,000	-	1,000
621-040	Passport Execution Fees	-	-	-	-	-	-
621-050	Notorial Certs/Power Att	-	40	-	40	-	40
621-060	Other County Clerk Services	1,315	1,205	1,125	1,200	-	1,200
621-070	Record Search	55,615	59,040	67,313	99,300	-	99,300
621-080	Notorizing-Witnss	1,050	975	680	350	-	350
621-090	Campaign Finance Late Fee	250	-	-	100	-	100
621-100	CCW Photos	-	-	-	-	-	-
621-110	Passport Photos	-	-	-	-	-	-

BARRY COUNTY GENERAL FUND REVENUES

ACCT NUMBER	ACCOUNT NAME	2018 ACTUAL	2019 ACTUAL	2020 ACTUAL	2021 AMENDED	2021 AMENDMENT	2021 AMENDED
621-120	Vital Records copies	61,182	62,856	57,947	62,000	-	62,000
621-130	DBA/Co-Part Cert/Non-res	208	28	18	50	-	50
621-140	DBA/Co-Part Cert@filing	123	7	9	10	-	10
621-150	DBA/Co-Part Change/Dissol	83	70	55	80	-	80
621-160	DBA/On Time Renewal	124	68	80	100	-	100
622-000	Probate Court Services	15,441	13,816	8,755	15,400	-	15,400
623-000	Service Fees Juvenile Court	218	563	110	300	-	300
623-010	Probate Costs	-	-	-	-	-	-
623-020	Probate Assessments	127	82	81	100	-	100
623-030	DNA Sampling (Family Div.)	77	32	27	-	-	-
623-040	20% Late Fee	201	150	120	-	-	-
625-000	Sex Offender Registration Fee	4,290	4,440	4,540	5,600	-	5,600
625-010	Probate Court Fees	15,785	20,148	11,726	18,900	-	18,900
625-030	Marriage Ceremonies	-	-	-	-	-	-
625-050	Jury Fees	30	-	-	-	-	-
625-060	Change of Name	200	50	90	100	-	100
625-080	Deposit Boxes	20	-	-	-	-	-
625-110	Adoption Collection Fees	180	160	40	-	-	-
625-130	Certified Copies	4,180	4,681	4,072	4,900	-	4,900
625-140	MOT/PET/ACCT/OBJ/Claim	2,910	2,640	2,140	2,500	-	2,500
625-150	Trust Reg/Will Safe Keeping	475	800	150	475	-	475
625-160	Appeals Probate Court	-	-	75	-	-	-
626-000	District Court Crime Victim	7,164	6,643	5,169	6,500	-	6,500
627-000	Animal Shelter Fees	4,463	4,812	3,671	4,800	-	4,800
629-020	Boat Livery Inspection	76	56	-	60	-	60
629-030	Photographic Services	2,789	2,856	2,788	2,500	-	2,500
629-040	Vehicle Inspection	3,220	1,565	585	2,000	-	2,000
629-050	Other Sheriff Services	69,471	61,475	18,173	60,000	-	60,000
629-060	Gun Permits	960	1,120	1,370	1,000	-	1,000
629-070	Kennel Inspections	300	360	330	370	-	370
635-000	Prisoners Board	23,694	24,904	17,770	25,000	-	25,000
635-010	Diverted Felons	-	-	-	-	-	-
635-080	Fingerprinting	11,580	8,925	13,389	7,500	-	7,500
635-090	DNA Sampling (Sheriff)	192	81	67	-	-	-
635-100	DNA Sampling (Sheriff)	-	-	8	-	-	-
635-110	DNA 2015 Sheriff	924	938	745	-	-	-
639-000	Mapping Department Serv	6,928	4,649	5,948	13,400	-	13,400
639-010	IT Dept. Services	-	-	-	1,000	-	1,000
639-020	Abstract Dept. Services	1,773	4,281	776	1,000	-	1,000
639-030	Assessor Training - Host	-	-	-	-	-	-
641-000	Transportation of Prisoners	2,846	2,058	-	5,000	-	5,000
644-000	Record Copying Fees	91,073	101,587	117,754	139,300	-	139,300
644-010	Divorce Kits	1,817	1,112	-	-	-	-
645-000	Sale of Meals	-	-	-	-	-	-
646-000	Sale of Office Supplies	-	60	-	75	-	75
646-010	Sale of District Court Forms	3,713	4,099	2,298	3,000	-	3,000
646-020	Sale of Family Court Forms	1,636	1,173	1,238	500	-	500
647-000	Animal Adoption Fees	27,319	21,919	14,711	12,000	-	12,000
647-010	Cremation	1,273	1,258	817	1,000	-	1,000
647-020	Cremation Permits	9,800	9,355	9,800	10,000	-	10,000
647-030	Rabies shots/vet	2,775	2,671	2,832	3,000	-	3,000
647-040	Sterilization Fee	1,843	748	5,304	1,000	-	1,000
649-000	Sale of Scrap & Salvage	1,238	790	1,174	100	-	100
673-000	Inmates Pay Phone Revenue	-	-	-	-	-	-
	SUBTOTAL	**1,721,947**	**1,801,833**	**1,630,908**	**1,824,484**	**24,700**	**1,849,184**
FINES & FORFEITS							
656-000	Bond Forfeitures	10,034	7,210	6,394	5,000	-	5,000
657-000	Ordinance Fines	26,229	22,146	25,149	18,000	-	18,000
662-000	Collection Fees	-	-	-	-	-	-
	SUBTOTAL	**36,263**	**29,356**	**31,543**	**23,000**	**-**	**23,000**

BARRY COUNTY GENERAL FUND REVENUES

ACCT NUMBER	ACCOUNT NAME	2018 ACTUAL	2019 ACTUAL	2020 ACTUAL	2021 AMENDED	2021 AMENDMENT	2021 AMENDED
RENTS & INTEREST							
665-000	Interest Earned	88,199	295,501	214,245	100,000	-	100,000
665-010	Interest Earned on Payroll	20	28	36	-	-	-
667-000	Rent on Land	4,736	4,736	4,736	-	-	-
667-010	Rent on Marine Vehicle	6,000	6,000	6,500	6,000	-	6,000
667-020	Rent on Equipment	-	11,000	-	11,000	-	11,000
667-030	Rent CAC Building	-	-	-	-	-	-
667-050	Rent on Health Dept. Building	-	-	-	-	-	-
671-010	Admin Fee	-	-	-	-	-	-
	SUBTOTAL	**98,955**	**317,265**	**225,517**	**117,000**	**-**	**117,000**
OTHER REVENUE							
675-000	Donations	10,021	10,000	10,000	-	-	-
676-000	Smart Tags	-	-	-	-	-	-
678-000	Hospitalization Reimb	-	-	-	-	-	-
679-000	Miscellaneous Revenue	9,264	296	17,448	2,500	-	2,500
679-010	Miscellaneous Reimbursement	40,037	(44,226)	28,390	30,000	49,295	79,295
679-020	FOIA Reimbursement	717	1,245	4,949	100	-	100
680-000	Canvassing Reimbursements	4,180	297	1,921	-	-	-
681-000	Central Services Cost Reimb	-	-	-	22,602	-	22,602
682-000	Reimbursement Dog Damage	-	-	-	-	-	-
683-000	Housing Reimb/State Inmates	16,695	8,190	-	17,000	-	17,000
684-000	Inmate Housing Out Cty Rent	-	-	-	-	-	-
685-000	SSSP Sheriff Reimbursement	38,268	21,839	5,754	23,000	-	23,000
685-010	SSSP Prosecutor Reimb	-	-	-	-	-	-
688-000	Insurance/Bond Prem Refund	-	-	-	-	-	-
692-010	Refunds Treasurer	-	-	-	-	-	-
692-020	Refunds Clerk	-	-	-	-	-	-
692-030	Refunds Probate	9,467	15,032	5,925	10,000	-	10,000
692-040	Refunds Prosecutor	910	225	518	500	-	500
692-050	Refunds Sheriff	148	151	53	300	-	300
692-060	Miscellaneous Refunds	311	175	11	110,000	-	110,000
694-000	Cash Over/Short	20	563	420	-	-	-
696-000	Bond or Insurance Recovery	-	-	-	-	-	-
	SUBTOTAL	**130,038**	**13,787**	**75,389**	**216,002**	**49,295**	**265,297**
	TOTAL GENERAL FUND	**15,762,068**	**16,368,809**	**17,290,034**	**17,717,443**	**243,803**	**17,961,246**
	+Bldg Rehab interest	8,356	13,049	5,147			
	+Parks & Rec/Bldg Rehab ref/dc	900	7,325	-			
	TOTAL GENERAL FUND (shov	9,256	20,374	5,147			
	to tie to Audit)	15,771,324	16,389,183	17,295,181			
697-000	Proceeds FA	-	-	-	-	-	-
699-234	Bldg Strong Families-UW	-	-	-	-	-	-
699-264	Transfer in from CPL Fund	-	-	-	15,000	-	15,000
699-248	Transfer in from Bldg Rehab	-	-	-	104,600	-	104,600
699-253	Transfer in from Mstr Land	-	-	-	-	-	-
699-637	Transfer in from Data Processing	-	-	-	205,602	-	205,602
699-286	Transfer in from Juv. Drug Ct.	-	-	-	-	-	-
699-297	Transfer in from Diverted Fel.	-	-	-	119,185	-	119,185
699-372	B.A. Courts & Law fund bal.	-	-	-	-	-	-
699-616	100% Umbrella Tax Fund	593,075	588,800	958,605	642,969	-	642,969
699-661	Transfer in from Vehicle Fund	-	-	-	71,100	-	71,100
New	Transfer in from Drain fund	-	-	-	12,860	2,500	15,360
	SUBTOTAL	593,075	588,800	958,605	1,171,316	2,500	1,173,816
GENERAL FUND TOTAL w/transfers in		**16,355,143**	**16,957,609**	**18,248,639**	**18,888,759**	**246,303**	**19,135,062**

BARRY COUNTY GENERAL FUND EXPENDITURES

ACCT NUMBER	ACCOUNT NAME	2018 ACTUAL	2019 ACTUAL	2020 ACTUAL	2021 AMENDED	2021 AMENDMENT	2021 AMENDED
MANDATED SERVICES							
151	Adult Probation	7,809	8,223	8,425	8,920	-	8,920
999-662	Child Care Approp.	209,354	316,408	334,601	510,593	-	510,593
999-673	Child Care Welfare (Hosp)	-	-	-	-	-	-
999-663	Child Care Welfare Approp.	-	-	-	-	-	-
215	Clerk	546,786	560,512	596,889	647,006	-	647,006
101	Commissioners	172,822	196,366	202,565	226,698	-	226,698
275	Drain Commissioner	174,665	191,349	204,521	236,248	7,123	243,371
191	Elections	49,317	19,666	113,936	93,200	-	93,200
225	Equalization	180,591	229,709	251,638	286,349	-	286,349
230	Extraditions	212	340	731	5,500	-	5,500
999-353	F.O.C. Building Debt Approp.	93,075	88,800	84,500	50,795	-	50,795
148	Family Court Division	822,452	802,717	828,567	927,231	-	927,231
999-143	Friend of the Court Approp.	102,314	104,793	203,077	248,116	-	248,116
602	Health & Safety Fund Approp.	-	-	-	-	-	-
601	Health Dept. Approp	449,580	441,737	449,212	456,796	-	456,796
865	Property & Liability Insurance	381,067	395,227	408,526	429,166	-	429,166
351	Jail	2,202,090	2,270,846	2,318,984	2,612,411	9,015	2,621,426
147	Jury Board	3,367	7,733	5,157	11,000	-	11,000
999-681	Transfer to Life Ins. Fund	3,200	3,000	3,000	2,500	-	2,500
	Retiree Health Ins	45,000	23,064	46,985	48,394	-	48,394
648	Medical Examiner	145,957	148,876	151,989	155,169	-	155,169
999-649	Mental Health Approp.	154,500	154,500	154,500	154,500	-	154,500
229	Prosecutor	746,836	793,546	840,046	896,703	-	896,703
236	Register of Deeds	266,480	268,207	223,828	291,926	-	291,926
999-244	Remonumentation	21,467	21,335	23,725	25,155	-	25,155
301	Sheriff	3,012,990	3,139,489	3,273,094	3,518,122	-	3,518,122
999-670	Social Welfare (Admin)	7,840	7,840	7,840	7,840	-	7,840
631	Substance Abuse Approp.	73,704	74,539	76,880	78,897	804	79,701
254	Tax Tribunal Refunds	8,314	2,804	19,865	10,000	-	10,000
253	Treasurer	235,166	214,892	243,338	262,835	-	262,835
999-???	Public Defender Indigent Appro	-	203,066	231,302	231,076	-	231,076
140	Trial Court Criminal/Civil	1,551,613	1,312,381	1,300,121	1,533,413	36,610	1,570,023
	SUBTOTAL	**11,668,568**	**12,001,965**	**12,607,842**	**13,966,559**	**53,552**	**14,020,111**
NON-MANDATED, SERVICE LEVEL REQUIRED							-
175	Administration	280,546	306,749	322,075	350,685	-	350,685
999-131	Adult Drug Court Approp.	26,510	37,494	21,116	52,032	-	52,032
355	Animal Control	72,169	81,993	88,459	93,105	-	93,105
430	Animal Shelter	220,197	262,827	266,406	291,058	5,465	296,523
999-966	Building Rehab Approp.	456,198	790,446	596,675	-	-	-
900	Capital	-	-	-	-	-	-
999-NEW	Capital Replacement Approp.	-	-	162,729	-	-	-
334	Court Security	96,648	101,117	107,756	118,835	-	118,835
265	Courthouse & Grounds	523,671	532,700	552,579	618,533	-	618,533
999-638	Data Processing Approp.	228,099	263,482	162,729	-	-	-
426	Emergency Management	159,197	132,685	136,782	153,526	-	153,526
266	Health Department Building	128,785	122,310	113,216	157,669	-	157,669
999-148	Juvenile Drug Ct. Approp.	41,295	30,430	48,771	-	-	-
999-668	Juvenile Justice Approp.	76,043	76,043	84,319	87,904	-	87,904
243	Land Information Services	344,642	345,073	390,267	463,440	-	463,440
999-145	Law Library Approp.	11,500	13,500	18,500	25,500	-	25,500
211	Legal Counsel	60,002	36,571	102,314	90,000	-	90,000
317	Snowmobile Enforcement	898	258	-	2,181	-	2,181
331	Marine	122,068	125,445	117,903	153,200	-	153,200
299	Miscellaneous	213,556	231,353	262,912	421,996	-	421,996
315	OHSP Enforcement Grant	-	-	-	-	-	-
400	Planning & Zoning	245,215	264,771	283,632	300,888	-	300,888
441	Public Works	27,846	3,354	38,306	3,500	178,908	182,408
333	Road Patrol	104,111	121,844	102,560	121,318	-	121,318
689	Soldier/Sailor Relief	3,950	5,446	5,218	40,000	-	40,000
999-281	Swift & Sure Program	31,420	32,375	37,272	42,782	-	42,782
999-282	56B Sobriety Court	27,690	21,437	21,368	25,677	-	25,677
999-981	Vehicle Replacement Approp.	228,099	-	162,729	-	-	-
682	Veterans Affairs	34,549	38,654	39,264	48,665	-	48,665
681	Veterans Burial	30,000	30,600	25,500	37,500	-	37,500
	SUBTOTAL	**3,794,904**	**4,008,957**	**4,271,357**	**3,699,994**	**184,373**	**3,884,367**

BARRY COUNTY GENERAL FUND EXPENDITURES

ACCT NUMBER	ACCOUNT NAME	2018 ACTUAL	2019 ACTUAL	2020 ACTUAL	2021 AMENDED	2021 AMENDMENT	2021 AMENDED
NON-MANDATED, NO SERVICE LEVEL REQUIRED							
NEW	Revolving Drain Interfund Loan	-	-	-	-	-	-
999-676	Agriculture Promotion Bd. Appr	5,903	10,000	25,000	10,000	-	10,000
999-895	Airport Approp.	-	-	-	-	-	-
261	Building Authority	-	-	-	-	-	-
999-751	Charlton Park Appropriation	-	-	-	-	-	-
999-672	Comm. on Aging Approp.	-	-	-	-	-	-
890	Contingency	-	5,000	-	118,732	8,378	127,110
257	Cooperative Extension	117,099	119,873	123,516	124,182	-	124,182
999-728	Economic Development App.	116,560	133,891	140,585	155,585	-	155,585
429	Emergency Contingency	-	-	-	-	-	-
999-675	Green Gables Appropr	-	-	-	-	-	-
999-	Gypsy Moth Admin Approp	-	-	-	-	-	-
999-999	Master Land Use Plan Approp	60,000	-	-	-	-	-
999-756	Parks & Rec. Approp.	49,175	63,621	76,800	89,473	-	89,473
999-449	Road Approp.	11,334	11,334	11,334	11,334	-	11,334
280	Soil Conservation Approp.	30,500	31,500	32,500	32,500	-	32,500
999-622	Solid Waste Approp.	1,100	1,100	1,100	1,100	-	1,100
999-841	Approp Out FEMA EI	-	-	-	-	-	-
999-263	Transfer to School Liaison	-	-	-	-	-	-
	SUBTOTAL	**391,671**	**376,319**	**410,835**	**542,906**	**8,378**	**551,284**
PRIOR YR NON-MANDATED, NO SERVICE LEVEL REQUIRED							
316	OHSP UAD Grant	-	-	-	-	-	-
999-205	Transfer to Central Dispatch	-	-	-	32,583	-	32,583
999-208	Transfer to Charlton Park	-	-	-	-	-	-
999-238	Community Corrections Appr.	-	-	-	-	-	-
999-263	Transfer to School Liaison	-	-	-	-	-	-
999-265	Drug Law Enforcement Approp	-	-	-	-	-	-
999-277	Transfer to Middleville Police	-	-	-	6,712	-	6,712
999-325	Central Dispatch Approp	-	-	-	-	-	-
999-358	Thornapple Manor Approp.	-	-	-	-	-	-
999-677	Health Ins. Approp.	-	-	-	-	-	-
999-677.1	Health Ins. Approp./Retiree	-	-	-	-	-	-
999-678	Disability Approp.	-	-	-	-	-	-
999-682	Retirement Fund Approp	500,000	570,368	958,605	640,005	-	640,005
999-684	Unemployment Fund Approp.	-	-	-	-	-	-
	SUBTOTAL	**500,000**	**570,368**	**958,605**	**679,300**	**-**	**679,300**
	SUBTOTAL	**16,355,143**	**16,957,609**	**18,248,639**	**18,888,759**	**246,303**	**19,135,062**
NEW POSITION REQUESTS (General Fund only)							
Jail	Upgrade 2 C.O. to Sergeants	-	-	-	17,068	-	-
Sheriff	Deputy Sheriff, 1 FT	-	-	-	-	-	-
Public Def.	Asst. Public Defender, 46%GF	-	-	-	49,503		
Equalizatior	Clerk, from 47.5% to .625 FTE	-	-	-	15,906	-	-
Trial Court	Juv. Treatment Specialist 50%	-	-	-	-	-	-
IT/LIS	IT Technician A/V Specialist	-	-	-	-	-	-
Admin.	HR Director (FT)	-	-	-	-	-	-
Parks & Re	PT Seasonal Maint. Worker	-	-	-	5,780	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
		-	-	-	-	-	-
	SUBTOTAL	**-**	**-**	**-**	**88,257**	**-**	**-**
	GENERAL FUND TOTAL	**16,355,143**	**16,957,609**	**18,248,639**	**18,888,759**	**246,303**	**19,135,062**

			Amendment E-21			
ACCT NUMBER	Department		Line Item	2021 BUDGET	2021 AMENDMENT	2021 AMENDED
101	Commissioners	E-716-010	Health Insurance	38,422	(8,968)	29,454
		E-716-050	Health Insurance Pymt in Lieu	18,942	7,348	26,290
		E-718-000	Retirement	25,692	1,567	27,259
		E-719-060	WC Approp	528	53	581
		E-957-000	Employee Training	5,000	(125)	4,875
		E-960-000	Miscellaneous Exp	-	125	125
					-	
101-140	Trial Court Criminal-Civil	E-957-000	Employee Training	5,000	6,076	11,076
		E-966-000	Software Maintenance	73,000	30,534	103,534
101-151	Adult Probation	E-727-000	Office Supplies	4,869	(2,362)	2,507
		E-934-000	Office Equip & Furniture	149	2,362	2,511
					-	
101-275	Drain Commission	E-704-000	Permanent Salaries	58,380	2,221	60,601
		E-716-010	Health Insurance	26,255	11,476	37,731
		E-717-000	Life Insurance	212	40	252
		E-718-000	Retirement	32,608	1,188	33,796
		E-719-020	Disability Admin	27	9	36
		E-719-030	Disability Claims	331	5	336
		E-719-050	Unemployment	118	34	152
		E-719-060	WC Approp	8,716	(7,850)	866
					7,123	
101-301	Sheriff's Dept.	E-716-010	Health Insurance	249,745	(9,477)	240,268
		E-716-050	Health Insurance Pymt in Lieu	71,177	9,477	80,654
					-	
101-351	Jail	E-704-000	Permanent Salaries	959,325	(6,244)	953,081
		E-715-000	FICA	98,692	(12,000)	86,692
		E-716-010	Health Insurance	211,323	(23,520)	187,803
		E-716-050	Health Insurance Pymt in Lieu	30,595	1,457	32,052
		E-717-000	Life Insurance	1,714	(117)	1,597
		E-718-000	Retirement	268,834	39,696	308,530
		E-719-030	Disability Claims	6,716	463	7,179
		E-719-050	Unemployment	2,645	265	2,910
		E-719-060	WC Approp	13,567	9,015	22,582
					9,015	
101-400	Planning	E-704-000	Permanent Salaries	79,061	(241)	78,820
		E-715-000	FICA	14,090	(970)	13,120
		E-716-050	Health Insurance Pymt in Lieu	5,244	1,002	6,246
		E-718-000	Retirement	46,709	209	46,918
					-	
101-426	Emergency Management	E-715-000	FICA	5,974	(741)	5,233
		E-718-000	Retirement	21,237	(237)	21,000
		E-719-030	Disability Claims	531	(10)	521
		E-719-060	WC Approp	986	(390)	596
		E-851-000	Telephone & Fax	7,300	1,378	8,678
					-	
101-430	Animal Shelter	E-703-000	Salary	75,774	822	76,596
		E-704-000	Permanent Salaries	38,566	22,401	60,967
		E-705-000	Temporary Salaries	15,112	(13,000)	2,112
		E-706-000	Overtime Salaries	-	874	874
		E-715-000	FICA	10,212	141	10,353
		E-716-000	Health Insurance	29,462	(7,686)	21,776
		E-718-000	Retirement	31,922	2,257	34,179
		E-719-050	Unemployment	362	1	363
		E-719-060	WC Approp	1,965	(345)	1,620
					5,465	

			Amendment E-21			
ACCT NUMBER	Department		Line Item	2021 BUDGET	2021 AMENDMENT	2021 AMENDED
101-441	Public Works	E-816-000	Contractual Services	-	178,908	178,908
101-631	Health & Safety Approp	E-835-000	Health Services	78,897	804	79,701
101-890	Contingency	E-960-000	Misc. Expenses	118,732	8,378	127,110

SPECIAL REVENUE FUNDS
Amendment 21-E

Fund #	Fund Name	BALANCE 12/31/2020	2021 Revenues	2021 Expenses	PROJECTED BALANCE 12/31/2021	Amended 2021 Revenues	Amended 2021 Expenses	PROJECTED BALANCE 12/31/2021
101	GENERAL FUND	2,286,422	18,554,347	18,554,347	2,286,422	19,135,062	19,135,062	2,286,422
	SPECIAL REVENUE FUNDS							
201	Road Commission	6,844,207	12,225,727	12,225,727	6,844,207	-	-	6,844,207
205	Central Dispatch	1,814,191	2,263,060	2,103,958	1,973,293	2,263,060	2,643,958	1,433,293
208	Charlton Park	294,232	581,350	581,000	294,582	-	-	294,582
215	Friend of the Court	800,909	1,194,059	1,346,260	648,708	-	-	648,708
216	Bench Warrant Fund	1,360	-	-	1,360	-	-	1,360
226	Sheriff's K-9 Donation Fund	7,935	500	950	7,485	14,770	950	21,755
227	Animal Shelter TNR - Bissell	9,571	15,000	15,000	9,571	-	-	9,571
228	Solid Waste	248,822	73,600	117,000	205,422	-	-	205,422
229	Animal Shelter TNR - Two Seven Oh	-	30,000	30,000	-	-	-	-
231	C SNIP Donation Fund	1,921	-	-	1,921	-	-	1,921
232	Animal Shelter Donation	274,855	44,000	20,000	298,855	-	-	298,855
233	Community Resource Network	11,044	6,000	6,000	11,044	-	-	11,044
236	Remonumentation Grant	19,482	71,951	71,651	19,782	-	-	19,482
243	Brownfield Redevlopment Authority	-	-	-	-	-	-	-
244	Commission on Aging Building	455,453	1,625	-	457,078	-	-	457,078
247	Thornapple Manor Depreciation	*300,289*	-	-	300,289	1,531	-	301,820
248	Building Rehabilitation	2,752,810	11,461	1,301,798	1,462,473	142,510	1,301,798	1,593,522
249	Capital Replacement	636,998	-	193,156	443,842	-	280,870	356,128
250	Parks & Recreation	86,953	97,473	114,500	69,926	-	-	69,926
252	Agriculture Promotion Board	7,155	10,000	10,000	7,155	-	-	7,155
253	Master Land Use Plan	60,000	-	-	60,000	-	-	60,000
255	Economic Development	-	155,585	155,585	-	-	-	-
256	Register of Deeds Automation	151,636	64,000	40,000	175,636	87,000	87,000	151,636
259	Corrections Officer Trng.	73,010	12,500	12,400	73,110	-	-	73,110
260	Victims Services Unit Grant	4,296	1,820	2,900	3,216	-	-	3,216
261	Indigent Defense Fund	-	912,977	912,977	-	-	-	-
264	Concealed Pistol Licensing	206,993	55,000	42,500	219,493	-	-	219,493
265	Drug Law Enforcement	9,562	-	-	9,562	660	-	10,222
266	Special Investigation	9,532	104	-	9,636	1,604	-	11,136
267	Crime Victims Rights Week Grant	13,971	63,323	70,502	6,792	64,470	70,502	7,939

SPECIAL REVENUE FUNDS
Amendment 21-E

Fund #	Fund Name	BALANCE 12/31/2020	2021 Revenues	2021 Expenses	PROJECTED BALANCE 12/31/2021	Amended 2021 Revenues	Amended 2021 Expenses	PROJECTED BALANCE 12/31/2021
269	Law Library	5,489	32,000	32,000	5,489	-	-	5,489
275	Commission on Aging	414,038	1,861,790	1,861,790	414,038	-	-	414,038
276	CDBG Housing	976,773	25,000	79,619	922,154	-	-	922,154
277	Middleville Police Services	-	301,227	301,227	-	-	-	-
279	MSHDA HOME Program	13,312	-	-	13,312	-	-	13,312
281	Swift & Sure Program	58,345	160,782	160,782	58,345	-	-	58,345
282	56B Sobriety Court	76,077	156,977	156,977	76,077	-	-	76,077
283	Community Corrections	7,783	114,989	114,989	7,783	-	-	7,783
284	2021 ARP Act Fund	-	5,977,683	100	5,977,583	-	-	5,977,583
285	Adult Drug Court	268,706	186,032	186,032	268,706	-	-	268,706
287	Michigan Justice Training Fund	12,735	5,250	5,250	12,735	-	-	12,735
290	Social Welfare	100,903	7,840	7,840	100,903	-	-	100,903
292	Child Care Fund	2,601,685	1,274,371	1,457,838	2,418,218	-	-	2,418,218
295	Airport	324,026	332,284	429,963	226,347	-	-	324,026
296	Juvenile Continuum of Care	10,804	-	-	10,804	-	-	10,804
297	Diverted Felons	669,577	-	119,185	550,392	138,930	119,185	689,322
	DEBT SERVICE FUNDS							
352	Friend of the Court Renovation Debt	29,344	52,969	80,138	2,175	50,795	80,138	1
354	Yankee Springs Water Tower Debt	710	43,833	43,833	710	-	-	710
355	Middleville Water Debt 2006 B	45	11,382	11,382	45	-	-	45
356	Middleville Water Debt 2006 A	188	62,629	62,629	188	-	-	188
357	Fawn Lake Sewer Debt	475	31,728	31,728	475	-	-	475
358	Yankee Springs Arsenic Removal	3,552	28,719	28,719	3,552	-	-	3,552
359	Finkbeiner/Crane Debt	13,237	93,328	93,328	13,237	-	-	13,237
360	TM Bldg Auth 2012	2,473	409,988	409,988	2,473	-	-	2,473
361	Road Commission Series 2016 Debt	-	511,500	511,500	-	-	-	-
367	Thornapple Manor Harvest Point	-	-	-	-	144,831	144,831	-
368	TM 2006/2012 Refunding	295,307	1,603,700	1,603,700	295,307	1,603,700	1,604,094	294,913
374	Middleville Sewer Debt 1999	554	-	-	554	-	-	554
375	2021 BPW Middleville Sewer Debt	-	41,384	41,384	-	-	-	-
377	Leach-Middle Lakes Sewer Debt	567	173,427	173,427	567	-	-	567
378	Little Thornapple 2019 Debt Fund	88,442	98,672	158,850	28,264	-	-	28,264

SPECIAL REVENUE FUNDS
Amendment 21-E

Fund #	Fund Name	BALANCE 12/31/2020	2021 Revenues	2021 Expenses	PROJECTED BALANCE 12/31/2021	Amended 2021 Revenues	Amended 2021 Expenses	PROJECTED BALANCE 12/31/2021
	CONSTRUCTION FUNDS							
467	2021 Thornapple Manor HP Constr.	-	-	-	-	13,857,912	7,000,000	6,857,912
472	McKeown Bridge Park	8,721	-	8,721	-	-	-	-
478	Little Thornapple Construction	215,012	-	-	215,012	-	-	215,012
472	McKeown Bridge Park	8,721	-	8,721	-	-	-	-
475	2021 BPW Middleville Sewer Constr.	-	2,428,915	-	2,428,915	2,428,915	5,000	2,423,915
478	Little Thornapple Construction	215,012	-	-	215,012	358	100,000	115,370
	ENTERPRISE FUNDS							
500	2020 Delinquent Tax Fund	1,987	201,050	8,500	194,537	-	-	194,537
506	2016 Delinquent Taxes	-	-	-	-	-	-	-
507	2017 Delinquent Taxes	-	-	-	-	-	-	-
508	2018 Delinquent Taxes	565,819	-	-	565,819	-	565,819	-
509	2019 Delinquent Taxes	417,259	-	30,000	387,259	197,519	30,000	584,778
512	Thornapple Manor	19,153,606	20,205,000	20,200,000	19,158,606	-	-	19,158,606
515	Delinquent Tax Revolving 2015	-	-	-	-	-	-	-
516	Tax Umbrella	8,289,197	650,000	648,969	8,290,228	-	-	8,290,228
517	Foreclosure	2,025,425	450,000	250,000	2,225,425	-	-	2,225,425
588	Transit	3,937,335	1,581,629	1,564,962	3,954,002	-	-	3,954,002
595	Commissary	136,842	130,000	130,000	136,842	150,000	130,000	156,842
	INTERNAL SERVICE FUNDS							
637	Data Processing	1,659,082	-	473,802	1,185,280	-	-	1,185,280
660	Telephone	49,298	49,248	49,248	49,298	-	-	49,298
661	Vehicle	1,391,480	19,128	326,600	1,084,008	-	-	1,084,008
676	Workers Compensation	178,679	215,531	200,910	193,300	-	-	193,300
677	Health Insurance	190,815	2,073,992	2,073,992	190,815	-	-	190,815
678	Disability	220,481	93,267	93,267	220,481	-	-	220,481
680	Fringe Benefits	1,746,165	243,929	243,929	1,746,165	-	-	1,746,165
681	Life Insurance	10,279	59,970	59,970	10,279	-	-	10,279
682	Retirement	58,058	3,434,867	3,434,867	58,058	-	-	58,058
683	Dental Insurance	103,264	93,263	93,263	103,264	-	-	103,264
684	Unemployment	290,722	27,250	27,250	290,722	-	-	290,722
804	Drain Maintenance Fund	12,157	-	-	12,157	-	-	12,157
843	Gun Lake Weed Assessment	326,317	190,300	190,000	326,617	-	-	326,617
851	Drain Debt A.L. Dam Project	38,381	24,570	28,026	34,925	-	-	34,925

			Amendment 21-E			
ACCT NUMBER	Department		Line Item	2021 BUDGET	2021 AMENDMENT	2021 AMENDED
205	Central Dispatch	E-325-703-000	Salary	86,000	3,000	89,000
		E-325-704-060	Shift Premium Wages	15,000	500	15,500
		E-325-714-000	Fringe Benefits	475,000	(5,000)	470,000
		E-325-931-000	Bldg. Repairs & Maint.	10,000	1,500	11,500
		E-325-980-000	Office Equip. & Furniture	30,000	540,000	570,000
					540,000	
226	Sheriff K-9 Donation Fund	R-000-675-000	Donations	500	14,270	14,770
247	Thornapple Manor Depr	R-000-665-000	Interest Earned	-	1,531	1,531
248	Building Rehab	R-000-665-000	Interest Earned	-	2,049	2,049
		R-000-679-010	Mis. Reimbursement	-	129,000	129,000
					131,049	
249	Capital Replacement	E-000-977-000	Capital Outlay/Mach. & Equi	19,156	87,714	106,870
			($87,714 approved by BOC on 11/23/21			
			for the purchase of 40 portable radios)			
256	Reg. of Deeds Automation	R-000-615-000	ROD Upgrading Technology	64,000	7,000	71,000
		R-000-679-010	Misc Reimbursement	-	16,000	16,000
					23,000	
		E-236-980-000	Office Equip & Furniture	-	49,557	49,557
		E-236-980-040	Computer Implementation	40,000	(2,557)	37,443
					47,000	
265	Drug Law Enforcement	R-000-655-000	Fines & Forfeits	-	660	660
266	Special Investigation	R-000-655-000	Fines & Forfeits	100	1,500	1,600
267	Crime Victims Right Week	R-000-569-000	Crime Victims Right Act	63,323	1,147	64,470
283	Community Corrections	E-152-816-000	Contractual Services	49,098	(5,150)	43,948
		E-152-985-000	Drug Testing Supplies	12,036	5,150	17,186
					-	
297	Diverted Felons	R-000-635-010	Diverted Felons	-	138,930	138,930
352	FOC Ren Debt	R-000-699-000	Approp Transfer iin	52,969	(2,174)	50,795
		E-000-995-000	Interest Expense	4,388	(2,174)	2,214
367	Thorn. Manor Harvest Pt	R-000-580-000	Contributions Local Units	-	144,831	144,831
		E-000-995-000	Interest Expense	-	144,831	144,831
368	Thornapple Manor 2006	E-000-964-010	Tax Tribunal Refunds	-	394	394
467	Thorn. Manor Harvest Pt	R-000-665-000	Interest Earned	-	1,350	1,350
		R-000-698-000	Bond Proceeds	-	13,856,562	13,856,562
					13,857,912	
		E-000-999-000	Transfer Out/Approp	-	7,000,000	7,000,000
475	2021 BPW Middleville Swr	E-000-700-000	Expenses	-	5,000	5,000
478	Little Thornapple Constr.	R-000-665-000	Interest Earned	-	358	358
		E-000-700-000	Expenses	-	100,000	100,000
508	2018 Delinquent Tax Pymt	E-000-999-000	Transfer out/approp	-	565,819	565,819

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ACCT NUMBER	Department		Line Item	2021 BUDGET	2021 AMENDMENT	2021 AMENDED
509	2019 Delinquent Taxes	R-000-445-010	Interest on Taxes	-	150,250	150,250
		R-000-445-020	Interest from P.R.E. Denials	-	572	572
		R-000-447-000	Administration Fee	-	35,517	35,517
		R-000-447-020	Admin Fee from P.R.E. Den	-	826	826
		R-000-642-000	PRE Forfeiture Mailing Not.	-	10,156	10,156
		R-000-665-000	Interest Earned	-	198	198
					197,519	
595	Commissary	R-000-653-000	Concessions	130,000	20,000	150,000